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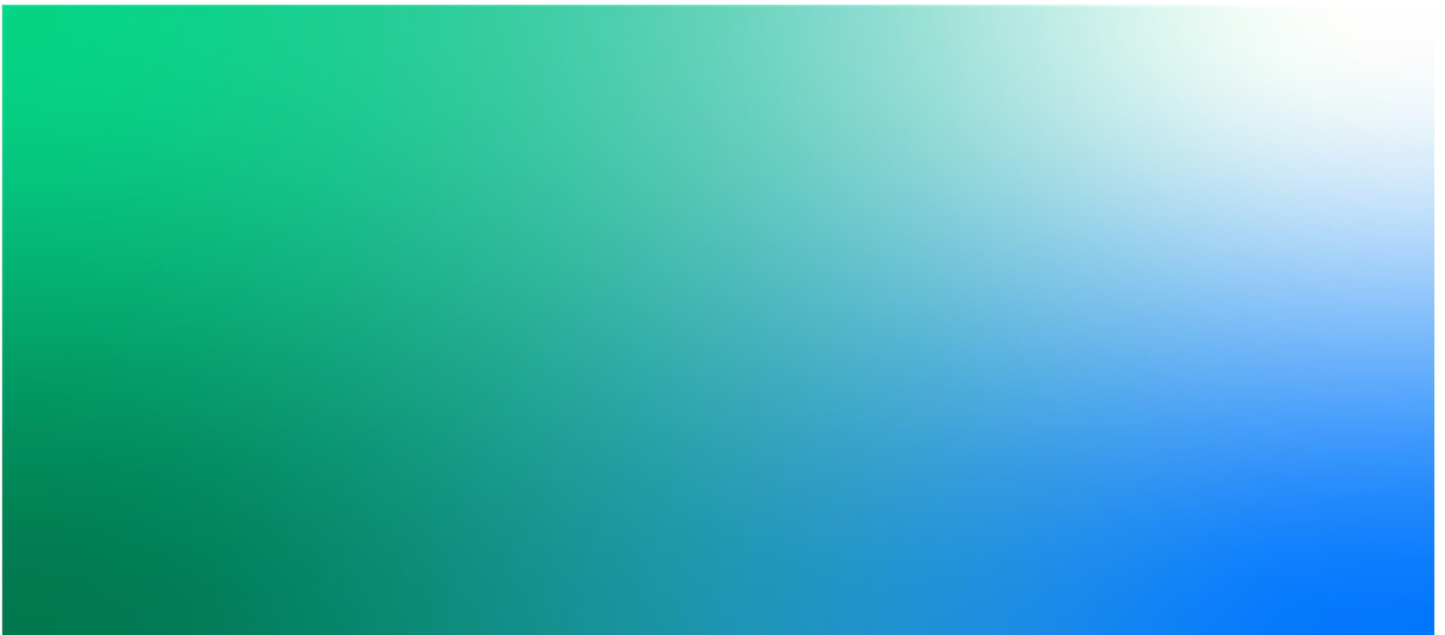
SFPP Norwalk Pump Station
Norwalk, California

First Quarter 2022 Remediation Progress Report

Final

April 15, 2022

Kinder Morgan, Inc.



SFPP Norwalk Pump Station

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Eric Davis
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April 15, 2022
Date

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Acronyms and Abbreviations

| | |
|----------------------------------|---|
| API | American Petroleum Institute |
| ASTM | ASTM International |
| Ba ¹⁴ CO ₃ | barium carbonate |
| bgs | below ground surface |
| BTEX | benzene, toluene, ethylbenzene, and xylenes |
| C ¹⁴ | Carbon-14 (radiocarbon) |
| CH2M | CH2M HILL, now part of Jacobs Engineering Group Inc. |
| CO ₂ | carbon dioxide |
| COPC | contaminant(s) of potential concern |
| DFSP | Defense Fuel Support Point |
| DTSC | Department of Toxic Substances Control |
| EPA | U.S. Environmental Protection Agency |
| ft | foot/feet |
| ft ² /day | square foot/feet per day |
| gal/year | gallon(s) per year |
| GWE | groundwater extraction |
| GWTS | groundwater treatment system |
| HSVE | horizontal soil vapor extraction |
| IRAP | interim remedial action plan |
| ITRC | Interstate Technology and Regulatory Council |
| Jacobs | Jacobs Engineering Group Inc. |
| Kinder Morgan | Kinder Morgan, Inc. |
| lb(s) | pound(s) |
| lb(s)/day | pound(s) per day |
| lb(s)/yr | pound(s) per year |
| LNAPL | light nonaqueous phase liquid |
| MTBE | methyl tertiary butyl ether |
| No. | number |
| NSZD | natural source zone depletion |
| ppmv | parts per million by volume |
| Regional Board | California Regional Water Quality Control Board, Los Angeles Region |
| RSL | regional screening level |
| RTO | regenerative thermal oxidizer |

| | |
|-------|--|
| scfm | standard cubic feet per minute |
| SFPP | SFPP, L.P., an indirect subsidiary of Kinder Morgan, Inc. |
| SGI | The Source Group, Inc. |
| site | SFPP, L.P. Norwalk Pump Station located within Defense Fuel Support Point Norwalk, at 15306 Norwalk Boulevard, Norwalk, California |
| SVE | soil vapor extraction |
| SVM | soil vapor monitoring |
| TFE | total fluids extraction |
| TPH-g | total petroleum hydrocarbons quantified as gasoline |
| VOC | volatile organic compound |

1. Introduction

This progress report summarizes remediation activities performed by Kinder Morgan, Inc. (Kinder Morgan) at the SFPP, L.P. (SFPP) Norwalk Pump Station located within the Defense Fuel Support Point (DFSP) Norwalk, at 15306 Norwalk Boulevard, Norwalk, California (the site; Figure 1) during the first quarter 2022 reporting period.

This progress report is being submitted pursuant to a request from the California Regional Water Quality Control Board, Los Angeles Region (Regional Board) in its letter dated October 25, 2006 (Regional Board, 2006). Additional site background information can be found in the *Conceptual Site Model and Proposed Alternate Interim Remedy for Soil, Groundwater, and Light Nonaqueous Phase Liquid* report and *Light Nonaqueous Phase Liquid Conceptual Site Model Update* (CH2M¹, 2013 and 2018), as well as the recently published draft final *Interim Remedial Action Plan (IRAP) – Implementing an NSZD Remedy* (Jacobs, 2022a). In addition, previously published quarterly remediation progress reports and semiannual groundwater monitoring reports, available for download on “GeoTracker,” the Regional Board’s internet-accessible database system, contain site background information, historical data, and updates on remedial activities.

This report summarizes the remediation systems and activities at the site for the period of January 1, 2022, through March 31, 2022, including:

- Operation and maintenance of active remediation systems performed by Kinder Morgan field personnel and outside subcontractors, including laboratory analysis of compliance and performance samples (Appendix A) and downtime of horizontal air sparge well BS-02 and the southeastern SVE network due to damage to the primary conveyance line (Section 2.2)
- Planned destruction of former total fluids extraction (TFE) and current soil vapor extraction (SVE) well GMW-O-15 (Section 2.2)
- Planned construction in the southeastern and offsite/south-central areas (Section 2.2).
- Pending approval of draft final IRAP (Jacobs, 2022a) for BS-02 shutdown and transition to passive remedy in the southeastern onsite and offsite areas (Section 2.1.2)
- Initiated preparation of a natural source zone depletion (NSZD) technical memorandum to summarize the continued evaluation of the NSZD performance monitoring pilot study (Section 3.2)
- Submission of the *Fourth Quarter 2021 Soil Vapor Monitoring* technical memorandum (Jacobs, 2022b) summarizing the continued soil vapor monitoring (SVM) program (Section 4.3)

This report also provides recommendations regarding ongoing remediation optimization, remedial transition points, and supplemental documentation, including:

- A summary of the barium carbonate ($\text{Ba}^{14}\text{CO}_3$) sample results (Appendix B) and other analyses performed.
- Remedial progress in the southeastern area associated with horizontal biosparge well BS-02. Supplemental BS-02 monitoring data are in Appendix C.
- Remedial progress in the offsite/south-central area associated with horizontal biosparge (BS-03) well and horizontal soil vapor extraction (HSVE) well (HSVE-01). Supplemental BS-03 data are in Appendix D.

¹ CH2M HILL (CH2M) is now part of Jacobs Engineering Group Inc. (Jacobs).

As documented in previous quarterly remediation progress reports, the groundwater treatment system (GWTS), consisting of groundwater extraction (GWE) and TFE wells, has not been operated since February 2021. Therefore, this report focuses on treatment systems that are currently active. Soil vapor monitoring results will be discussed in the *First Quarter 2022 Soil Vapor Monitoring* technical memorandum, to be submitted in May 2022. NSZD performance will be discussed in the forthcoming NSZD technical memorandum. A discussion of previous remedial system data related to the GWTS is provided in the aforementioned draft final IRAP (Jacobs, 2022a).

2. Description of Remediation Systems

Kinder Morgan currently operates remediation systems consisting of vertical SVE, HSVE, horizontal biosparge, and treatment of extracted soil vapors to address the south-central, offsite/south-central, and southeastern areas, which are the three areas of ongoing treatment and monitoring at the site: the south-central area is in the 36-acre parcel, the offsite/south-central area is in the residential area south of the 36-acre parcel, and the southeastern area is in the 15-acre parcel. These three primary treatment areas are labeled on Figure 2. In addition, NSZD has been implemented across the site.

The objectives of the remediation systems are to reduce light nonaqueous phase liquid (LNAPL) saturations, change the LNAPL phase, and if necessary, contain hydrocarbon constituents in groundwater and soil vapor. The remediation systems consist of the following remediation wells:

South-central Area

- Currently inactive
 - 13 TFE wells
 - 24 onsite vertical SVE wells
 - 1 horizontal biosparge well (BS-01)
- Currently active
 - 8 individual SVM probes used for NSZD monitoring

Offsite/south-central Area

- Currently inactive
 - 7 TFE wells
 - 6 offsite vertical SVE wells (five are collocated with TFE wells)
- Currently active
 - 1 horizontal biosparge well (BS-03)
 - 1 horizontal SVE well (HSVE-01)
 - 10 individual SVM probes used for NSZD monitoring

Southeastern Area

- Currently inactive
 - 4 TFE wells (GMW-O-15, GMW-O-18, GMW-36, and GMW-SF-9)
 - 1 GWE well (GMW-SF-10)
- Currently active
 - 8 vertical SVE wells (two are co-located with TFE wells)
 - 1 horizontal biosparge well (BS-02)
 - 13 individual SVM probes used for NSZD monitoring

A summary of remediation systems and their operational status at the end of the first quarter 2022 is presented in Table 1. The remediation system layout is shown on Figure 2.

The biosparging and SVE systems will continue to be active in the southeastern and offsite/south-central areas until their remedial objectives are met. The south-central area transitioned from biosparging and SVE to NSZD in December 2019 after achieving the remedial objectives established in the draft final IRAP. Details regarding the remedial objectives, metrics, and contingencies are provided in the draft final IRAP (Jacobs, 2022a). New NSZD data, including ongoing rate measurements, will be presented in the NSZD technical memorandum at a later date. Laboratory analytical data for Ba¹⁴CO₃ sampling in the southeastern onsite and offsite areas are presented in Appendix B.

2.1 Biosparge System

The layout of the horizontal biosparging wells at the site is illustrated on Figure 2. Each horizontal well is constructed of 4-inch-diameter polyvinyl chloride with varying screen lengths placed at approximately 45 feet below ground surface (ft bgs). All biosparging systems are interlocked with their respective SVE capture systems such that biosparging cannot operate without the SVE capture system also operating. Additional details regarding the operation of BS-01, BS-02, and BS-03 during the first quarter of 2022 are provided in Section 3.

2.1.1 Biosparge Well BS-01 (Not Operating)

Biosparge well (BS-01) was installed in December 2014 in the south-central area of the site and operated from December 2016 until December 2019 when it was turned off to facilitate evaluation of NSZD performance.

2.1.2 Biosparge Well BS-02 (Operating)

A second biosparge well (BS-02) was installed in the southeastern area of the site in November 2017. The screen interval of BS-02 is 240 feet centered below the southeastern area hydrocarbon plume. BS-02 (and BS-03) are supplied with air by a compressor (883 standard cubic feet per minute [scfm]) installed in the fourth quarter 2018. BS-02 was turned on in May 2020 and has operated at a flow of 160 to 170 scfm since December 2021.

On January 13, 2022, BS-02 was moved offline after damage to the southeastern SVE header was discovered. Repairs to the header were completed by a third-party subcontractor on March 1, 2022. BS-02 was returned to operation on March 3, 2022, after the repairs were complete.

2.1.3 Biosparge Well BS-03 (Operating)

Biosparge well (BS-03) was installed in the offsite/south-central area in December 2019. The length of the BS-03 well screen is 500 feet, and the total length of the well is 770 feet. A horizontal SVE well (HSVE-01) was installed above BS-03 and is described in Section 3. BS-03 is centered below the offsite/south-central area hydrocarbon plume.

Startup activities began at BS-03 in May 2021, shortly after startup and sustained operation of HSVE-01 in early April 2021 (see details of HSVE-01 startup and operation in Section 3). BS-03 continues to operate at a flow between 200 and 250 scfm.

2.2 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 (i.e., condensate) from the soil vapors. When the knock-out tank is full, the condensate water is hauled offsite for proper disposal. The soil vapors are treated in a regenerative thermal oxidizer (RTO) where volatile organic compounds (VOCs) are converted to carbon dioxide (CO₂) and water prior to being discharged to the atmosphere. Operation of the

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 the area has transitioned to an NSZD remedy.

The expanded southeastern SVE system was restarted on May 15, 2020, as part of BS-02 biosparging operations; 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 dedicated 1,200-foot-long, 6-inch-diameter high-density polyethylene header. The southeastern SVE system flow is monitored through two methods, a summation of flows from the individual well heads and a combined flow measurement in the southeastern SVE header. The southeastern SVE system was temporarily offline between January 13, 2022 and March 3, 2022 to address structural damage to a drip leg in the SVE header. Construction to fix the damaged drip leg was performed by a third-party subcontractor on behalf Jacobs on March 1, 2022. The southeastern SVE system was returned to operation on March 3, 2020 during the next site visit by the system operator after construction was completed. Southeastern well GMW-O-15 is currently obstructed by a lodged TFE pump despite several attempts at removal. A work plan for well destruction was submitted to the RWQCB on February 3, 2022 and is currently under review. The southeastern SVE system will continue to operate without extracting from GMW-O-15, which is within the radius of capture of both GMW-36 and GMW-O-16. In addition, in preparation for redevelopment of the 15-acre parcel by the City of Norwalk, remediation wells GMW-SF-10, GMW-SF-9, and GMW-SF-7 (including the conveyance line connecting these wells to the treatment system) will be destroyed in the second quarter of this year. These wells are currently only used for groundwater monitoring and have not been used for remediation purposes in more than five years.

HSVE-01 was installed in the offsite/south-central area in December 2019 and is designed to extract vapors created from operating biosparge well BS-03. HSVE-01 is constructed of 6-inch-diameter Schedule 10 stainless-steel casing and screen and was completed to a depth of approximately 20 ft bgs. The length of the HSVE-01 screen is 500 feet, and the total length of the well is 745 feet. Due to planned construction in the private property located at 12247 Cheshire Street, remediation wells GMW-O-23 and MW-O-1 will be destroyed, including a portion of the conveyance line connecting these wells to the treatment system. These wells are currently used for groundwater monitoring only, with no planned use for remediation purposes.

HSVE-01 startup activities began in April 2021. Supplemental data from wells and vapor points in the offsite/south-central area are routinely collected to optimize the operation of operation of both HSVE-01 and BS-03. HSVE-01 operated at flows ranging between 361 and 625 scfm, averaging 444 scfm during the reporting period for the first quarter of 2022. Additional details regarding the operation of HSVE-01 during the first quarter of 2022 are discussed in Section 3.1. Table 2 is a summary of extracted vapor analytical results.

3. Remediation Progress and Optimization

Currently, remedial progress is being measured against the performance metrics defined in the draft final IRAP (Jacobs, 2022a), which are as follows:

- Recover LNAPL mass to the maximum hydraulic extent practicable using existing wells.
- Achieve an active LNAPL removal rate (e.g., through biosparging/SVE) that is below or of similar magnitude to the ambient NSZD degradation rate.
- Demonstrate a decrease in the ratio of more volatile to less volatile dissolved- and vapor-phase constituents over time.
- Demonstrate SVE systems have reached a transition point based on decline curve analysis.
- Demonstrate stable or decreasing dissolved-phase plume extents and concentrations across the site using spatial plume statistics.
- Ensure the dissolved- and vapor-phase extents and concentrations are stable or decreasing in extent on a sitewide scale.

As these metrics are achieved, a transition to NSZD will be implemented on an area-by-area basis, along with contingency measures, if needed. All of these metrics are important; however, the active mass removal rate relative to the NSZD mass removal rate is an important proxy for all other remediation performance metrics. The overarching site management philosophy is that there are diminishing returns in operating active remedies when they are no longer able to remove mass at a significantly greater rate than NSZD. Moreover, there are significant cost considerations in terms of environmental sustainability (i.e., carbon footprint) associated with long-term operation of energy intensive active treatment systems. The following sections present the remedial progress specifically related to each of these metrics and efforts being made to optimize the remedies. Section 4 focuses on remedial operation data evaluation and Section 5 focuses on the resulting trends in vapors and groundwater and their respective metrics.

3.1 Hydrocarbon Mass Removal from the Biosparge and Soil Vapor Extraction Systems

Exhibit 1 below provides an overview of the VOC mass removal at the site collected weekly from the RTO combined header (i.e., it represents total SVE mass collected at the site as VOCs and may combine individual system data when biosparging systems overlap in operation). Narrative indicators are placed relative to the operation of each of the recent biosparging systems. The three biosparging systems at the site remove VOC mass at the highest rate during initial startup, followed by a predictable decline in VOC removal rate as the LNAPL adjacent to each system is depleted. Although BS-01 is no longer operating, an overview of the mass removed from the BS-01 treatment area and additional analysis of that system are presented in the draft final IRAP (Jacobs, 2022a). The overall removal rates of each biosparging system is as follows:

- BS-01: Initially approximately 360,000 pounds per year (lbs/yr), and 3,600 lbs/yr at the end of operation
- BS-02: Initially approximately 36,000 lbs/yr, and 700 lbs/yr currently (actively operating)
- BS-03: Initially approximately 36,000 lbs/yr, and 13,000 lbs/yr currently (actively operating)

Supplemental data have also been collected from the SVE header for the vertical SVE wells in the southeastern area associated with BS-02 and HSVE-01 in the offsite/south-central area associated with BS-03 (Exhibit 1). Seasonal variations are apparent over the course of SVE operations, which accounts for the divergence in mass recovery rate near the beginning of BS-02 startup; however, later operation data indicate that mass removal rates are similar for the overall system mass removal and the offsite/south-central area mass removal (detailed data and analysis of BS-03 operations are described later in this section). The offsite/south-central area (BS-03) data

on Exhibit 1 illustrate alignment to overall system mass removal data, indicating BS-02 is no longer contributing mass recovery at the site beyond what could be achieved by NSZD. This observation is one indication that mass recovery in the southeastern area related to BS-02 operations has reached a transition point as defined in the draft final IRAP remedial metrics (Jacobs, 2022a).

In addition to VOC mass removal, the biosparging systems enhance the biodegradation of hydrocarbons. The calculation and trends of biodegradation of hydrocarbon removal as well as the resulting indicators of LNAPL phase change are discussed in detail in the following sections. The methods for estimating the biosparging biodegradation rates are defined in the *Biosparging Effectiveness Evaluation and Recommendations, South-Central Area* (Jacobs, 2019a).

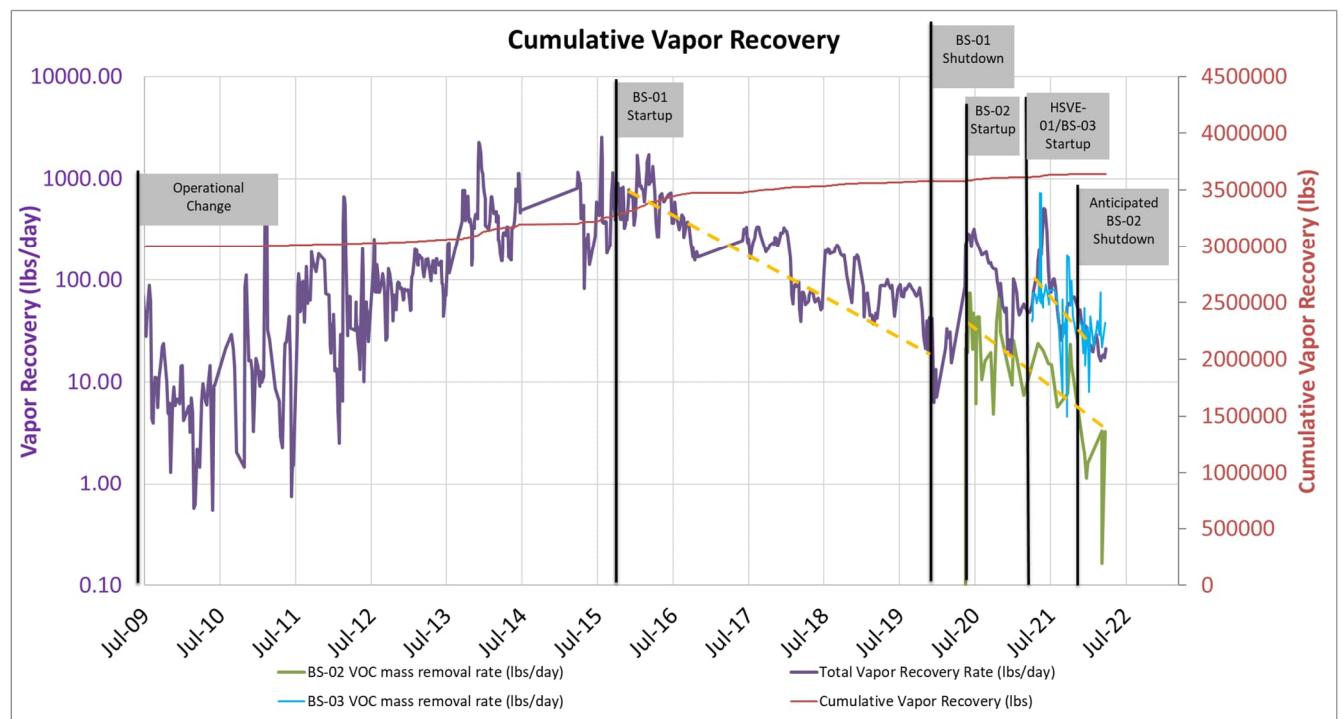


Exhibit 1. Vapor Mass Recovery Rate Over Time

Biosparge (BS-02)

The southeastern biosparge system (BS-02) operated for 667 hours with 31 percent uptime during the first quarter of 2022 (Table 3) primarily due to structural damage in the southeastern SVE header (Section 2.2). A detailed narrative of the southeastern biosparge system is provided in the BS-02 supplemental data in Appendix C. Using the supplemental data from BS-02, a decline curve is illustrated in Exhibit 2 comparing VOC mass removal rate to cumulative VOC mass removed. The decline curve is useful for predicting the time to reach the transition point where the biosparging well starts removing less mass than NSZD would remove. The determination of NSZD rates is described in Section 3.2.

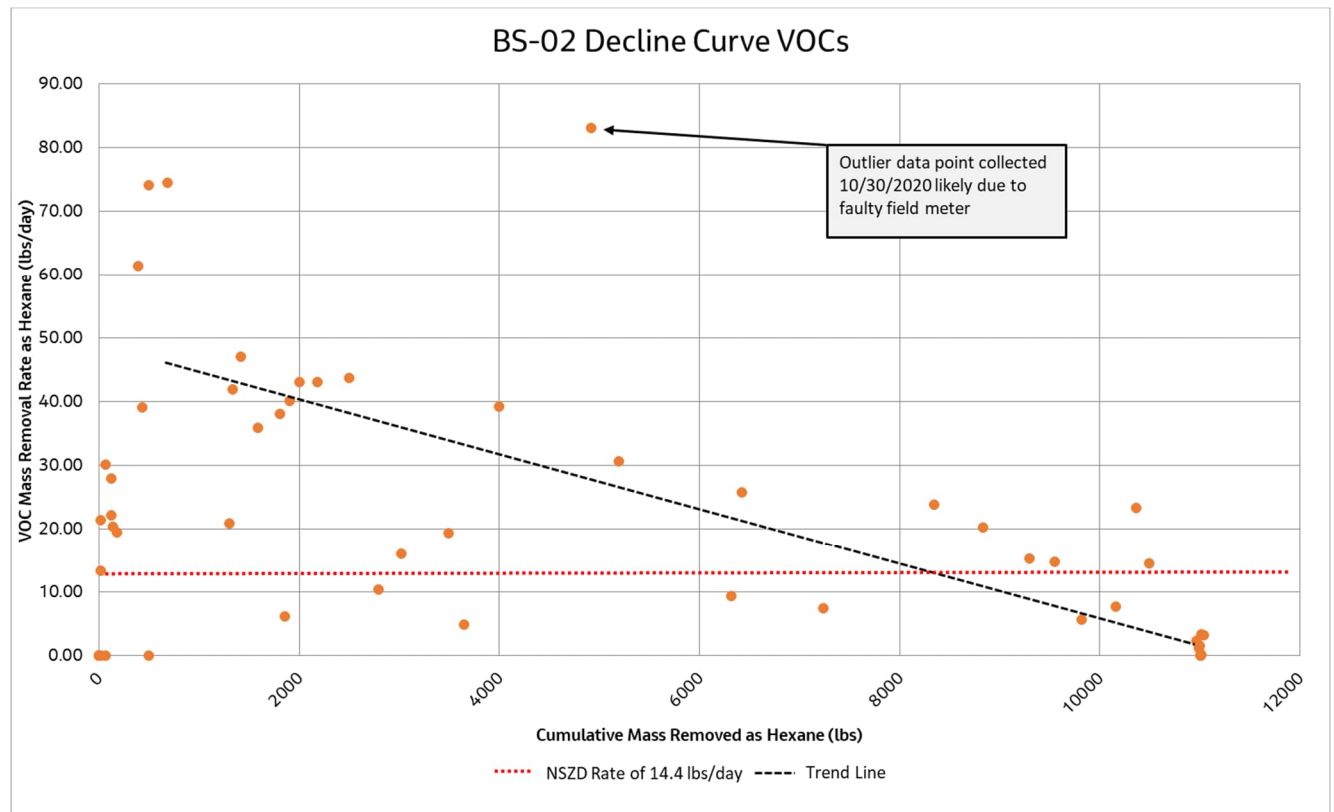


Exhibit 2. BS-02 Decline Curve VOCs versus Cumulative Mass Removed

In addition to total VOC mass removed, supplemental carbon-14 (C¹⁴) data allows for the estimation of mass removed specifically due to biodegradation. Although C¹⁴ sampling is typically part of the NSZD monitoring program, it is also used to monitor SVE gases to account for modern carbon fractions (i.e., degradation of hydrocarbons which are not sourced from petroleum). Essentially, C¹⁴ data is used to correct the VOC data from the SVE header.

Exhibit 3 illustrates this additional biodegradation mass removal. Biodegradation mass removed accounts for more than 70 percent of the mass removal and the increasing C¹⁴ correction factor from 0.55 to 0.70 (increasing fossil fuel fraction, not necessarily increasing fossil fuel degradation rate) indicates depletion of native hydrocarbon in the area.

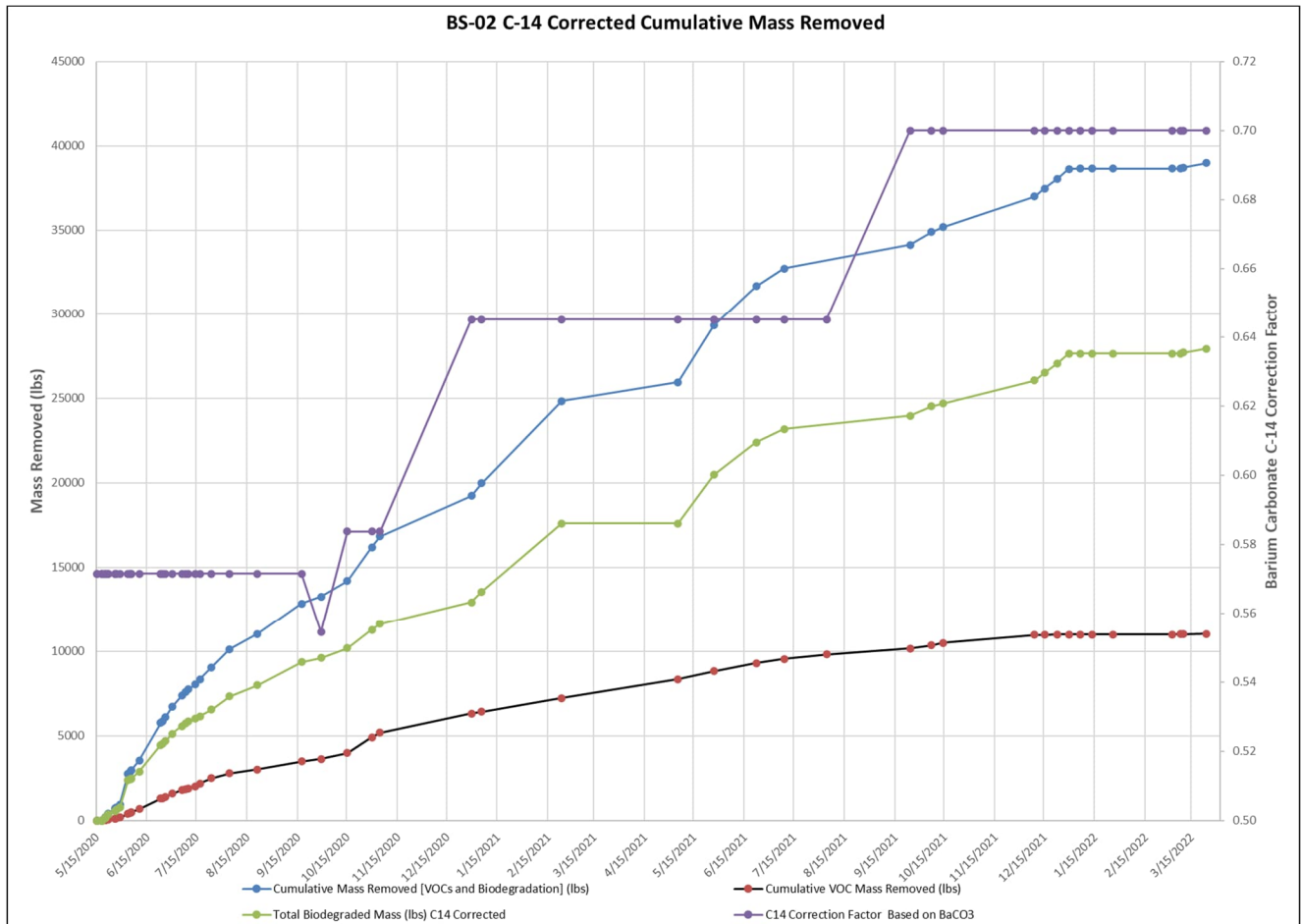


Exhibit 3. BS-02 C¹⁴ Corrected Cumulative Mass Removed

Exhibit 4 illustrates the VOCs and oxygen concentration at the SVE header in the southeastern area for BS-02 are diverging. Observed VOCs are declining from approximately 600 parts per million by volume (ppmv) to less than 100 ppmv and oxygen concentrations are increasing from approximately 18 to 20 percent; both trends support LNAPL in the area being depleted and phase changed (i.e., the reduction in the VOC content in the LNAPL).

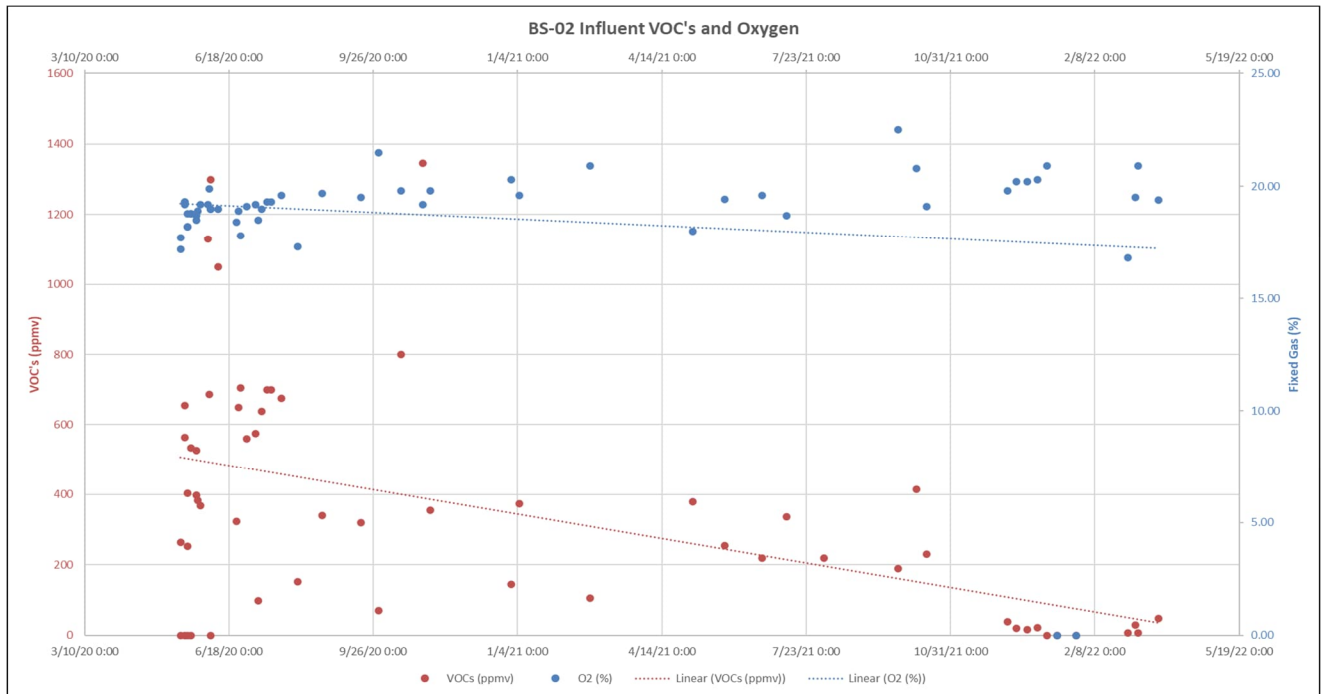


Exhibit 4. BS-02 Influent VOCs and Oxygen Concentrations Over Time

Exhibit 5 illustrates individual SVE well decline curves (mass removal rate vs. cumulative mass removed per well) in the southeastern area, supporting observations at the SVE header (influent), demonstrating the granularized effect of biosparging in this area. Only two wells (PZ-5 and GMW-36) are contributing (<5 pounds per day [lbs/day]) to the overall VOCs observed at the header (BS-02). All other wells are no longer significantly contributing (<1.0 lb/day) to the mass removal in this area.

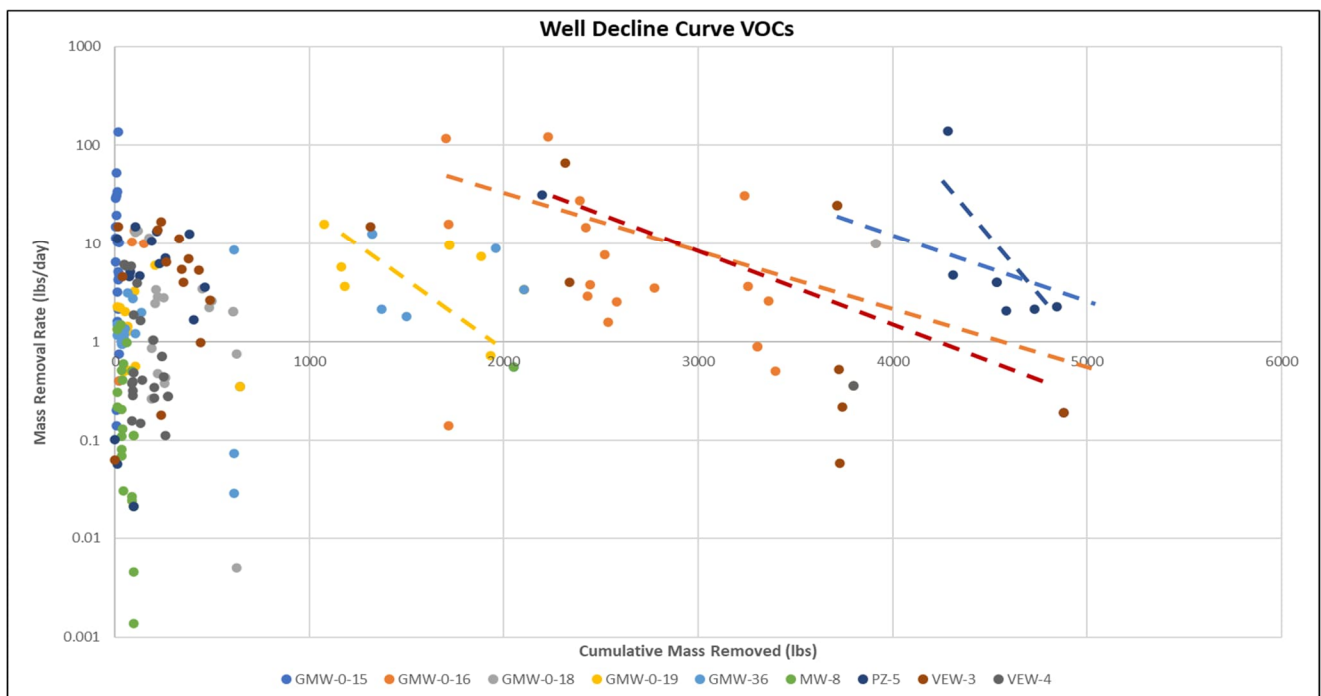


Exhibit 5. Individual Well Decline Curves (Mass Removal Rate lbs/day vs. Cumulative Mass Removed lbs)

The trends related to BS-02 and the southeastern area demonstrate the following transition metrics are being met:

- LNAPL mass has been recovered to the maximum hydraulic extent practicable.
- Active LNAPL removal rate (e.g., through biosparging/SVE) is below or of similar magnitude to the ambient NSZD degradation rate (discussed further in Section 3.2).
- The ratio of more volatile to less volatile vapor-phase constituents has decreased over time.
- The SVE systems have reached a transition point based on decline curve analysis.
- Vapor-phase extents and concentrations are stable or decreasing (SVE wellfield gases).

Soil Vapor Extraction Well (HSVE-01) and Biosparging Well BS-03

Operation of the offsite/south-central SVE system (HSVE-01) was initiated in the second quarter of 2021 and continued operating through the first quarter of 2022.

During the first quarter of 2022, HSVE-01 flow was on average 444 scfm and BS-03 operated at a flow ranging from 151-313 scfm. The flow rates, VOC mass removal, and VOC concentrations observed during operation of HSVE-01 during the first quarter of 2022 are illustrated on Exhibit 6. Variation in flow and VOC concentrations are attributable to intermittent shutdown and restarts from various operational adjustments, as well as drip leg condensate clearings, which has been conducted weekly since the third quarter 2021. Drip legs are condensate collection pipes along the SVE conveyance line that trap and accumulate excess moisture from the air and prevent build up in the line that would otherwise hinder SVE performance.

The offsite/south-central biosparge (BS-03) operated for 1,815 hours with 83 percent uptime during the first quarter. The biosparge system flow (air injection) rate ranged from approximately 151-313 scfm. The relatively lower sparge flow reflects the gradual, stepwise startup procedure following intermittent operation of HSVE-01 due to frequent maintenance events (Exhibit 6). A detailed data narrative for the offsite/south-central biosparge system is provided in Appendix D.

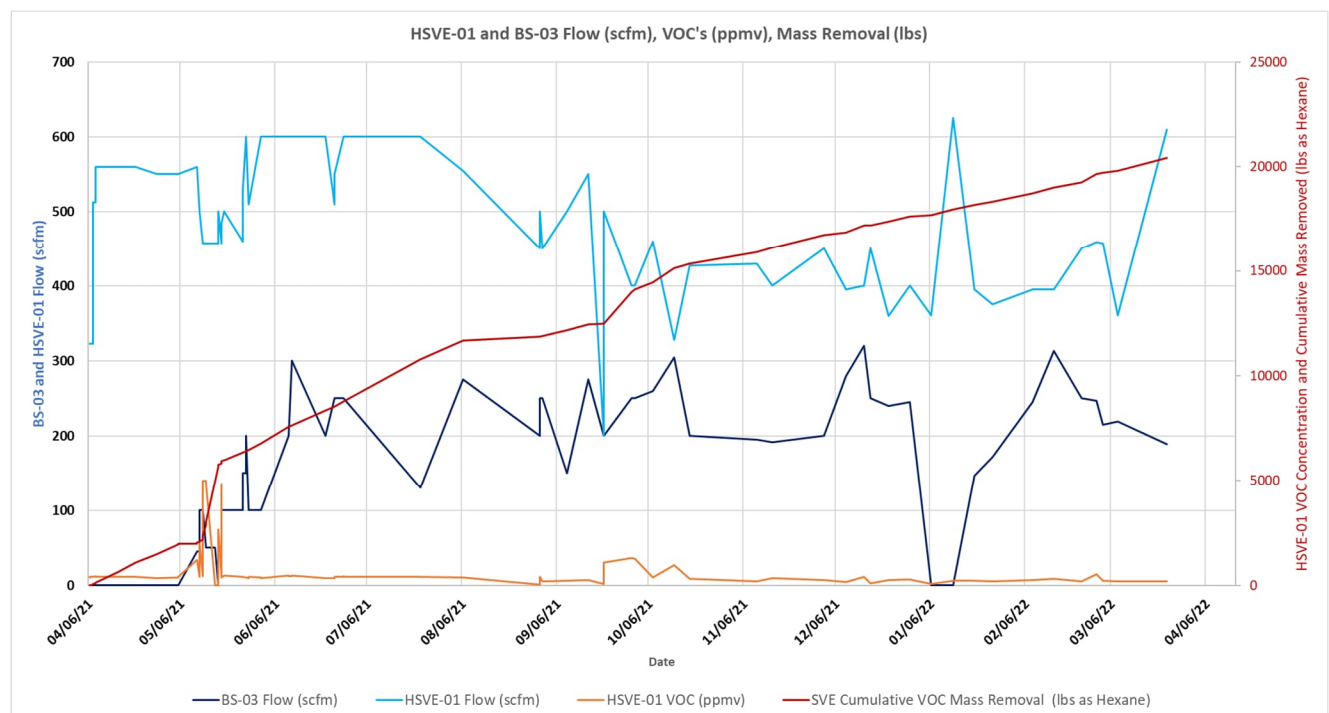


Exhibit 6. HSVE-01 and BS-03 Flow-scfm and VOCs-ppmv from April 2021 through March 2022

Groundwater elevations and LNAPL thicknesses were evaluated in the field during startup of HSVE-01 and BS-03 and Table 4 provides updated elevations and thicknesses from the first quarter 2022.

Monthly vapor samples from the SVE system (influent, influent post-dilution, and effluent) were collected in January, February, and March 2022. The vapor samples were delivered to Air Technology Laboratories in City of Industry, California, for the following analyses:

- Fixed gases (methane, CO₂, oxygen, and argon) using ASTM International (ASTM) D1946
- VOCs using U.S. Environmental Protection Agency (EPA) Method TO-15
- Total VOCs using EPA Method TO-3

The laboratory analytical reports and chain-of-custody documents for these samples are included in Appendix A.

Based on weekly monitoring of the influent vapor concentration, vapor extraction flow rate, and hours of operation, the total mass of VOCs removed by combined SVE systems was 1,785 pounds during the first quarter of 2022. Total mass recovered by the SVE system has consistently decreased since the first quarter of 2016 (where a high of 74,148 pounds of VOCs were recovered), when biosparging in the south-central area was implemented (see Figure 3). This finding is consistent with laboratory analytical data demonstrating that the influent VOC concentrations (benzene, toluene, ethylbenzene, and xylene [BTEX] and methyl tert butyl ether [MTBE]) have consistently decreased since initiating biosparging activities (Table 3, Figure 4), until startup of BS-02 (May 2020) and BS-03 (May 2021). The cumulative mass of VOCs removed since SVE was implemented in September 1995 is 3,643,293 pounds (Table 5). This cumulative mass removed by SVE does not include the mass removed by naturally occurring in-situ biodegradation.

Exhibit 7 illustrates the soil vapor field monitoring data prior to startup and during sustained operation of HSVE-01 and BS-03.

Existing SVE wells and monitoring wells were included as part of the vapor monitoring program; however, their relatively long screens that intersect the water table allow for direct volatilization of vapors from groundwater. Additionally, these SVE wells contain a large volume of air that is not purged during every sampling event; therefore, they can only be directly compared with a subset of SVM probes. Generally, these existing SVE wells and monitoring wells contain higher VOC concentrations and over- or under-estimate actual vacuum or pressure in the subsurface; however, they are still a useful indicator for optimization of BS-03 flows.

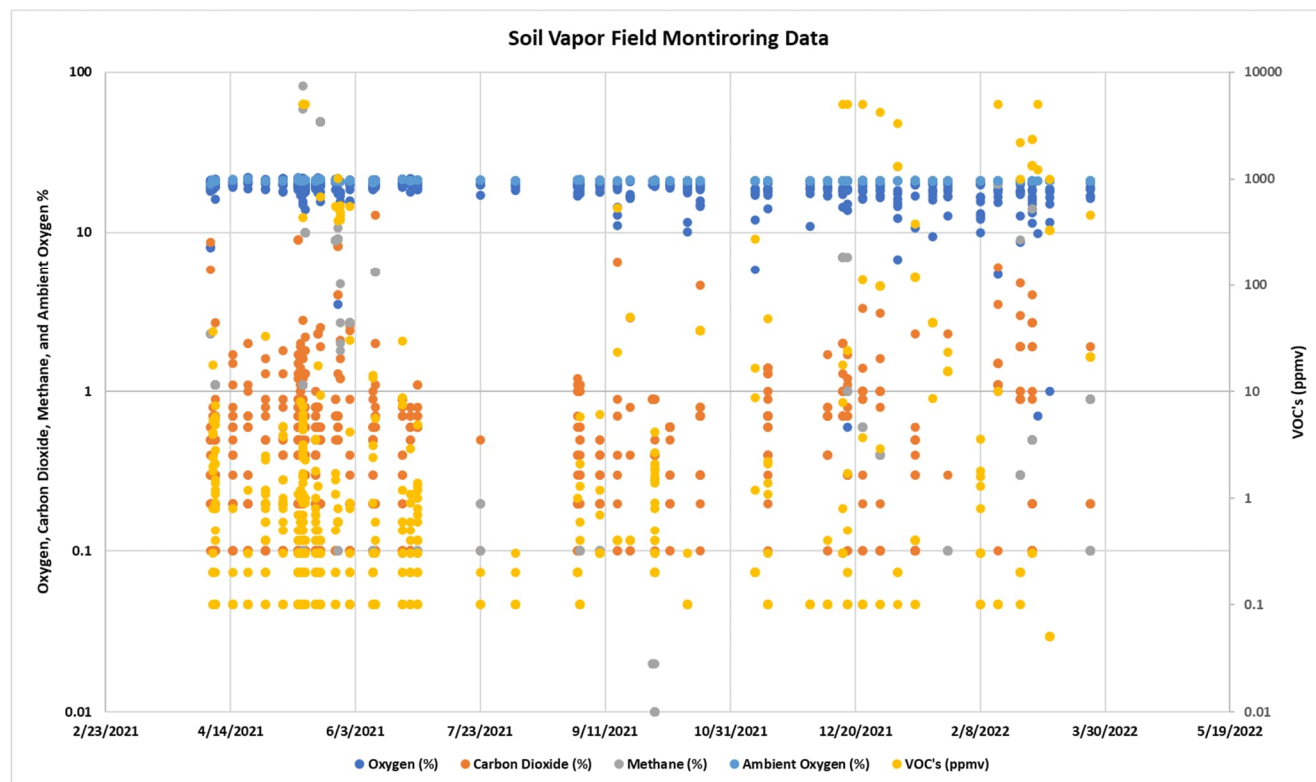


Exhibit 7. Soil Vapor Monitoring Field Screening Data (oxygen-%, carbon dioxide-%, methane-%, ambient oxygen-%, and VOCs-ppmv) from April 2021 through March 2022

During the first quarter 2022 operation of HSVE-01 and BS-03, soil vapor field monitoring data (VOCs) were slightly elevated (>10 ppmv) at the following locations: SVM-06D and SVM-06S, continuing on January 6 from a VOC spike on December 15 and began to approach concentrations below 10 ppm (see Exhibit 7 above) on January 20; SVM-06D and SVM-06S, starting on February 15 and began to approach concentrations below 10 ppm on March 24. These temporary increases in VOCs at SVM-06S/SVM-06D were likely due to an increase in the flow at BS-03, 288 scfm in mid-December and 313 scfm in mid-February, coupled with more rainfall events that can temporarily disrupt airflow in the formation. All other monitoring locations during the first quarter of 2022 were observed to be below 10 ppmv for VOCs.

Cumulative VOCs captured by HSVE-01 from startup (April 2021) through March 2022, were calculated using the same method used for previous SVE mass removal estimates and were observed to be approximately 20,400 pounds, averaging 36 lbs/day over the 90-day operation period. With biodegradation included, HSVE-01 has removed approximately 74,000 pounds of mass in this area. See Appendix D for a detailed data and operations narrative.

Overall, the combination of limited SVM probes with VOC detections in the offsite/south-central area combined with the sustained radius of capture on average of at least 200 feet (as detailed in previous quarterly remediation progress reports), supports continued operation and optimization of BS-03 and HSVE-01 without adversely affecting surficial soil vapors or aboveground residential locations. The trends related to HSVE-01/BS-03 and the offsite/south-central area demonstrate the following transition metrics are in progress:

- HSVE-01/BS-03 continues to work towards LNAPL mass recovery to the maximum hydraulic extent practicable using existing wells.
- Active LNAPL removal rate (e.g., through biosparging/SVE) is decreasing towards ambient NSZD degradation rate.

- A decrease in the volatile concentration of vapor-phase constituents over time.
- SVE systems are starting to illustrate a declining trend (similar to BS-01 and BS-02) based on decline curve analysis.
- Vapor-phase extents and concentrations are stable or decreasing in extent.

3.2 Natural Source Zone Depletion Assessment

Updated NSZD calculations and analysis, as detailed in the recently published draft final IRAP (Jacobs, 2022a), and discussed below, are also available to review in the *Natural Source Zone Depletion Preliminary Results* technical memorandum (Jacobs, 2020) provided in Appendix B. That technical memorandum explains in detail the NSZD monitoring methodology used at the site. Additional NSZD evaluations are ongoing and recent Ba¹⁴CO₃ sample results, received January 28, 2022, are being incorporated into the forthcoming *Natural Source Zone Depletion Final Results* technical memorandum (Jacobs, 2022c; in press).

The comparative analysis of E-Flux trap and Ba¹⁴CO₃ sampling techniques for the analysis of the C¹⁴ signature of CO₂ efflux showed that both methods produce comparable results. Going forward, only Ba¹⁴CO₃ sampling techniques will be used at the site as they allow collection of NSZD data in the offsite/south-central area where surface flux meters would not be effective because the area is mostly paved private (residential) property, and Ba¹⁴CO₃ sampling techniques allow the collection of a higher density of samples across the site.

This NSZD evaluation evaluates NSZD processes occurring in the subsurface with consideration of historical and future remedial activities (e.g., biosparging operation). In 2019, NSZD rates with active remedies temporarily suspended were measured at up to approximately 1,400 gallons per year (gal/year) (10,000 lb/year) in terms of biodegradation occurring in the subsurface.

The south-central area NSZD footprint is approximately 7 acres, the southeastern area is approximately 3 acres, and the offsite/south-central area is approximately 4 acres based on current dissolved-phase extents. On average across the site, this equates to approximately 100 gallons per acre per year (700 pounds per acre per year), recognizing each area at the site is at a different remedial phase and those average degradation rates vary in each area accordingly.

Additional NSZD analysis update will be provided in the second quarter remediation report following the receipt of additional soil gas data. These trends related to NSZD demonstrate the following transition metrics have been met or are in progress:

- The ambient NSZD degradation rate is of a similar magnitude as active biosparging mass removal rates, considering the depletion of LNAPL in biosparging areas.
 - In particular, the south-central area and southeastern areas have reached the transition point based on NSZD rates.
 - The offsite/south-central area biosparging continues to make progress towards an NSZD transition point.

4. Current Site Conditions, Trends, and Interpretation

Routine sampling and monitoring of groundwater, soil gas, and SVE influent and effluent are performed to evaluate changes to the nature and extent of petroleum hydrocarbon impacts across the site because of ongoing remedial activities, including active treatment systems and natural biodegradation. Currently, supplemental groundwater sampling is performed during the first and third quarter of each year by Jacobs as part of active remedial operations monitoring. Appendix E of this report contains the most recent groundwater analytical data from the first quarter 2022 sampling event. In addition, sitewide groundwater monitoring is performed by Jacobs and The Source Group, Inc. (SGI) during the second quarter (first semiannual monitoring event) and fourth quarter (second semiannual monitoring event) of each year. The most recent report and data are presented in the *Second Semiannual 2021 Groundwater Monitoring and Sampling Report, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California* (SGI, 2022), submitted to the Regional Board in January 2022, and *Fourth Quarter 2021 Remediation Progress Report, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California* (Jacobs, 2022d), submitted to the Regional Board in February 2022.

4.1 Groundwater Stability Trend Analysis and LNAPL Observations

As discussed in the draft final IRAP report (Jacobs, 2022a), groundwater monitoring data indicate that the dissolved-phase plumes are decreasing or stable across the site because of operating treatment systems and due to natural biodegradation. A statistical analysis of site groundwater data collected through November 2021 was conducted for total petroleum hydrocarbons quantified as gasoline (TPH-g) and benzene. In addition, located in Appendix E, an updated statistical analysis, including first quarter 2022 data, is presented demonstrating plume stability and decreasing extents.

Only TPH-g trend analysis is discussed in this report, as benzene results are similar to TPH-g results and TPH-g is a more useful (and conservative) proxy for evaluation of both sitewide dissolved phase hydrocarbons and LNAPL. The other, less prevalent contaminants of potential concern (COPCs) are detailed in previously published semiannual groundwater monitoring reports. The most recent fourth quarter 2021 (second semiannual) groundwater monitoring data is presented under separate cover by SGI in the standalone *Second Semiannual 2021 Groundwater Monitoring and Sampling Report* (SGI, 2022).

To summarize, the statistical groundwater analysis for TPH-g shows that most wells at the site (214 of 218 analyzed, or 98 percent) have either nondetect, decreasing, or stable trends for TPH-g when evaluated in the context of the entire dataset, including the fourth quarter 2021 and first quarter 2022 reporting periods (Appendix E). The exceptions to this historical pattern are wells GMW-O-18 and PZ-5 (both located in the southeastern area), and MW-15/R (located in the south-central area), which, in the context of the entire dataset, have exhibited increasing or statistically unstable concentrations over time. However, an more in-depth statistical analysis, evaluating discrete time periods based on treatment implementations at the site, indicates that since 2016 these three wells conform with the overall historical pattern described above, whereby the TPH-g concentrations in GMW-O-18 and MW-15/R have been stable, and the TPH-g concentration in PZ-5 has been decreasing. Moreover, the TPH-g concentrations in these three wells have all decreased by approximately 99% from their respective historical high concentrations. TF-23 is also a statistical outlier, exhibiting an overall increasing trend relative to the entire dataset, but is outside of the remediation treatment area described in this report and therefore will not be discussed further. A more detailed discussion of these outlier wells is provided in the draft final IRAP (Jacobs, 2022a).

These statistical analyses and compilation of the TPH-g trends demonstrate that the dissolved-phase plumes are stable and decreasing, have been stable and decreasing, and will continue decreasing across the site because of ongoing remedial operations and NSZD processes.

Historical LNAPL thicknesses are presented in Appendix E. During recent years, LNAPL has been detected in only a few wells at the site, four of which are in the remedial areas described in this report. In the fourth quarter 2021, three of the four wells were at a thickness one foot or less. These wells include GMW-23, GMW-29, GMW-30, and GMW-O-12, all of which have intermittent LNAPL presence with a maximum thickness of 0.72 foot, with the exception of GMW-23 (observed 5.97 feet of LNAPL in March 2022). GMW-O-12 and GMW-30 were not gauged in the first quarter of 2022. The observed thickness in GMW-23 is a result of continued decline in groundwater elevations in the uppermost groundwater zone (Figure 5).

An updated LNAPL extent map is included on Figure 5. Overall, the horizontal and vertical distribution of LNAPL at this site is well defined and the four wells containing LNAPL at the site exhibit exaggerated LNAPL thickness and intermittent near residual LNAPL presence behavior due to changes in groundwater elevation/precipitation.

Following the baildown of LNAPL and sampling at GMW-23 in August 2021, gauging was continued throughout the quarter at this well to assist in calculating transmissivity. Using the American Petroleum Institute (API) transmissivity workbook (API, 2016), gauging data (depth to product, depth to water) were used to calculate an estimated transmissivity at the well. Transmissivity at this well was calculated to be less than 0.01 square foot per day (ft²/day). Calculations of these testing events and results are available in Appendix F. Overall, transmissivity data indicate LNAPL beneath the site is at or near residual saturation, and recovery of LNAPL from the limited locations where it currently exists would be ineffective based on published guidance from the Interstate Technology and Regulatory Council (ITRC) (ITRC, 2018).

The trends related to dissolved-phase groundwater and LNAPL (where present) at the site demonstrate the following transition metrics have been met:

- LNAPL mass recovery to the maximum hydraulic extent practicable:
 - Only four wells remain with measurable LNAPL; three are less than 1 foot in thickness and intermittent in presence, and the fourth is greater than 1 foot in thickness, which demonstrates a transmissivity an order of magnitude lower than ITRC guidance for recoverability

Dissolved-phase groundwater data demonstrate:

- Decrease in the ratio of more volatile to less volatile dissolved-phase constituents over time
- Stable or decreasing dissolved-phase plume extents and concentrations across the site
 - Downgradient contingency wells have been and remain nondetect

4.2 Soil Vapor Monitoring Program

Kinder Morgan utilizes a network of 31 dual- or triple-nested SVM probes located within and around the three areas of ongoing treatment and monitoring at the site (Figure 2). These SVM probes comprise 65 unique sample intervals from approximately 5, 10, and 15 ft bgs that are available for monitoring. This network of probes has expanded in recent years to support ongoing remedial action and performance monitoring.

As part of the redevelopment of the 15-acre parcel by the City of Norwalk, the following soil vapor probes will be destroyed in the second quarter of this year: SVM-17, SVM-18, SVM-19, and SVM-20. Similarly, in the offsite/south-central area, soil vapor probes SVM-15 will be destroyed in preparation for planned construction at the private property located at 12247 Cheshire Street.

Additional site background information and historical data from long-term SVM can be found in the recently published draft final IRAP (Jacobs, 2022a), in previously submitted quarterly remediation progress reports available for download on GeoTracker, and in the standalone *Fourth Quarter 2021 Soil Vapor Monitoring* technical memorandum (SGI, 2022b).

During the first quarter of 2022, 65 native samples were collected (Figure 2) using 1.4-liter Summa canisters. Three ambient air samples were also collected. Sampling was performed in accordance with the Department of Toxic Substances Control's (DTSC) Advisory for Active Soil Gas Investigations (DTSC, 2015). The samples were analyzed for the following analytes:

- VOCs using EPA Method TO-15
- TPH-g using EPA Method TO-3
- Fixed gases (CO₂, methane, and oxygen) using EPA Method 3CM

Included in the TO-15 list of analytes were BTEX, MTBE, naphthalene, tertiary butyl alcohol, 1,2-dichloroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, n-butylbenzene, sec-butylbenzene, isopropylbenzene, n-propylbenzene, and 2-propanol (the leak test compound). These constituents were identified as COPCs based on the results of the Vapor Intrusion Sampling and Human Health Risk Assessment (Geomatrix, 2006).

4.3 Soil Vapor Monitoring Results

Analytical results for samples collected during the March 2022 sampling event will be presented in the forthcoming *First Quarter 2022 Soil Vapor* technical memorandum.

5. Transition Metric Summary, Planned 2022 Activities, and Recommendations

This section provides summary-level descriptions of the remedy transition metrics, planned 2022 activities, and recommendations for a path forward.

5.1 Transition Metric Summary

The primary observations in this report are as follows:

BS-01 (South-Central Area)

- BS-01 previously met all transition metrics as defined in the draft final IRAP and the NSZD remedy is operating.
- BS-01 continues to meet dissolved-phase groundwater and vapor contingency metrics:
 - All shallow SVM probes in the south-central area, which function as part of the contingency metrics defined in the draft final IRAP, have been and continue to be below EPA regional screening level (RSLs) (with and without active remediation).
- The LNAPL present in GMW-23, also continues to meet the LNAPL contingency criteria (transmissivity of 0.01 ft²/day, an order of magnitude below the ITRC effective recoverability endpoint):
 - Monitoring at GMW-23 will continue as it is still recovering to static fluid levels.

BS-02 (Southeastern Area)

The trends related to BS-02 and the southeastern area demonstrate all transition metrics are being met:

- LNAPL mass has been recovered to the extent practicable.
 - No wells in this area had measurable LNAPL during the first quarter of 2022.
- Active LNAPL removal rate (e.g., through biosparging/SVE) is of similar magnitude to the ambient NSZD degradation rate.
- The ratio of more volatile to less volatile vapor-phase constituents has decreased over time.
- SVE systems have reached a transition point based on decline curve analysis:
 - The initial observation of BS-02 biosparging performance with initial VOC mass removal rates of 36,000 lbs/yr has showed a steady decline in a similar trend as BS-01, currently at a VOC mass removal rate of approximately 700 lbs/yr (below the transition point for BS-01, 3,600 lbs/yr).
- Vapor-phase extents and concentrations are stable or decreasing (SVE wellfield gases).
 - All shallow SVM probes in the southeastern area, which function as part of the contingency metrics defined in the draft final IRAP, have been and continue to be below EPA RSLs (with and without active remediation).
- Dissolved-phase groundwater data demonstrate:
 - A decrease in the ratio of more volatile to less volatile dissolved-phase constituents over time
 - Stable or decreasing dissolved-phase plume extents and concentrations across the site
- Contingencies in the southeastern area will be primarily based on dissolved-phase plume stability:
 - Currently downgradient contingency wells have been and remain nondetect

HSVE-01 and BS-03 (Offsite/South-Central Area)

The trends related to HSVE-01/BS-03 and the offsite/south-central area demonstrate that the following transition metrics are in progress:

- HSVE-01/BS-03 continues to work towards LNAPL mass recovery to the maximum hydraulic extent practicable using existing wells.
- Active LNAPL removal rate (e.g., through biosparging/SVE) is decreasing toward the ambient NSZD degradation rate.
- Volatile concentration of vapor-phase constituents is decreasing over time.
- SVE systems are starting to exhibit a declining trend (similar to BS-01 and BS-02) based on decline curve analysis:
 - HSVE-01 has removed approximately 20,400 pounds of VOCs since startup (April 2021), averaging 36 lbs/day over the 90-day operation period during the first quarter of 2022.
 - With biodegradation included, HSVE-01 has removed approximately 74,000 pounds of mass in this area.
- Vapor-phase extents and concentrations are stable or decreasing in extent:
 - All shallow probes in the offsite/south-central area function as part of the contingency metrics defined in the draft final IRAP; the probes have been and continue to be below EPA RSLs (with and without active remediation).
 - Combined with the sustained radius of capture of at least 200 feet, observed system performance supports continued operation and optimization of BS-03 and HSVE-01 without adversely affecting surficial soil vapors or aboveground residential locations.
- Other than biosparge system optimization (i.e., adjustment of flow rates), there are no contingencies active as the offsite/south-central area is continuing to undergo active biosparging.

NSZD

- NSZD observations relevant to each subarea are described above. Sitewide NSZD observations are summarized as follows:
 - Ongoing NSZD occurred under ambient conditions at rates of at least 600 gal/year and up to 1,800 gal/year (at least 4,000 lb/year and up to 12,000 lb/year) across the entire site.
 - NSZD rates continue to decline over time as the overall LNAPL mass remaining at the site is depleted.
 - Based on the receipt of final C¹⁴ laboratory analysis in January of 2022, the *Natural Source Zone Depletion Final Results* technical memorandum (Jacobs, 2022c; in press) provides a comprehensive review of spatial and temporal distributions of NSZD rates and methods.

5.2 Planned 2022 Activities

The following maintenance activities and other tasks are planned for 2022:

- Conduct semiannual soil vapor monitoring events and quarterly groundwater monitoring events.
- Submit soil vapor monitoring technical memorandums to the Regional Board.
- Submit *Natural Source Zone Depletion Final Results* technical memorandum to Regional Board.

- Obtain draft final IRAP approval and suspend BS-02 and vertical SVE operations in the southeastern area for implementation of NSZD.
- Conduct an NSZD data collection event in the southeastern area in second or third quarter 2022.
- Continue to operate and optimize the offsite/south-central horizontal SVE well, HSVE-01, and horizontal biosparge well BS-03 with opportunistic site visits (approximately biweekly to monthly).
- Perform system maintenance and measure weekly VOC concentrations (as hexane) at the influent and effluent of the RTO system.
- Collect monthly vapor samples at the influent and effluent of the RTO system and analyze the samples for VOCs using EPA Method TO-15, total VOCs as hexane using method TO-3, and fixed gases using method ASTM D1946.
- Destruction of monitoring well GMW-O-15 due to lodged TFE pump.
- As part of the redevelopment of the 15-acre parcel by the City of Norwalk, the following wells will be destroyed: GMW-SF-7, GMW-SF-9, GMW-SF-10 (including the conveyance line connecting these three wells to the treatment system), PZ-7A, PZ-7B, PZ-8A, PZ-8B, PZ-9A, PZ-9B, GMW-37, and GMW-38. In addition, the following wells will be converted from above grade to flush mount completions: EXP-3, GMW-SF-8, and GMW-39. The following soil vapor probes will be destroyed: SVM-17, SVM-18, SVM-19, and SVM-20. Monitoring well and soil vapor probe destruction will be conducted in the second quarter 2022.
- Due to the development of the private property located at 12247 Cheshire Street, the following remediation wells will be destroyed: GMW-O-23 and MW-O-1 (including a portion of the conveyance line connecting these two wells to the treatment system). In addition, soil vapor probe SVM-15 will be destroyed. Monitoring well and soil vapor probe destruction will be conducted in the second quarter 2022.

5.3 Recommendations and Path Forward

During the second quarter 2022, Kinder Morgan plans to continue remedial activities in the offsite/south-central area of the site with the operation of BS-03 and HSVE-01. Kinder Morgan plans to suspend operations at BS-02 and associated vertical SVE well network and transition to NSZD upon approval of the draft final IRAP (Jacobs, 2022a). Continued collection and evaluation of monitoring data for the offsite/south-central remedial system (BS-03 and HSVE-01) will occur as part of second quarter 2022 operations. Newly acquired data will be presented in the next quarterly remediation progress report.

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Tables

Table 1. Remediation Well Construction and Status

SFPP Norwalk Pump Station, Norwalk, California

| Remediation Area | Remediation Well ID | Installation Date | Top of Well Casing Elevation | Well Screen Interval | Remediation Well Function | Well Operation Status During First Quarter 2022 | |
|-----------------------|---------------------|-------------------|------------------------------|----------------------|---------------------------|---|---------|
| | | | (feet msl) | (feet bgs) | | SVE/BS | TFE/GWE |
| South-Central | MW-SF-1 | 6/18/1990 | 78.93 | 25 - 40 | SVE | OFF | OFF |
| | MW-SF-2 | 6/18/1990 | 78.53 | 25 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-3 | 6/18/1990 | 78.12 | 25 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-4 | 6/19/1990 | 79.38 | 25 - 40 | SVE | OFF | -- |
| | MW-SF-5 | 9/19/1990 | 79.74 | 23 - 38 | SVE | OFF | -- |
| | MW-SF-6 | 9/19/1990 | 76.80 | 25 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-9 | 6/15/1995 | 74.10 | -- | SVE | OFF | -- |
| | MW-SF-10 | 9/23/2003 | 76.53 | 10 - 30 | SVE | OFF | -- |
| | MW-SF-11 | 6/19/2007 | 78.56 | 20 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-12 | 6/18/2007 | 78.07 | 20 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-13 | 6/19/2007 | 73.40 | 20 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-14 | 6/21/2007 | 78.16 | 20 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-15 | 6/21/2007 | 78.27 | 20 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-16 | 6/20/2007 | 78.21 | 20 - 40 | SVE; TFE | OFF | OFF |
| | MW-SF-17 | -- | -- | -- | SVE | OFF | -- |
| | MW-18 (MID) | 6/10/1991 | 75.67 | 50 - 60 | SVE | OFF | -- |
| | GMW-9 | 7/8/1991 | 77.16 | 20 - 50 | SVE; TFE | OFF | OFF |
| | GMW-10 | 7/8/1991 | N/A | 25 - 50 | SVE; TFE | OFF | OFF |
| | GMW-22 | 8/2/1991 | 77.24 | 25 - 60 | SVE; TFE | OFF | OFF |
| | GMW-24 | 8/5/1991 | 77.48 | 25 - 60 | SVE; TFE | OFF | OFF |
| | GMW-25 | 1/10/1992 | 78.14 | 20 - 50 | SVE; TFE | OFF | OFF |
| | GWR-3 | 1/10/1992 | 77.60 | 20 - 50 | SVE; TFE | OFF | OFF |
| | VEW-1 | 09/19/90 | -- | 5 - 25 | SVE | OFF | -- |
| VEW-2 | 09/19/90 | -- | 5 - 25 | SVE | OFF | -- | |
| BS-01 | 08/27/14 | 75.06 | -- | BIOSPARGE | OFF | -- | |
| South-Central Offsite | MW-O-1 | 1/22/1991 | 75.48 | 25 - 40 | SVE | OFF | -- |
| | MW-O-2 | 1/23/1991 | 71.90 | 25 - 40 | SVE; TFE | OFF | OFF |
| | GMW-O-11 | 5/20/1992 | 74.17 | 20 - 50 | SVE; TFE | OFF | OFF |
| | GMW-O-12 | 5/21/1992 | 73.49 | 20 - 50 | SVE | OFF | -- |
| | GMW-O-20 | 6/15/1995 | 73.32 | -- | SVE; TFE | OFF | OFF |
| | GMW-O-21 | 10/1/1997 | 71.43 | 26 - 46 | TFE | -- | OFF |
| | GMW-O-23 | 6/25/2007 | 73.63 | 20 - 40 | SVE; TFE | OFF | OFF |
| | HSVE-01 | 12/17/2019 | -- | -- | SVE | ON | -- |
| | BS-03 | 12/13/2019 | -- | -- | BIOSPARGE | ON | -- |
| | HW-1 | 9/6/1992 | -- | -- | SVE | Abandoned 2019 | |
| | HW-2 | 9/6/1992 | -- | -- | SVE | Abandoned 2019 | |

Table 1. Remediation Well Construction and Status

SFPP Norwalk Pump Station, Norwalk, California

| Remediation Area | Remediation Well ID | Installation Date | Top of Well Casing Elevation | Well Screen Interval | Remediation Well Function | Well Operation Status During First Quarter 2022 | |
|-------------------|---------------------|-------------------|------------------------------|----------------------|---------------------------|---|---------|
| | | | (feet msl) | (feet bgs) | | SVE/BS | TFE/GWE |
| Southeastern | GMW-O-15 | 4/19/1994 | 74.23 | 20 - 50 | SVE; TFE | OFF | OFF |
| | GMW-O-16 | 4/19/1994 | 74.10 | 20 - 50 | SVE | ON | -- |
| | GMW-O-18 | 7/25/1994 | 74.36 | 21 - 40 | SVE; TFE | ON | OFF |
| | GMW-O-19 | 7/29/1994 | 74.46 | 20 - 40 | SVE | ON | -- |
| | GMW-36 | 4/11/1994 | 76.66 | 20 - 50 | SVE; TFE | ON | OFF |
| | GMW-SF-9 | 4/1/2003 | 73.05 | 37 - 46 | TFE | -- | OFF |
| | GMW-SF-10 | 4/2/2003 | 75.77 | 37 - 46 | TFE | -- | OFF |
| | MW-8 | 8/24/1990 | 76.06 | 18 - 48 | SVE | ON | -- |
| | VEW-3 | 3/7/2019 | -- | 23 - 32.5 | SVE | ON | -- |
| | VEW-4 | 3/8/2019 | -- | 23 - 32.5 | SVE | ON | -- |
| | VEW-5 | 3/8/2019 | -- | 23 - 32.5 | SVE | ON | -- |
| BS-02 | 11/21/17 | -- | -- | BIOSPARGE | ON | -- | |
| West Side Barrier | BW-2 | 5/20/1996 | 73.57 | 27 - 47 | GWE | -- | OFF |
| | BW-3 | 5/17/1996 | 74.16 | 31 - 50 | GWE | -- | OFF |
| | BW-4 | 5/20/1996 | 74.61 | 28 - 47 | GWE | -- | OFF |
| | BW-5 | 5/23/1996 | 73.59 | 27 - 46 | GWE | -- | OFF |
| | BW-6 | 5/22/1996 | 73.48 | 28 - 47 | GWE | -- | OFF |
| | BW-7 | 5/22/1996 | 74.65 | 27 - 46 | GWE | -- | OFF |
| | BW-8 | 5/21/1996 | 75.08 | 27 - 46 | GWE | -- | OFF |
| | BW-9 | 5/21/1996 | 76.19 | 27 - 46 | GWE | -- | OFF |

Notes:

-- = information not available or not applicable

bgs = below ground surface

BS = biosparge

GWE = groundwater extraction

HSVE = horizontal soil vapor extraction

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

SVE = soil vapor extraction

TFE = total fluids extraction

Table 2. Extracted Vapor Analytical Results
SFPF Norwalk Pump Station, Norwalk, California

| Date Sampled | ASTM D-1946 | | | EPA TO-3 | | SCAQMD 25.1 | EPA TO-15 (VOCs) ^b | | | | |
|--------------|---------------------|---------------------|-----------------------|--------------|-------------|---------------|-------------------------------|----------------------|----------------|----------------|-------------|
| | Methane (%v) | Carbon Dioxide (%v) | Oxygen and Argon (%v) | TPH-g (ppmv) | TVOC (ppmv) | TGNMOC (ppmv) | Benzene (ppbv) | Ethyl-benzene (ppbv) | Toluene (ppbv) | Xylenes (ppbv) | MTBE (ppbv) |
| 8/3/2007 | <0.5 | <0.5 | 22.0 | 63 | --- | --- | 650 | 220 | 1,100 | 1,420 | 55 |
| 9/5/2007 | <0.5 | <0.5 | 22.0 | 9 | --- | --- | 32 | 48 | 140 | 320 | 18 |
| 10/2/2007 | <0.5 | <0.5 | 21.9 | 27 | --- | --- | 250 | 75 | 430 | 610 | 20 |
| 11/2/2007 | <0.5 | <0.5 | 22.1 | 5 | --- | --- | 40 | 10 | 74 | 95 | 7 |
| 2/1/2008 | <0.5 | <0.5 | 21.8 | 100 | --- | --- | 830 | 260 | 2,200 | 1,850 | <50 |
| 3/4/2008 | <0.5 | <0.5 | 21.7 | 50 | --- | --- | 380 | 98 | 570 | 1,250 | 36 |
| 4/8/2008 | <0.5 | <0.5 | 22.2 | 69 | --- | --- | 290 | 110 | 480 | 1,040 | 41 |
| 5/23/2008 | <0.5 | <0.5 | 21.8 | 14 | --- | --- | 180 | 24 | 190 | 280 | 23 |
| 6/3/2008 | <0.5 | <0.5 | 21.7 | 30 | --- | --- | 380 | 42 | 400 | 330 | 70 |
| 7/2/2008 | <0.5 | <0.5 | 21.4 | 49 | --- | --- | 32 | 6 | 34 | 45 | 10 |
| 8/19/2008 | <0.5 | 1.7 | 20.8 | 50 | --- | --- | 390 | 63 | 230 | 450 | 40 |
| 9/5/2008 | <0.5 | 2.0 | 21.2 | 22 | --- | --- | 130 | 39 | 130 | 340 | 42 |
| 10/7/2008 | <0.5 | 1.43 | 21.4 | 10 | --- | --- | 41 | 15 | 54 | 181 | 6.8 |
| 11/4/2008 | <0.5 | 2.08 | 21.1 | 7.5 | --- | --- | 31 | 47 | 190 | 242 | <2.0 |
| 3/6/2009 | <0.5 | <0.5 | 22.0 | 83 | --- | --- | 1,900 | 180 | 990 | 770 | 240 |
| 4/17/2009 | <0.5 | <0.5 | 22.2 | 3.1 | --- | --- | 140 | 8 | 37 | 68 | 26 |
| 5/29/2009 | <0.5 | 1.08 | 21.0 | 130 | --- | --- | 1,700 | 640 | 3,700 | 3,100 | 100 |
| 8/18/2009 | <0.5 | 0.78 | 21.7 | 28 | --- | --- | 380 | 37 | 290 | 310 | 33 |
| 8/25/2009 | <0.5 | 0.87 | 20.6 | 37 | --- | --- | 500 | 44 | 320 | 293 | 20 |
| 9/18/2009 | <0.5 | 0.37 | 21.6 | 11 | --- | --- | 75 | 11 | 39 | 107 | 3 |
| 10/29/2009 | <0.5 | 1.80 | 18.2 | 77 | --- | --- | 350 | 45 | 250 | 440 | 4 |
| 11/25/2009 | <0.5 | <0.5 | 21.1 | 14 | --- | --- | 110 | 12 | 110 | 164 | 11 |
| 12/15/2009 | <0.5 | <0.5 | 21.7 | 7 | --- | --- | 28 | 3 | 20 | 47 | <3.2 |
| 2/26/2010 | <0.5 | 0.4 | 21.2 | 20 | --- | --- | 300 | 18 | 220 | 260 | 21 |
| 3/26/2010 | <0.5 | 1.0 | 20.2 | 18 | --- | --- | 380 | 20 | 110 | 90 | 5 |
| 5/4/2010 | <0.5 | 0.4 | 21.4 | 13 | --- | --- | 100 | 42 | 170 | 222 | 3 |
| 6/29/2010 | <0.5 | 0.4 | 21.3 | 9 | --- | --- | 74 | 13 | 66 | 82 | <5.0 |
| 8/3/2010 | <0.5 | 0.6 | 20.4 | 29 | --- | --- | 210 | 13 | 64 | 85 | 9 |
| 8/31/2010 | 0.0039 ^c | <0.5 | 21.4 | 11 | --- | --- | 72 | 12 | 66 | 87 | 8 |
| 9/14/2010 | <0.5 | <0.5 | 21.6 | 6 | --- | --- | 63 | 15 | 57 | 84 | <3.2 |
| 11/2/2010 | -- | -- | -- | 11 | --- | --- | 140 | <10 | 31 | 28 | <10 |
| 11/17/2010 | 0.00075 | 0.4 | 22.0 | -- | --- | --- | -- | -- | -- | -- | -- |
| 12/28/2010 | 0.0052 | 0.27 | 22.0 | 16 | --- | --- | 160 | 37 | 230 | 324 | 4.5 |
| 1/14/2011 | 0.016 | 0.20 | 22.0 | 68 | --- | --- | 340 | 34 | 89 | 183 | <10 |
| 2/8/2011 | 0.026 | 0.24 | 21.0 | 210 | --- | --- | 3,000 | 1,700 | 11,000 | 7,400 | 110 |
| 3/29/2011 | 0.013 | 0.13 | 20.0 | 5 | --- | --- | 170 | 15 | 18 | 41.5 | <2.5 |
| 4/26/2011 | 0.0011 | 0.079 | 20.0 | 1.9 | --- | --- | 16 | 2.4 | 8.8 | 7.7 | <1.2 |
| 5/17/2011 | 0.021 | 0.65 | 22.0 | 90 | --- | --- | 2,600 | 140 | 2,200 | 1,100 | 220 |
| 6/17/2011 | 0.001 | 0.20 | 22.0 | 3 | --- | --- | 59 | 8.1 | 31 | 56 | <0.25 |
| 7/19/2011 | 0.0056 | 0.49 | 22.0 | 80 | --- | --- | 1,800 | 130 | 2,200 | 1,000 | <31 |
| 8/16/2011 | 0.0026 | 0.31 | 22.0 | 140 | --- | --- | 3,000 | 600 | 4,000 | 2,330 | 490 |
| 9/20/2011 | -- | -- | -- | 100 | --- | --- | 2,100 | 740.0 | 2,700 | 2,040 | 660 |
| 11/22/2011 | 0.070 | 0.70 | 20.0 | 11 | --- | --- | 150 | 12.0 | 67 | 35 | <5.0 |
| 12/20/2011 | 0.020 | 0.34 | 22.0 | 0 | --- | --- | 110 | <25 | 260 | 216 | <25 |
| 1/10/2012 | 0.010 | 0.66 | 20.0 | 11 | --- | --- | 150 | 14 | 86 | 160 | <12 |
| 2/28/2012 | 0.0067 | 0.90 | 20.0 | 27 | --- | --- | 140 | 42 | 140 | 224 | <25 |
| 3/13/2012 | 0.0044 | 0.71 | 20.0 | 27 | --- | --- | 440 | 38 | 450 | 241 | <25 |
| 4/27/2012 | 0.0290 | 0.22 | 21.0 | 39 | --- | --- | 540 | 42 | 630 | 299 | <25 |
| 5/22/2012 | 0.0100 | 0.31 | 20.0 | 65 | --- | --- | 590 | 350 | 770 | 2,070 | <12 |
| 6/19/2012 | 0.0028 | 0.41 | 21.0 | 17 | --- | --- | 130 | 26 | 150 | 162 | <12 |
| 7/27/2012 | 0.0059 | 0.40 | 21.0 | 13 | --- | --- | 46 | <5 | 33 | 78 | <5 |
| 8/30/2012 | 0.0049 | 0.56 | 21.0 | 69 | --- | --- | 150 | <25 | 66 | 194 | <25 |
| 9/25/2012 | 0.0073 | 0.80 | 21.0 | 57 | --- | --- | 190 | 19 | 120 | 283 | <2.5 |
| 10/30/2012 | 0.0099 | 0.96 | 21.0 | 50 | --- | --- | 380 | <50 | 230 | 130 | <50 |
| 12/11/2012 | 0.0074 | 0.84 | 21.0 | 53 | --- | --- | 130 | 17 | 110 | 173 | <5.0 |
| 1/29/2013 | 0.0028 | 0.29 | 22.0 | 1.4 | --- | --- | 8.7 | <1.2 | 9.4 | 9.6 | <1.2 |
| 2/12/2013 | 0.0057 | 0.88 | 21.0 | 60 | --- | --- | 500 | <50 | 440 | 400 | <50 |
| 3/19/2013 | 0.0058 | 0.80 | 21.0 | 77 | --- | --- | 560 | 66 | 490 | 520 | <40 |
| 4/16/2013 | 0.0079 | 0.74 | 21.0 | 53 | --- | --- | 430 | 29 | 240 | 193 | <25 |
| 5/14/2013 | 0.017 | 1.6 | 19 | 280 | --- | --- | 1,700 | 190 | 1,800 | 840 | <12 |

Table 2. Extracted Vapor Analytical Results
SFPP Norwalk Pump Station, Norwalk, California

| Date Sampled | ASTM D-1946 | | | EPA TO-3 | | SCAQMD 25.1 | EPA TO-15 (VOCs) ^b | | | | |
|--|--------------|---------------------|-----------------------|--------------|-------------|---------------|-------------------------------|----------------------|----------------|----------------|-------------|
| | Methane (%v) | Carbon Dioxide (%v) | Oxygen and Argon (%v) | TPH-g (ppmv) | TVOC (ppmv) | TGNMOC (ppmv) | Benzene (ppbv) | Ethyl-benzene (ppbv) | Toluene (ppbv) | Xylenes (ppbv) | MTBE (ppbv) |
| 6/28/2013 | 0.0068 | <0.010 | 21 | 22 | --- | --- | 190 | <25 | 130 | 131 | <25 |
| SVE system down for repair from July 16, 2013, to September 17, 2013. | | | | | | | | | | | |
| 9/20/2013 | 0.014 | 1 | 21 | 590 | --- | --- | 4,200 | 520 | 3,600 | 2,830 | <40 |
| 10/15/2013 | 0.011 | 0.68 | 21 | 410 | --- | --- | 3,500 | 360 | 2,800 | 1,970 | <20 |
| 11/12/2013 | 0.012 | 0.66 | 21 | 430 | --- | --- | 2,900 | 440 | 2,600 | 1,930 | <15 |
| 12/10/2013 | 0.013 | 0.92 | 21 | 910 | --- | --- | 8,400 | 920 | 7,200 | 5,500 | <50 |
| 1/17/2014 | 0.0077 | 0.57 | 21 | 350 | --- | --- | 6,600 | 6,800 | 8,200 | 23,300 | 3,000 |
| 2/11/2014 | 0.011 | 0.60 | 21 | 640 | --- | --- | 6,600 | 570 | 6,000 | 3,800 | <100 |
| 3/21/2014 | 0.0050 | 0.40 | 21 | 390 | --- | --- | 4,500 | 290 | 4,000 | 1,930 | <50 |
| 4/21/2014 | 0.011 | 0.65 | 21 | 700 | --- | --- | 6,900 | 370 | 6,900 | 3,400 | <40 |
| SVE system down for repair from April 29, 2014, to May 13, 2014. | | | | | | | | | | | |
| 5/27/2014 | 0.011 | 0.56 | 21 | 530 | --- | --- | 6,600 | 570 | 8,900 | 3,820 | <50 |
| 6/13/2014 | 0.0076 | 0.49 | 21 | 780 | --- | --- | 10,000 | 1,200 | 15,000 | 7,100 | <80 |
| SVE system down for repair and permit modification from July 1, 2014, to March 27, 2015. | | | | | | | | | | | |
| 3/31/2015 | 0.090 | 1.3 | 20 | 1,400 | --- | 1,300 | 12,000 | 1,000 | 11,000 | 7,400 | <200 |
| 4/7/2015 | 0.014 | 0.56 | 21 | --- | --- | 710 | 8,200 | 8,200 | 610 | 3,260 | <160 |
| 5/5/2015 | --- | --- | --- | --- | --- | 760 | 6,100 | 1,100 | 9,600 | 7,200 | <140 |
| 6/30/2015 | 0.0065 | 0.37 | 21 | --- | --- | 270 | 3,100 | 380 | 3,800 | 2,820 | <160 |
| 7/14/2015 | 0.0094 | 0.62 | 21 | --- | --- | 650 | 7,000 | 950 | 7,900 | 6,100 | <200 |
| 8/4/2015 | 0.0053 | 0.49 | 21 | --- | --- | 560 | 6,200 | 710 | 7,700 | 4,800 | <0.097 |
| 8/17/2015 ^c | --- | --- | --- | --- | --- | 470 | 4,800 | 500 | 5,400 | 3,600 | <0.099 |
| 8/17/2015 ^c | --- | --- | --- | --- | --- | 470 | 5,000 | 520 | 5,800 | 3,870 | <0.100 |
| 8/17/2015 ^c | --- | --- | --- | --- | --- | 480 | 5,100 | 580 | 6,100 | 4,000 | <0.097 |
| 8/17/2015 ^c | --- | --- | --- | --- | --- | 480 | 5,200 | 580 | 6,300 | 4,100 | <0.099 |
| 9/1/2015 ^c | --- | --- | --- | --- | --- | 670 | 7,000 | 850 | 8,700 | 6,900 | <0.097 |
| 9/1/2015 ^c | --- | --- | --- | --- | --- | 930 | 12,000 | 1,500 | 14,000 | 11,400 | <0.140 |
| 9/1/2015 ^c | --- | --- | --- | --- | --- | 890 | 12,000 | 2,300 | 20,000 | 14,300 | <0.140 |
| 10/6/2015 | 0.0067 | 0.43 | 21 | --- | --- | 960 | 14,000 | 3,100 | 25,000 | 15,900 | <200 |
| 11/10/2015 | 0.0028 | 0.30 | 21 | --- | 860 | --- | 9,100 | 1,800 | 15,000 | 9,400 | <97 |
| 12/10/2015 | 0.004 | 0.41 | 21 | --- | 580 | --- | 6,400 | 1,200 | 10,000 | 7,600 | <120 |
| 1/4/2016 ^c | 0.0059 | 0.27 | 22 | --- | 750 | --- | 9,600 | 2,400 | 20,000 | 13,500 | <220 |
| 2/4/2016 ^c | 0.0038 | 0.58 | 21 | --- | 2,000 | --- | 16,000 | 2,600 | 29,000 | 19,300 | <610 |
| 3/3/2016 ^c | 0.004 | 0.64 | 21 | --- | 1,200 | --- | 11,000 | 3,000 | 27,000 | 27,500 | <130 |
| 4/5/2016 | 0.033 | 0.49 | 21 | --- | 400 | --- | 3,900 | 5,500 | 7,300 | 4,600 | <63 |
| 5/13/2016 | 0.0034 | 0.50 | 21 | --- | 290 | --- | 2,200 | 300 | 4,300 | 810 | <23 |
| 6/7/2016 | 0.0065 | 0.32 | 21 | --- | 150 | --- | 1,000 | 25 J | 1,100 | 117 J | <36 |
| 7/7/2016 | 0.014 | 0.48 | 21 | --- | 170 | --- | 1,000 | 220 | 2,500 | 1,630 | <51 |
| 8/2/2016 | 0.0047 | 0.54 | 21 | --- | 260 | --- | 1,900 | 720 | 5,000 | 7,400 | <22 |
| 9/7/2016 | 0.0066 | 0.53 | 21 | --- | 250 | --- | 1,600 | 680 | 3,800 | 5,000 | <21 |
| 10/13/2016 | 0.0096 | 0.67 | 21 | --- | 250 | --- | 2,700 | 680 | 3,800 | 5,200 | <36 |
| 11/1/2016 | 0.0025 | 0.62 | 21 | --- | 260 | --- | 1,600 | 540 | 3,800 | 4,600 | <40 |
| SVE system was offline for installation of new RTO from November 1, 2016, to June 6, 2017. | | | | | | | | | | | |
| 6/7/2017 | 0.029 | 1.1 | 21 | -- | 190 | -- | 960 | 220 | 1,200 | 1,170 | <42 |
| 7/13/2017 | 0.055 | 1.3 | 20 | --- | 550 | --- | 6,800 | 1,100 | 6,600 | 9,900 | <44 |
| 8/3/2017 | 0.013 | 0.85 | 21 | --- | 340 | -- | 4,200 | 750 | 5,600 | 7,500 | <110 |
| 9/12/2017 | 0.0079 | 0.89 | 21 | -- | 290 | --- | 3,000 | 530 | 4,600 | 5,500 | 510 |
| 10/13/2017 | 0.0091 | 0.85 | 21 | --- | 280 | -- | 3,400 | 540 | 4,100 | 5,500 | 830 |
| 11/10/2017 | 0.0064 | 0.87 | 21 | --- | 230 | --- | 3,200 | 320 | 2,400 | 3,050 | <84 |
| 12/8/2017 | 0.0040 | 0.77 | 21 | --- | 250 | --- | 3,600 | 350 | 3,000 | 3,700 | <81 |
| 1/4/2018 | 0.0047 | 0.72 | 21 | -- | 230 | -- | 3,900 | 440 | 3,100 | 4,000 | 970 |
| 2/6/2018 | 0.0042 | 0.42 | 22 | -- | 27 | -- | 140 | 23 | 150 | 310 | <5.1 |
| 3/13/2018 | 0.0038 | 0.74 | 21 | -- | 79 | -- | 680 | 110 | 460 | 1,150 | <11 |
| 4/15/2018 | 0.0034 | 0.49 | 22 | -- | 33 | -- | 460 | 53 | 280 | 400 | <2.0 |
| 5/11/2018 | 0.0046 | 0.72 | 21 | -- | 64 | -- | 660 | 74 | 410 | 850 | <11 |
| 6/7/2018 | 0.0031 | 0.65 | 21 | -- | 58 | -- | 570 | 83 | 320 | 504 | <9.7 |
| 7/3/2018 | 0.0063 | 0.78 | 21 | -- | 210 | -- | 4,700 | 570 | 2,700 | 3,940 | 1,100 |
| 8/2/2018 | 0.0048 | 0.69 | 22 | -- | 160 | -- | 3,000 | 320 | 2,300 | 2,380 | <40 |
| 9/6/2018 | 0.0044 | 0.81 | 21 | -- | 190 | -- | 3,900 | 550 | 4,000 | 5,000 | <42 |
| 10/5/2018 | 0.0034 | 0.85 | 22 | -- | 180 | -- | 1,200 | 180 | 1,400 | 1,850 | <42 |
| 11/20/2018 | 0.0088 | 0.80 | 21 | -- | 150 | -- | 1,200 | 270 | 1,100 | 1,290 | <11 |

Table 2. Extracted Vapor Analytical Results
 SFPP Norwalk Pump Station, Norwalk, California

| Date Sampled | ASTM D-1946 | | | EPA TO-3 | | SCAQMD 25.1 | EPA TO-15 (VOCs) ^b | | | | |
|-----------------------|-----------------|---------------------|-----------------------|-----------------|-----------------|-----------------|-------------------------------|----------------------|------------------|------------------|------------------|
| | Methane (%v) | Carbon Dioxide (%v) | Oxygen and Argon (%v) | TPH-g (ppmv) | TVOC (ppmv) | TGNMOC (ppmv) | Benzene (ppbv) | Ethyl-benzene (ppbv) | Toluene (ppbv) | Xylenes (ppbv) | MTBE (ppbv) |
| 12/7/2018 | 0.0038 | 0.75 | 22 | -- | 190 | -- | 1,700 | 360 | 2,100 | 2,140 | <20 |
| 1/11/2019 | 0.0061 | 1.5 | 19 | -- | 46 | -- | 190 | 25 | 160 | 350 | <11 |
| 2/7/2019 | 0.0023 | 0.82 | 21 | -- | 74 | -- | 240 | 67 | 280 | 990 | <10 |
| 3/12/2019 | <0.0034 | 0.58 | 22 | -- | 31 | -- | 110 | 31 | 130 | 570 | <4.9 |
| 4/4/2019 | 0.0044 | 0.80 | 21 | -- | 160 | -- | 2,400 | 400 | 2,000 | 2,730 | 550 |
| 5/7/2019 | 0.023 | 0.78 | 21 | -- | 120 | -- | 1,900 | 330 | 1,500 | 2,520 | 410 |
| 6/4/2019 | 0.0037 | 0.64 | 21 | -- | 110 | -- | 1,000 | 260 | 880 | 1,550 | <19 |
| 7/9/2019 | 0.036 | 0.64 | 21 | -- | 99 | -- | 860 | 190 | 820 | 1,210 | 400 |
| 8/18/2019 | 0.0037 | 0.64 | 21 | -- | 97 | -- | 850 | 220 | 940 | 1,630 | 230 |
| 9/12/2019 | 0.0019 | 0.0084 | 22 | -- | 58 ^c | -- | 640 ^c | 78 ^c | 520 ^c | 880 ^c | 200 ^c |
| 10/4/2019 | 0.0037 | 0.64 | 21 | -- | 17 | -- | 61 | 21 | 67 | 470 | <3.6 |
| 11/7/2019 | 0.0067 | 0.67 | 21 | -- | 19 | -- | 66 | 26 | 56 | 480 | <2.0 |
| 12/12/2019 | 0.023 | 1.1 | 20 | -- | 30 | -- | 220 | 23 | 100 | 158 | 140 |
| January-20 | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d |
| 2/14/2020 | 0.0360 | 1.1 | 21 | -- | 17 | -- | 63 | 7.7 | 12 | 480 | <5.0 |
| 3/1/2020 | 0.0039 | 0.68 | 21 | -- | 23 | -- | 75 | 19 | 33 | 263 | <2.8 |
| April-20 | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d | -- ^d |
| 5/21/2020 | 0.017 | 0.020 | 21 | -- | 420 | -- | 2,800 | 190 | 4,800 | 1,720 | <40 |
| 6/2/2020 | 0.011 | 0.93 | 21 | -- | 260 | -- | 2,500 | 180 | 3,100 | 1,480 | <40 |
| 7/2/2020 | 0.0088 | 1.4 | 21 | -- | 180 | -- | 1,200 | 130 | 1,200 | 1,470 | 930 |
| 8/1/2020 | 0.0058 | 0.90 | 21 | -- | 250 | -- | 1,300 | 1,000 | 4,500 | 9,100 | 770 |
| 9/1/2020 | 0.011 | 0.87 | 21 | -- | 150 | -- | 490 | 270 | 2,300 | 3,310 | 650 |
| 10/1/2020 | 0.015 | 0.82 | 21 | -- | 93 | -- | 320 | 200 | 1,700 | 2,790 | 470 |
| 11/1/2020 | 0.0084 | 1.1 | 21 | -- | 130 | -- | 560 | 340 | 2,300 | 3,440 | 540 |
| 12/4/2020 | <0.0024 | 0.20 | 22 | -- | 1.6 | -- | 22 | 2.9 | 26 | 35 | 5.9 |
| 1/12/2021 | <0.0024 | 0.60 | 21 | -- | 54 | -- | 280 | 120 | 510 | 1,720 | 220 |
| 2/2/2021 | <0.0024 | 0.52 | 22 | -- | 42 | -- | 260 | 140 | 850 | 1,800 | 190 |
| 3/1/2021 | <0.0027 | 0.80 | 21 | -- | 58 | -- | 470 | 100 | 970 | 2,280 | 170 |
| 4/1/2021 | <0.0040 | 0.44 | 21 | -- | 30 | -- | 240 | 65 | 640 | 590 | 130 |
| 5/1/2021 | <0.0025 | 1.2 | 21 | -- | 160 | -- | 520 | 560 | 2,100 | 3,410 | <25 |
| 6/1/2021 | <0.0024 | 1.2 | 21 | -- | 320 | -- | 1,400 | 970 | 2,900 | 3,540 | <30 |
| 7/1/2021 | <0.0024 | 0.73 | 21 | -- | 110 | -- | 800 | 520 | 1,400 | 1,900 | <12 |
| 8/3/2021 | <0.0025 | 1.0 | 21 | -- | 100 | -- | 850 | 380 | 1,700 | 2,390 | <17 |
| 9/2/2021 | <0.0025 | 0.94 | 21 | -- | 74 | -- | 490 | 300 | 940 | 2,210 | <8 |
| 10/1/2021 | <0.0024 | 0.95 | 21 | -- | 49 | -- | 230 | 270 | 810 | 2,600 | 31 |
| 11/9/2021 | 0.15 | 1.5 | 20 | -- | 81 | -- | 390 | 470 | 620 | 1,300 | <24 |
| 12/2/2021 | <0.0019 | 0.25 | 22 | -- | 27 | -- | 49 | 190 | 330 | 1,500 | <3.9 |
| 1/6/2022 ^e | <0.0020 | 0.34 | 22 | -- | 8.7 | -- | 21 | 21 | 60 | 175 | <1.6 |
| 2/1/2022 | <0.0025 | 0.97 | 21 | -- | 79 | -- | 120 | 310 | 430 | 2,830 | <20 |
| 3/1/2022 | <0.0025 | 0.65 | 21 | -- | 43 | -- | 72 | 120 | 200 | 1,190 | <2.5 |

Notes:

^a Influent vapor samples were collected from the manifold conveying soil vapors extracted from the south-central and southeastern areas.

^b Other detected VOCs are included in the laboratory analytical reports in Appendix A.

^c Influent vapor samples were collected after dilution before entering the SVE combustion chamber.

^d System was off for entire month.

^e Influent vapor samples were inadvertently diluted, due to a large crack in Drip Leg 5 conveyance piping

J = Resulting analyte concentration is between the reporting limit and the method detection limit

<0.5 = not detected at or above the laboratory reporting limit shown

EPA = U.S. Environmental Protection Agency

ASTM = ASTM International

%v = percent by volume

-- = not applicable

MTBE = methyl tertiary butyl ether

ppbv = parts per billion by volume

ppmv = parts per million by volume

RTO = regenerative thermal oxidizer

SCAQMD = South Coast Air Quality Management District

SVE = soil vapor extraction

TGNMOC = total gaseous nonmethane organic carbon

TPH-g = total petroleum hydrocarbons quantified as gasoline (C4-C12)

TVOC = total volatile organic compound

VOC = volatile organic compound

Table 3. Biosparge System Operation Summary
SFPP Norwalk Pump Station, Norwalk, California

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Incremental Uptime (%) | BS-02 Run Meter (hours) | BS-02 Incremental Hours of Operation (hours) | BS-02 Incremental Uptime (%) | BS-03 Run Meter (hours) | BS-03 Incremental Hours of Operation (hours) | BS-03 Incremental Uptime (%) | System Flow ^a BS-02 as of 1/5/21 (scfm) | BS-02 Sparge Leg Pressure (psi) | BS-03 System Flow (scfm) | BS-03 Sparge Leg Pressure (psi) |
|-----------------------------------|---------------------------------------|--|------------------------|-------------------------|--|------------------------------|-------------------------|--|------------------------------|--|---------------------------------|--------------------------|---------------------------------|
| Fourth Quarter 2016 Totals | 5,302 | 527 | 62.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fourth Quarter 2017 Totals | 8,396 | 1,141 | 52.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fourth Quarter 2018 Totals | 14,216 | 649 | 27.9 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fourth Quarter 2019 Totals | 20,332 | 1,489 | 63.3 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Fourth Quarter 2020 Totals | 25,120 | 1,914 | 87.6 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 1/5/2021 | 25,291 | 171 | 100 | -- | -- | -- | -- | -- | -- | 171 | 2 | -- | -- |
| 1/12/2021 | 25,458 | 167 | 99 | -- | -- | -- | -- | -- | -- | 194 | 2 | -- | -- |
| 1/19/2021 | 25,627 | 169 | 100 | -- | -- | -- | -- | -- | -- | 180 | 2 | -- | -- |
| 1/26/2021 | 25,794 | 167 | 99 | -- | -- | -- | -- | -- | -- | 183 | 2 | -- | -- |
| 2/2/2021 | 25,961 | 167 | 99 | -- | -- | -- | -- | -- | -- | 178 | 2 | -- | -- |
| 2/9/2021 | 26,129 | 168 | 100 | -- | -- | -- | -- | -- | -- | 181 | 2 | -- | -- |
| 2/16/2021 | 26,297 | 168 | 100 | -- | -- | -- | -- | -- | -- | 180 | 2 | -- | -- |
| 2/23/2021 | 26,373 | 76 | 45 | -- | -- | -- | -- | -- | -- | 80 | 2 | -- | -- |
| 3/2/2021 | 26,494 | 121 | 72 | -- | -- | -- | -- | -- | -- | 192 | 2 | -- | -- |
| 3/9/2021 | 26,660 | 166 | 99 | -- | -- | -- | -- | -- | -- | 182 | 2 | -- | -- |
| 3/16/2021 | 26,825 | 165 | 98 | -- | -- | -- | -- | -- | -- | 193 | 3 | -- | -- |
| 3/23/2021 | 26,995 | 170 | 100 | -- | -- | -- | -- | -- | -- | 170 | 2 | -- | -- |
| 3/30/2021 | 27,162 | 167 | 99 | -- | -- | -- | -- | -- | -- | 186 | 2 | -- | -- |
| First Quarter 2021 Totals | 27,162 | 2,042 | 93.5 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 4/6/2021 | 27,331 | 169 | 100 | -- | -- | -- | -- | -- | -- | 189 | 2 | -- | -- |
| 4/13/2021 | 27,512 | 181 | 100 | -- | -- | -- | -- | -- | -- | 86 | 2 | -- | -- |
| 4/20/2021 | 27,634 | 122 | 73 | -- | -- | -- | -- | -- | -- | 176 | 2 | -- | -- |
| 4/29/2021 | 27,852 | 218 | 100 | -- | -- | -- | -- | -- | -- | 170 | 2 | -- | -- |
| 5/4/2021 | 27,973 | 121 | 100 | -- | -- | -- | -- | -- | -- | 185 | 2 | -- | -- |
| 5/11/2021 | 28,138 | 165 | 98 | -- | -- | -- | -- | -- | -- | 193 | 5 | 50 | 2 |
| 5/18/2021 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 5/25/2021 | 28,450 | 312 | 93 | -- | -- | -- | -- | -- | -- | 164 | 2 | 121 | 2 |
| 6/1/2021 | 28,617 | 167 | 99 | -- | -- | -- | -- | -- | -- | 189 | 2 | 125 | 2 |
| 6/8/2021 | 28,785 | 168 | 100 | -- | -- | -- | -- | -- | -- | 100 | 2 | 100 | 2 |
| 6/15/2021 | 28,954 | 169 | 100 | -- | -- | -- | -- | -- | -- | 180 | 2 | 94 | 2 |
| 6/22/2021 | 29,120 | 166 | 99 | -- | -- | -- | -- | -- | -- | 190 | 2 | 203 | 2 |
| 6/29/2021 | 29,289 | 169 | 100 | -- | -- | -- | -- | -- | -- | 189 | 2 | 265 | 4 |
| Second Quarter 2021 Totals | 29,289 | 2,127 | 97.4 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Table 3. Biosparge System Operation Summary
SFPP Norwalk Pump Station, Norwalk, California

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Incremental Uptime (%) | BS-02 Run Meter (hours) | BS-02 Incremental Hours of Operation (hours) | BS-02 Incremental Uptime (%) | BS-03 Run Meter (hours) | BS-03 Incremental Hours of Operation (hours) | BS-03 Incremental Uptime (%) | System Flow ^a BS-02 as of 1/5/21 (scfm) | BS-02 Sparge Leg Pressure (psi) | BS-03 System Flow (scfm) | BS-03 Sparge Leg Pressure (psi) |
|-----------------------------------|---------------------------------------|--|------------------------|-------------------------|--|------------------------------|-------------------------|--|------------------------------|--|---------------------------------|--------------------------|---------------------------------|
| 7/6/2021 | 29,453 | 164 | 98 | -- | -- | -- | -- | -- | -- | 90 | 2 | 113 | 2 |
| 7/13/2021 | 29,620 | 167 | 99 | -- | -- | -- | -- | -- | -- | 183 | 2 | 249 | 2 |
| 7/21/2021 | 29,712 | 92 | 48 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 7/27/2021 | 29,853 | 141 | 98 | -- | -- | -- | -- | -- | -- | 185 | 6 | 216 | 6 |
| 8/3/2021 | 30,021 | 168 | 100 | -- | -- | -- | -- | -- | -- | 186 | 4 | 219 | 4 |
| 8/12/2021 | 30,138 | 117 | 54 | -- | -- | -- | -- | -- | -- | 172 | 6 | 250 | 6 |
| 8/24/2021 | 30,218 | 80 | 28 | -- | -- | -- | -- | -- | -- | -- | -- | 208 | 5 |
| 8/31/2021 | 30,381 | 163 | 97 | -- | -- | -- | -- | -- | -- | 121 | 4 | 238 | 4 |
| 9/7/2021 | 30,445 | 64 | 38 | -- | -- | -- | -- | -- | -- | 0 | 0 | 0 | 0 |
| 9/14/2021 | 30,613 | 168 | 100 | -- | -- | -- | -- | -- | -- | 197 | 6 | 257 | 21 |
| 9/21/2021 | 30,781 | 168 | 100 | -- | -- | -- | -- | -- | -- | 188 | 4 | 199 | 4 |
| 9/30/2021 | 31,000 | 219 | 100 | 10,910 | -- | -- | 9,892 | -- | -- | 184 | 4 | 194 | 4 |
| Third Quarter 2021 Totals | 31,000 | 1,711 | 76.7 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 10/5/2021 | 31,117 | 117 | 98 | 11,027 | 117 | 98 | 10,009 | 117 | 98 | 188 | 4 | 261 | 4 |
| 10/12/2021 | 31,285 | 168 | 100 | 11,194 | 167 | 100 | 10,176 | 167 | 100 | 183 | 4 | 260 | 4 |
| 10/19/2021 | 31,451 | 166 | 99 | 11,359 | 165 | 98 | 10,341 | 165 | 98 | 191 | 4 | 214 | 4 |
| 10/26/2021 | 31,614 | 163 | 97 | 11,521 | 162 | 97 | 10,503 | 162 | 97 | 188 | 4 | 215 | 4 |
| 11/9/2021 | 31,708 | 94 | 28 | 11,593 | 72 | 21 | 10,596 | 93 | 28 | -- | -- | 119 | 6 |
| 11/16/2021 | 31,877 | 169 | 95 | 11,593 | 0 | 0 | 10,764 | 167 | 94 | -- | -- | 198 | 4 |
| 11/23/2021 | 32,048 | 171 | 99 | 11,718 | 125 | 72 | 10,934 | 171 | 99 | 91 | 4 | 199 | 4 |
| 11/30/2021 | 32,209 | 161 | 100 | 11,878 | 160 | 100 | 11,094 | 160 | 100 | 90 | 4 | 209 | 4 |
| 12/2/2021 | 32,257 | 48 | 97 | -- | -- | -- | -- | -- | -- | 160 | 4 | 200 | 4 |
| 12/7/2021 | 32,374 | 117 | 100 | 12,042 | 164 | 100 | 11,258 | 164 | 100 | 165 | 4 | 200 | 4 |
| 12/14/2021 | 32,535 | 161 | 91 | 12,206 | 163 | 92 | 11,422 | 163 | 92 | 165 | 4 | 288 | 4 |
| 12/21/2021 | 32,669 | 134 | 78 | 12,371 | 166 | 97 | 11,588 | 166 | 97 | 161 | 4 | 237 | 4 |
| 12/28/2021 | 32,834 | 165 | 100 | 12,536 | 165 | 100 | 11,752 | 165 | 100 | 167 | 4 | 243 | 4 |
| Fourth Quarter 2021 Totals | 32,834 | 1,834 | -- | 12,536 | 1,626 | 76 | 11,752 | 1,861 | 87 | -- | -- | -- | -- |
| 1/13/2022 | 32,885 | 51 | 13 | 12,585 | 48 | 13 | 11,800 | 48 | 13 | 0 | 0 | 152 | 4 |
| 1/18/2022 | 33,002 | 117 | 100 | 12,585 | 0 | 0 | 11,917 | 117 | 100 | 0 | 0 | 151 | 4 |
| 1/25/2022 | 33,170 | 168 | 99 | 12,585 | 0 | 0 | 12,084 | 167 | 98 | 0 | 0 | 204 | 4 |
| 2/1/2022 | 33,339 | 169 | 100 | 12,585 | 0 | 0 | 12,251 | 167 | 99 | 0 | 0 | 258 | 4 |
| 2/8/2022 | 33,491 | 152 | 96 | 12,585 | 0 | 0 | 12,403 | 151 | 96 | 0 | 0 | 251 | 4 |
| 2/15/2022 | 33,658 | 167 | 99 | 12,585 | 0 | 0 | 12,568 | 166 | 99 | 0 | 0 | 313 | 4 |
| 2/22/2022 | 33,824 | 166 | 99 | 12,585 | 0 | 0 | 12,734 | 166 | 99 | 0 | 0 | 255 | 4 |

Table 3. Biosparge System Operation Summary
SFPP Norwalk Pump Station, Norwalk, California

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Incremental Uptime (%) | BS-02 Run Meter (hours) | BS-02 Incremental Hours of Operation (hours) | BS-02 Incremental Uptime (%) | BS-03 Run Meter (hours) | BS-03 Incremental Hours of Operation (hours) | BS-03 Incremental Uptime (%) | System Flow ^a BS-02 as of 1/5/21 (scfm) | BS-02 Sparge Leg Pressure (psi) | BS-03 System Flow (scfm) | BS-03 Sparge Leg Pressure (psi) |
|----------------------------------|---------------------------------------|--|------------------------|-------------------------|--|------------------------------|-------------------------|--|------------------------------|--|---------------------------------|--------------------------|---------------------------------|
| 3/1/2022 | 33,993 | 169 | 100 | 12,585 | 0 | 0 | 12,903 | 169 | 100 | 0 | 0 | 247 | 4 |
| 3/8/2022 | 34,160 | 167 | 99 | 12,705 | 120 | 71 | 13,068 | 166 | 99 | 54 | 2 | 210 | 4 |
| 3/17/2022 | 34,374 | 214 | 99 | 12,915 | 210 | 97 | 13,282 | 213 | 99 | 151 | 4 | 211 | 4 |
| 3/22/2022 | 34,494 | 120 | 100 | 13,037 | 122 | 102 | 13,401 | 119 | 99 | 162 | 4 | 211 | 4 |
| 3/29/2022 | 34,661 | 167 | 99 | 13,203 | 166 | 99 | 13,567 | 166 | 99 | 163 | 4 | 216 | 4 |
| First Quarter 2022 Totals | 34,661 | 1,827 | 84.0 | 13,203 | 667 | 31 | 13567 | 1,815 | 83 | -- | -- | -- | -- |
| Cumulative Totals | 34,661 | -- | 66.2 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Notes:

^a Estimated system flow based on header flowmeter

-- = not applicable or not available

scfm = standard cubic feet per minute

psi = pounds per square inch

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-9 | 4/30/2007 | 74.44 | 26.71 | --- | --- | 47.73 | Secor |
| | 11/12/2007 | 74.44 | 27.32 | 27.04 | 0.28 | 47.34 | Secor |
| | 8/8/2008 | 74.44 | 28.01 | 27.96 | 0.05 | 46.47 | Envent |
| | 10/16/2008 | 74.44 | 28.36 | 28.35 | 0.01 | 46.09 | Envent |
| | 12/17/2008 | 74.44 | 27.61 | --- | --- | 46.83 | Envent |
| | 1/15/2009 | 74.44 | 28.91 | --- | --- | 45.53 | Envent |
| | 3/27/2009 | 74.44 | 29.04 | --- | --- | 45.40 | Envent |
| | 4/21/2009 | 74.44 | 28.16 | --- | --- | 46.28 | Envent |
| | 7/21/2009 | 74.44 | 28.31 | --- | --- | 46.13 | Envent |
| | 10/19/2009 | 74.44 | NM | --- | --- | NC | Blaine Tech |
| | 5/24/2010 | 74.44 | 30.47 | --- | --- | 43.97 | Blaine Tech |
| | 5/28/2010 | 74.44 | 30.35 | --- | --- | 44.09 | Blaine Tech |
| | 10/4/2010 | 74.44 | 30.30 | --- | --- | 44.14 | Blaine Tech |
| | 1/10/2011 | 74.44 | 32.02 | --- | --- | 42.42 | Blaine Tech |
| | 4/11/2011 | 74.44 | 25.41 | --- | --- | 49.03 | Blaine Tech |
| | 7/11/2011 | 74.44 | NM | --- | --- | NC | |
| | 10/10/2011 | 74.44 | 28.91 | --- | --- | 45.53 | Blaine Tech |
| | 4/16/2012 | 74.44 | 31.15 | --- | --- | 43.29 | Blaine Tech |
| | 7/9/2012 | --- | 31.64 | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 77.16 | 31.82 | --- | --- | 45.34 | Blaine Tech |
| | 1/14/2013 | 77.16 | 31.88 | --- | --- | 45.28 | Blaine Tech |
| | 4/8/2013 | 77.16 | 31.83 | --- | --- | 45.33 | Blaine Tech |
| | 10/7/2013 | 77.16 | 35.30 | 31.25 | 4.05 | 45.02 | Blaine Tech |
| | 4/14/2014 | 77.16 | 37.66 | 31.65 | 6.01 | 44.19 | Blaine Tech |
| | 5/5/2014 | 77.16 | 37.81 | 31.76 | 6.05 | 44.07 | Nieto & Sons |
| | 5/12/2014 | 77.16 | 37.39 | 31.83 | 5.56 | 44.11 | Nieto & Sons |
| | 5/20/2014 | 77.16 | 37.70 | 33.85 | 3.85 | 42.46 | Nieto & Sons |
| | 5/27/2014 | 77.16 | 32.41 | 28.84 | 3.57 | 47.53 | Nieto & Sons |
| | 6/4/2014 | 77.16 | 33.20 | --- | --- | 43.96 | Nieto & Sons |
| | 6/10/2014 | 77.16 | 37.51 | 32.77 | 4.74 | 43.35 | Nieto & Sons |
| | 7/3/2014 | 77.16 | 39.26 | 32.59 | 6.67 | 43.10 | Nieto & Sons |
| | 7/8/2014 | 77.16 | 38.59 | 32.45 | 6.14 | 43.36 | Blaine Tech |
| | 7/18/2014 | 77.16 | 37.15 | 32.73 | 4.42 | 43.46 | Blaine Tech |
| | 7/24/2014 | 77.16 | 37.78 | 32.48 | 5.30 | 43.51 | Blaine Tech |
| | 8/1/2014 | 77.16 | 36.72 | 32.30 | 4.42 | 43.89 | Blaine Tech |
| | 8/8/2014 | 77.16 | 36.55 | 32.26 | 4.29 | 43.96 | Blaine Tech |
| | 8/13/2014 | 77.16 | 36.25 | 32.33 | 3.92 | 43.97 | Blaine Tech |
| | 8/19/2014 | 77.16 | 36.04 | 32.38 | 3.66 | 43.97 | Blaine Tech |
| | 8/29/2014 | 77.16 | 36.23 | 32.33 | 3.90 | 43.97 | Blaine Tech |
| | 9/5/2014 | 77.16 | 36.26 | 32.35 | 3.91 | 43.95 | Blaine Tech |
| | 9/11/2014 | 77.16 | 36.27 | 32.33 | 3.94 | 43.96 | Blaine Tech |
| | 9/18/2014 | 77.16 | 36.42 | 32.37 | 4.05 | 43.90 | Blaine Tech |
| 9/26/2014 | 77.16 | 36.39 | 32.35 | 4.04 | 43.92 | Blaine Tech | |
| 10/1/2014 | 77.16 | 36.11 | 32.42 | 3.69 | 43.93 | Blaine Tech | |
| 10/6/2014 | 77.16 | 35.99 | 32.42 | 3.57 | 43.95 | Blaine Tech | |
| 10/14/2014 | 77.16 | 36.24 | 32.34 | 3.90 | 43.96 | Blaine Tech | |
| 10/23/2014 | 77.16 | 36.32 | 32.35 | 3.97 | 43.94 | Blaine Tech | |
| 10/27/2014 | 77.16 | 36.04 | 32.42 | 3.62 | 43.94 | Blaine Tech | |
| 11/3/2014 | 77.16 | 36.40 | 32.35 | 4.05 | 43.92 | Blaine Tech | |
| 11/10/2014 | 77.16 | 36.32 | 32.41 | 3.91 | 43.89 | Blaine Tech | |
| 11/18/2014 | 77.16 | 36.28 | 32.43 | 3.85 | 43.88 | Blaine Tech | |
| 11/25/2014 | 77.16 | 36.21 | 32.49 | 3.72 | 43.85 | Blaine Tech | |
| 12/3/2014 | 77.16 | 36.18 | 32.43 | 3.75 | 43.90 | Blaine Tech | |
| 12/12/2014 | 77.16 | 36.58 | 32.74 | 3.84 | 43.58 | Blaine Tech | |
| 12/19/2014 | 77.16 | 37.05 | 32.76 | 4.29 | 43.46 | Blaine Tech | |
| 3/6/2015 | 77.16 | 39.40 | 33.13 | 6.27 | 42.65 | Kinder Morgan | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|--------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-9 Continued | 4/20/2015 | 77.16 | 36.98 | 32.99 | 3.99 | 43.29 | Blaine Tech |
| | 10/20/2015 | 77.16 | 34.61 | 34.37 | 0.24 | 42.74 | Kinder Morgan |
| | 3/14/2016 | 77.16 | 36.10 | --- | --- | 41.06 | Blaine Tech |
| | 4/11/2016 | 77.16 | 36.20 | --- | --- | 40.96 | Blaine Tech |
| | 6/30/2016 | 77.16 | 31.02 | --- | --- | 46.14 | Kinder Morgan |
| | 8/22/2016 | 77.16 | 37.27 | --- | --- | 39.89 | Kinder Morgan |
| | 10/3/2016 | 77.16 | 38.02 | --- | --- | 39.14 | Blaine Tech |
| | 3/7/2017 | 77.16 | 35.13 | --- | --- | 42.03 | CH2M |
| | 4/17/2017 | 77.16 | 33.32 | --- | --- | 43.84 | Blaine Tech |
| | 10/2/2017 | 77.16 | 38.43 | --- | --- | 38.73 | Blaine Tech |
| | 4/16/2018 | 77.16 | 37.98 | --- | --- | 39.18 | Blaine Tech |
| | 11/5/2018 | 77.16 | 33.95 | --- | --- | 43.21 | Blaine Tech |
| | 4/23/2019 | 77.16 | 29.72 | --- | --- | 47.44 | Blaine Tech |
| | 10/28/2019 | 77.16 | 37.90 | --- | --- | 39.26 | Blaine Tech |
| | 5/4/2020 | 77.16 | 35.37 | --- | --- | 41.79 | Blaine Tech |
| 11/2/2020 | 77.16 | 35.90 | --- | --- | 41.26 | Blaine Tech | |
| 5/3/2021 | 77.16 | 36.50 | --- | --- | 40.66 | Blaine Tech | |
| 11/1/2021 | 77.16 | 37.62 | --- | --- | 39.54 | Blaine Tech | |
| GMW-10 | 4/30/2007 | 74.67 | 25.90 | --- | --- | 48.77 | Secor |
| | 11/12/2007 | 74.67 | 25.02 | 25.82 | 0.83 | 50.33 | Secor |
| | 4/14/2008 | 74.67 | 25.38 | 25.44 | 0.06 | 49.34 | Secor |
| | 10/13/2008 | 74.67 | 24.16 | --- | --- | 50.51 | Stantec |
| | 4/20/2009 | 74.67 | 24.46 | --- | --- | 50.21 | Blaine Tech |
| | 10/19/2009 | 74.67 | 27.20 | --- | --- | 47.47 | Blaine Tech |
| | 5/24/2010 | 74.67 | 26.72 | --- | --- | 47.95 | Blaine Tech |
| | 5/28/2010 | 74.67 | 26.70 | --- | --- | 47.97 | Blaine Tech |
| | 10/4/2010 | 74.67 | 27.15 | --- | --- | 47.52 | Blaine Tech |
| | 4/11/2011 | 74.67 | 25.21 | --- | --- | 49.46 | Blaine Tech |
| | 10/10/2011 | 74.67 | 27.75 | --- | --- | 46.92 | Blaine Tech |
| | 4/27/2012 | 74.67 | 28.47 | --- | --- | 46.20 | Blaine Tech |
| | 7/9/2012 | 74.67 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 74.67 | 29.15 | 29.02 | 0.13 | 45.63 | Blaine Tech |
| | 4/8/2013 | 74.67 | 33.64 | 28.12 | 5.52 | 45.53 | Blaine Tech |
| | 9/26/2013 | 73.35 | 36.15 | 29.25 | 6.90 | 42.82 | Blaine Tech |
| | 10/7/2013 | 73.35 | 31.85 | 29.32 | 2.53 | 43.56 | Blaine Tech |
| | 4/14/2014 | 73.35 | 29.43 | 29.01 | 0.42 | 44.26 | Blaine Tech |
| | 8/19/2014 | 73.35 | 29.80 | 29.53 | 0.27 | 43.77 | Blaine Tech |
| | 8/29/2014 | 73.35 | 29.68 | 29.25 | 0.43 | 44.02 | Blaine Tech |
| | 9/26/2014 | 73.35 | 29.98 | 29.23 | 0.75 | 43.98 | Blaine Tech |
| | 10/1/2014 | 73.35 | 29.98 | 29.19 | 0.79 | 44.01 | Blaine Tech |
| | 10/6/2014 | 73.35 | 30.01 | 29.16 | 0.85 | 44.03 | Blaine Tech |
| | 10/14/2014 | 73.35 | 30.01 | 29.18 | 0.83 | 44.02 | Blaine Tech |
| | 10/23/2014 | 73.35 | 30.17 | 29.15 | 1.02 | 44.01 | Blaine Tech |
| | 10/27/2014 | 73.35 | 30.19 | 29.12 | 1.07 | 44.03 | Blaine Tech |
| | 11/3/2014 | 73.35 | 30.25 | 29.13 | 1.12 | 44.01 | Blaine Tech |
| | 11/10/2014 | 73.35 | 29.85 | 29.28 | 0.57 | 43.96 | Blaine Tech |
| | 11/18/2014 | 73.35 | 29.95 | 29.28 | 0.67 | 43.95 | Blaine Tech |
| | 11/25/2014 | 73.35 | 30.00 | 29.27 | 0.73 | 43.94 | Blaine Tech |
| 12/3/2014 | 73.35 | 30.18 | 29.27 | 0.91 | 43.91 | Blaine Tech | |
| 12/12/2014 | 73.35 | 30.81 | 29.45 | 1.36 | 43.65 | Blaine Tech | |
| 12/19/2014 | 73.35 | 30.51 | 30.35 | 0.16 | 42.97 | Blaine Tech | |
| 4/20/2015 | 73.35 | 34.99 | 28.42 | 6.57 | 43.71 | Blaine Tech | |
| 7/17/2015 | 73.35 | 36.10 | 29.41 | 6.69 | 42.70 | Blaine Tech | |
| 10/20/2015 | 73.35 | 32.96 | 31.02 | 1.94 | 41.97 | Kinder Morgan | |
| 3/16/2016 | 73.35 | 34.47 | 33.42 | 1.05 | 39.74 | Kinder Morgan | |
| 4/11/2016 | 73.35 | 33.70 | 32.10 | 1.60 | 40.95 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-10 Continued | 6/29/2016 | 73.35 | 33.02 | --- | --- | 40.33 | Blaine Tech |
| | 8/22/2016 | 73.35 | 33.82 | 32.93 | 0.89 | 40.26 | Blaine Tech |
| | 10/3/2016 | 73.35 | 35.10 | 33.65 | 1.45 | 39.43 | Blaine Tech |
| | 3/8/2017 | 73.35 | 32.75 | --- | --- | 40.60 | CH2M |
| | 04/17/17 | 73.35 | 31.15 | --- | --- | 42.20 | Blaine Tech |
| | 10/2/2017 | 73.35 | 33.48 | --- | --- | 39.87 | Blaine Tech |
| | 4/16/2018 | 73.35 | 33.87 | 33.74 | 0.13 | 39.58 | Blaine Tech |
| | 11/5/2018 | 73.35 | 34.16 | 34.14 | 0.02 | 39.21 | Blaine Tech |
| | 4/16/2019 | 73.35 | 30.55 | --- | --- | 42.80 | Blaine Tech |
| | 10/28/2019 | 73.35 | 34.12 | 33.84 | 0.28 | 39.45 | Blaine Tech |
| | 5/4/2020 | 73.35 | 31.44 | --- | --- | 41.91 | Blaine Tech |
| | 11/2/2020 | 73.35 | 32.00 | -- | -- | 41.35 | Blaine Tech |
| | 2/24/2021 | 73.35 | 32.75 | -- | -- | 40.60 | Blaine Tech |
| | 5/3/2021 | 73.35 | 32.54 | -- | -- | 40.81 | Blaine Tech |
| | 8/31/2021 | 73.35 | 32.75 | -- | -- | 40.60 | Blaine Tech |
| 11/1/2021 | 73.35 | 33.35 | -- | -- | 40.00 | Blaine Tech | |
| 3/10/2022 | 73.35 | 33.27 | -- | -- | 40.08 | Blaine Tech | |
| GMW-22 | 4/30/2007 | 74.17 | 25.79 | --- | --- | 48.38 | Secor |
| | 11/12/2007 | 74.17 | 26.45 | 25.91 | 0.54 | 48.16 | Stantec |
| | 8/12/2008 | 74.17 | 26.70 | --- | --- | 47.47 | Envent |
| | 10/31/2008 | 74.17 | 28.25 | 27.04 | 1.21 | 46.91 | Envent |
| | 11/4/2008 | 74.17 | 26.97 | --- | --- | 47.20 | Envent |
| | 12/17/2008 | 74.17 | 26.65 | --- | --- | 47.52 | Envent |
| | 1/15/2009 | 74.17 | 27.18 | --- | --- | 46.99 | Envent |
| | 3/27/2009 | 74.17 | 27.86 | --- | --- | 46.31 | Envent |
| | 4/21/2009 | 74.17 | 27.30 | 27.20 | 0.10 | 46.95 | Envent |
| | 7/21/2009 | 74.17 | 27.70 | --- | --- | 46.47 | Envent |
| | 10/19/2009 | 74.17 | NM | --- | --- | NC | Blaine Tech |
| | 11/6/2009 | 74.17 | 28.12 | --- | --- | 46.05 | Kinder Morgan |
| | 9/3/2010 | 74.17 | 28.36 | 25.10 | 3.26 | 48.47 | Kinder Morgan |
| | 10/4/2010 | 74.17 | 27.65 | --- | --- | 46.52 | Blaine Tech |
| | 4/11/2011 | 74.17 | 26.45 | --- | --- | 47.72 | Blaine Tech |
| | 10/10/2011 | 74.17 | 29.68 | --- | --- | 44.49 | Blaine Tech |
| | 4/16/2012 | 74.17 | 31.15 | --- | --- | 43.02 | Blaine Tech |
| | 7/9/2012 | --- | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 77.24 | 31.05 | --- | --- | 46.19 | Blaine Tech |
| | 4/8/2013 | 77.24 | 31.92 | --- | --- | 45.32 | Blaine Tech |
| | 10/7/2013 | 77.24 | 34.28 | 31.65 | 2.63 | 45.10 | Blaine Tech |
| | 4/14/2014 | 77.24 | 35.59 | 32.30 | 3.29 | 44.33 | Blaine Tech |
| | 5/6/2014 | 77.24 | 35.87 | 32.35 | 3.52 | 44.24 | Nieto & Sons |
| | 5/12/2014 | 77.24 | 35.76 | 32.28 | 3.48 | 44.32 | Nieto & Sons |
| | 5/20/2014 | 77.24 | 37.90 | 32.70 | 5.20 | 43.58 | Nieto & Sons |
| | 5/27/2014 | 77.24 | 36.34 | 32.71 | 3.63 | 43.86 | Nieto & Sons |
| | 6/4/2014 | 77.24 | 33.36 | --- | --- | 43.88 | Nieto & Sons |
| | 6/10/2014 | 77.24 | 36.74 | 32.82 | 3.92 | 43.69 | Nieto & Sons |
| | 7/3/2014 | 77.24 | 37.66 | 32.91 | 4.75 | 43.45 | Nieto & Sons |
| | 7/8/2014 | 77.24 | 36.70 | 32.79 | 3.91 | 43.73 | Blaine Tech |
| 7/18/2014 | 77.24 | 36.68 | 32.77 | 3.91 | 43.75 | Blaine Tech | |
| 7/24/2014 | 77.24 | 36.79 | 32.62 | 4.17 | 43.85 | Blaine Tech | |
| 8/1/2014 | 77.24 | 35.82 | 32.44 | 3.38 | 44.17 | Blaine Tech | |
| 8/8/2014 | 77.24 | 35.72 | 32.44 | 3.28 | 44.19 | Blaine Tech | |
| 8/13/2014 | 77.24 | 35.68 | 32.45 | 3.23 | 44.19 | Blaine Tech | |
| 8/19/2014 | 77.24 | 35.64 | 32.45 | 3.19 | 44.20 | Blaine Tech | |
| 8/29/2014 | 77.24 | 35.65 | 32.44 | 3.21 | 44.21 | Blaine Tech | |
| 9/5/2014 | 77.24 | 35.73 | 32.46 | 3.27 | 44.18 | Blaine Tech | |
| 9/11/2014 | 77.24 | 35.78 | 32.47 | 3.31 | 44.16 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-22 Continued | 9/18/2014 | 77.24 | 35.85 | 32.49 | 3.36 | 44.13 | Blaine Tech |
| | 9/26/2014 | 77.24 | 35.85 | 32.46 | 3.39 | 44.15 | Blaine Tech |
| | 10/1/2014 | 77.24 | 35.76 | 32.45 | 3.31 | 44.18 | Blaine Tech |
| | 10/6/2014 | 77.24 | 35.72 | 32.44 | 3.28 | 44.19 | Blaine Tech |
| | 10/14/2014 | 77.24 | 35.75 | 32.42 | 3.33 | 44.20 | Blaine Tech |
| | 10/23/2014 | 77.24 | 35.84 | 32.43 | 3.41 | 44.18 | Blaine Tech |
| | 10/27/2014 | 77.24 | 35.74 | 32.41 | 3.33 | 44.21 | Blaine Tech |
| | 11/3/2014 | 77.24 | 35.89 | 32.45 | 3.44 | 44.15 | Blaine Tech |
| | 11/10/2014 | 77.24 | 35.94 | 32.45 | 3.49 | 44.14 | Blaine Tech |
| | 11/18/2014 | 77.24 | 35.97 | 32.48 | 3.49 | 44.11 | Blaine Tech |
| | 11/25/2014 | 77.24 | 35.97 | 32.51 | 3.46 | 44.09 | Blaine Tech |
| | 12/3/2014 | 77.24 | 35.84 | 32.45 | 3.39 | 44.16 | Blaine Tech |
| | 12/12/2014 | 77.24 | 36.44 | 32.65 | 3.79 | 43.89 | Blaine Tech |
| | 12/19/2014 | 77.24 | 36.80 | 34.71 | 2.09 | 42.14 | Blaine Tech |
| | 4/20/2015 | 77.24 | 36.64 | 32.84 | 3.80 | 43.70 | Blaine Tech |
| | 7/24/2015 | 77.24 | 39.80 | 33.70 | 6.10 | 42.41 | Northstar |
| | 10/20/2015 | 77.24 | 36.10 | 34.92 | 1.18 | 42.10 | Kinder Morgan |
| | 3/16/2016 | 77.24 | 39.73 | 37.61 | 2.12 | 39.24 | Kinder Morgan |
| | 4/11/2016 | 77.24 | 38.59 | 35.50 | 3.09 | 41.17 | Blaine Tech |
| | 6/30/2016 | 77.24 | 36.55 | --- | --- | 40.69 | Blaine Tech |
| | 10/3/2016 | 77.24 | 37.70 | --- | --- | 39.54 | Blaine Tech |
| | 4/17/2017 | 77.24 | 34.47 | --- | --- | 42.77 | Blaine Tech |
| | 10/2/2017 | 77.24 | 38.45 | --- | --- | 38.79 | Blaine Tech |
| | 4/16/2018 | 77.24 | 38.23 | --- | --- | 39.01 | Blaine Tech |
| | 11/5/2018 | 77.24 | 38.02 | --- | --- | 39.22 | Blaine Tech |
| | 4/16/2019 | 77.24 | 36.19 | --- | --- | 41.05 | Blaine Tech |
| 10/28/2019 | 77.24 | 38.65 | --- | --- | 38.59 | Blaine Tech | |
| 5/4/2020 | 77.24 | 35.64 | --- | --- | 41.60 | Blaine Tech | |
| 11/2/2020 | 77.24 | 36.08 | --- | --- | 41.16 | Blaine Tech | |
| 5/3/2021 | 77.24 | 36.66 | --- | --- | 40.58 | Blaine Tech | |
| 11/1/2021 | 77.24 | 37.70 | --- | --- | 40.58 | Blaine Tech | |
| GMW-23 | 3/10/2022 | 74.85 | 39.89 | 33.92 | 5.97 | 39.74 | Blaine Tech |
| GMW-24 | 4/30/2007 | 74.04 | 27.07 | --- | --- | 46.97 | Secor |
| | 11/12/2007 | 74.04 | 27.50 | 27.46 | 0.04 | 46.57 | Stantec |
| | 8/12/2008 | 74.04 | NM | --- | --- | NC | Envent |
| | 8/19/2008 | 74.04 | 29.34 | 28.24 | 1.10 | 45.58 | Envent |
| | 10/17/2008 | 74.04 | 30.88 | 29.90 | 0.98 | 43.94 | Envent |
| | 10/21/2008 | 74.04 | 29.64 | 28.30 | 1.34 | 45.47 | Envent |
| | 12/18/2008 | 74.04 | 29.04 | --- | --- | 45.00 | Envent |
| | 1/15/2009 | 74.04 | 30.56 | 29.80 | 0.76 | 44.09 | Envent |
| | 3/20/2009 | 74.04 | 31.28 | --- | --- | 42.76 | Envent |
| | 3/27/2009 | 74.04 | 30.45 | --- | --- | 43.59 | Envent |
| | 4/21/2009 | 74.04 | 29.91 | --- | --- | 44.13 | Envent |
| | 7/21/2009 | 74.04 | 32.78 | --- | --- | 41.26 | Envent |
| | 10/19/2009 | 74.04 | NM | --- | --- | NC | Blaine Tech |
| | 2/4/2010 | 74.04 | 29.67 | 29.40 | 0.27 | 44.59 | Kinder Morgan |
| | 6/22/2010 | 74.04 | 29.47 | --- | --- | 44.57 | Blaine Tech |
| | 9/3/2010 | 74.04 | 29.90 | --- | --- | 44.14 | Kinder Morgan |
| | 10/4/2010 | 74.04 | 29.50 | --- | --- | 44.54 | Blaine Tech |
| | 4/11/2011 | 74.04 | 28.21 | --- | --- | 45.83 | Blaine Tech |
| | 10/10/2011 | 74.04 | 28.78 | --- | --- | 45.26 | Blaine Tech |
| | 4/16/2012 | 74.04 | 30.49 | 30.31 | 0.18 | 43.69 | Blaine Tech |
| | 7/9/2012 | --- | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 77.48 | 31.34 | --- | --- | 46.14 | Blaine Tech |
| | 4/8/2013 | 77.48 | NM | --- | --- | NC | Blaine Tech |
| 6/14/2013 | 77.48 | 33.35 | 32.40 | 0.95 | 44.89 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-24 Continued | 10/7/2013 | 77.48 | 35.42 | 31.61 | 3.81 | 45.11 | Blaine Tech |
| | 4/14/2014 | 77.48 | 37.74 | 32.01 | 5.73 | 44.32 | Blaine Tech |
| | 5/5/2014 | 77.48 | 37.81 | 32.09 | 5.72 | 44.25 | Nieto & Sons |
| | 5/12/2014 | 77.48 | 37.52 | 32.14 | 5.38 | 44.26 | Nieto & Sons |
| | 5/20/2014 | 77.48 | 37.39 | 32.21 | 5.18 | 44.23 | Nieto & Sons |
| | 5/27/2014 | 77.48 | 37.95 | 32.90 | 5.05 | 43.57 | Nieto & Sons |
| | 6/4/2014 | 77.48 | 37.00 | 32.70 | 4.30 | 43.92 | Nieto & Sons |
| | 6/10/2014 | 77.48 | 37.85 | 32.98 | 4.87 | 43.53 | Nieto & Sons |
| | 7/3/2014 | 77.48 | 39.60 | 33.04 | 6.56 | 43.13 | Nieto & Sons |
| | 7/8/2014 | 77.48 | 38.67 | 32.89 | 5.78 | 43.43 | Blaine Tech |
| | 7/18/2014 | 77.48 | 38.64 | 32.86 | 5.78 | 43.46 | Blaine Tech |
| | 7/24/2014 | 77.48 | 38.27 | 32.82 | 5.45 | 43.57 | Blaine Tech |
| | 8/1/2014 | 77.48 | 37.00 | 32.55 | 4.45 | 44.04 | Blaine Tech |
| | 8/8/2014 | 77.48 | 36.97 | 32.51 | 4.46 | 44.08 | Blaine Tech |
| | 8/13/2014 | 77.48 | 36.82 | 32.54 | 4.28 | 44.08 | Blaine Tech |
| | 8/19/2014 | 77.48 | 36.92 | 32.55 | 4.37 | 44.06 | Blaine Tech |
| | 8/29/2014 | 77.48 | 36.92 | 32.51 | 4.41 | 44.09 | Blaine Tech |
| | 9/5/2014 | 77.48 | 36.97 | 32.55 | 4.42 | 44.05 | Blaine Tech |
| | 9/11/2014 | 77.48 | 37.99 | 32.57 | 5.42 | 43.83 | Blaine Tech |
| | 9/18/2014 | 77.48 | 36.89 | 32.60 | 4.29 | 44.02 | Blaine Tech |
| | 9/26/2014 | 77.48 | 36.86 | 32.58 | 4.28 | 44.04 | Blaine Tech |
| | 10/1/2014 | 77.48 | 36.64 | 32.61 | 4.03 | 44.06 | Blaine Tech |
| | 10/6/2014 | 77.48 | 36.93 | 32.92 | 4.01 | 43.76 | Blaine Tech |
| | 10/14/2014 | 77.48 | 36.92 | 32.88 | 4.04 | 43.79 | Blaine Tech |
| | 10/23/2014 | 77.48 | 37.00 | 32.90 | 4.10 | 43.76 | Blaine Tech |
| | 10/27/2014 | 77.48 | 36.82 | 32.91 | 3.91 | 43.79 | Blaine Tech |
| | 11/3/2014 | 77.48 | 37.01 | 32.99 | 4.02 | 43.69 | Blaine Tech |
| | 11/10/2014 | 77.48 | 37.33 | 33.95 | 3.38 | 42.85 | Blaine Tech |
| | 11/18/2014 | 77.48 | 36.96 | 33.01 | 3.95 | 43.68 | Blaine Tech |
| | 11/25/2014 | 77.48 | 36.91 | 33.55 | 3.36 | 43.26 | Blaine Tech |
| | 12/3/2014 | 77.48 | 36.87 | 32.99 | 3.88 | 43.71 | Blaine Tech |
| | 12/12/2014 | 77.48 | 37.36 | 33.25 | 4.11 | 43.41 | Blaine Tech |
| | 12/19/2014 | 77.48 | 37.75 | 33.31 | 4.44 | 43.28 | Blaine Tech |
| | 3/10/2015 | 77.48 | 36.25 | --- | --- | 41.23 | Kinder Morgan |
| | 4/20/2015 | 77.48 | 36.29 | 33.82 | 2.47 | 43.17 | Blaine Tech |
| | 7/24/2015 | 77.48 | 39.80 | 33.70 | 6.10 | 42.56 | Blaine Tech |
| | 10/20/2015 | 77.48 | 35.44 | --- | --- | 42.04 | Kinder Morgan |
| | 3/16/2016 | 77.48 | 38.83 | --- | --- | 38.65 | Kinder Morgan |
| | 4/11/2016 | 77.48 | 37.10 | --- | --- | 40.38 | Blaine Tech |
| | 6/29/2016 | 77.48 | 38.20 | --- | --- | 39.28 | Blaine Tech |
| 8/22/2016 | 77.48 | 38.40 | --- | --- | 39.08 | Blaine Tech | |
| 10/3/2016 | 77.48 | 38.70 | --- | --- | 39.44 | Blaine Tech | |
| 4/17/2017 | 77.48 | 35.64 | 35.09 | 0.55 | 42.28 | Blaine Tech | |
| 10/2/2017 | 77.48 | 39.33 | --- | --- | 38.15 | Blaine Tech | |
| 4/16/2018 | 77.48 | 38.98 | --- | --- | 38.50 | Blaine Tech | |
| 11/5/2018 | 77.48 | 38.63 | 38.19 | 0.44 | 39.20 | Blaine Tech | |
| 4/16/2019 | 77.48 | 38.43 | --- | --- | 39.05 | Blaine Tech | |
| 10/28/2019 | 77.48 | 38.65 | --- | --- | 38.83 | Blaine Tech | |
| 5/4/2020 | 77.48 | 36.24 | --- | --- | 41.24 | Blaine Tech | |
| 11/2/2020 | 77.48 | 36.58 | --- | --- | 40.90 | Blaine Tech | |
| 5/3/2021 | 77.48 | 37.18 | --- | --- | 40.30 | Blaine Tech | |
| 11/1/2021 | 77.48 | 38.48 | --- | --- | 40.30 | Blaine Tech | |
| GMW-25 | 4/30/2007 | 74.29 | 26.60 | --- | --- | 47.69 | Secor |
| | 11/12/2007 | 74.29 | 27.30 | 27.25 | 0.05 | 47.03 | Stantec |
| | 8/12/2008 | 74.29 | 27.81 | --- | --- | 46.48 | Envent |
| | 10/17/2008 | 74.29 | 28.26 | --- | --- | 46.03 | Envent |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-25 Continued | 12/18/2008 | 74.29 | 29.01 | --- | --- | 45.28 | Envent |
| | 1/15/2009 | 74.29 | 28.62 | --- | --- | 45.67 | Envent |
| | 3/24/2009 | 74.29 | 28.79 | --- | --- | 45.50 | Envent |
| | 4/21/2009 | 74.29 | 28.35 | --- | --- | 45.94 | Envent |
| | 7/21/2009 | 74.29 | 29.80 | --- | --- | 44.49 | Envent |
| | 10/19/2009 | 74.29 | 30.28 | --- | --- | 44.01 | Blaine Tech |
| | 6/22/2010 | 74.29 | 31.64 | --- | --- | 42.65 | Blaine Tech |
| | 10/4/2010 | 74.29 | 29.25 | --- | --- | 45.04 | Blaine Tech |
| | 4/11/2011 | 74.29 | 26.21 | --- | --- | 48.08 | Blaine Tech |
| | 10/10/2011 | 74.29 | 30.02 | --- | --- | 44.27 | Blaine Tech |
| | 4/16/2012 | 74.29 | 31.30 | --- | --- | 42.99 | Blaine Tech |
| | 7/9/2012 | --- | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.14 | 31.88 | --- | --- | 46.26 | Blaine Tech |
| | 4/8/2013 | 78.14 | 32.11 | --- | --- | 46.03 | Blaine Tech |
| | 10/7/2013 | 78.14 | 33.23 | 33.10 | 0.13 | 45.01 | Blaine Tech |
| | 4/14/2014 | 78.14 | 37.40 | 33.00 | 4.40 | 44.13 | Blaine Tech |
| | 5/5/2014 | 78.14 | 37.51 | 33.06 | 4.45 | 44.06 | Nieto & Sons |
| | 5/12/2014 | 78.14 | 34.97 | 33.73 | 1.24 | 44.12 | Nieto & Sons |
| | 5/20/2014 | 78.14 | 36.75 | 34.30 | 2.45 | 43.28 | Nieto & Sons |
| | 5/27/2014 | 78.14 | 34.64 | 34.44 | 0.20 | 43.65 | Nieto & Sons |
| | 6/4/2014 | 78.14 | 35.00 | --- | --- | 43.14 | Nieto & Sons |
| | 6/10/2014 | 78.14 | 36.67 | 34.18 | 2.49 | 43.39 | Nieto & Sons |
| | 7/3/2014 | 78.14 | 34.21 | --- | --- | 43.93 | Nieto & Sons |
| | 7/24/2014 | 78.14 | 34.29 | --- | --- | 43.85 | Blaine Tech |
| | 8/1/2014 | 78.14 | 35.02 | 33.99 | 1.03 | 43.91 | Blaine Tech |
| | 8/8/2014 | 78.14 | 34.54 | 34.06 | 0.48 | 43.97 | Blaine Tech |
| | 8/14/2014 | 78.14 | 34.48 | 34.06 | 0.42 | 43.98 | Blaine Tech |
| | 8/19/2014 | 78.14 | 34.51 | 34.07 | 0.44 | 43.97 | Blaine Tech |
| | 8/29/2014 | 78.14 | 34.65 | 33.96 | 0.69 | 44.02 | Blaine Tech |
| | 9/18/2014 | 78.14 | 35.21 | 34.01 | 1.20 | 43.85 | Blaine Tech |
| | 9/26/2014 | 78.14 | 34.87 | 34.06 | 0.81 | 43.89 | Blaine Tech |
| | 10/1/2014 | 78.14 | 34.92 | 33.98 | 0.94 | 43.94 | Blaine Tech |
| | 10/6/2014 | 78.14 | 34.93 | 33.99 | 0.94 | 43.93 | Blaine Tech |
| | 10/14/2014 | 78.14 | 35.10 | 33.91 | 1.19 | 43.96 | Blaine Tech |
| | 10/23/2014 | 78.14 | 35.34 | 33.91 | 1.43 | 43.90 | Blaine Tech |
| | 10/27/2014 | 78.14 | 34.78 | 33.95 | 0.83 | 44.00 | Blaine Tech |
| | 11/3/2014 | 78.14 | 34.92 | 33.98 | 0.94 | 43.94 | Blaine Tech |
| | 11/10/2014 | 78.14 | 35.12 | 34.02 | 1.10 | 43.87 | Blaine Tech |
| | 11/18/2014 | 78.14 | 34.90 | 34.11 | 0.79 | 43.85 | Blaine Tech |
| | 11/25/2014 | 78.14 | 35.07 | 34.07 | 1.00 | 43.84 | Blaine Tech |
| 12/3/2014 | 78.14 | 35.10 | 33.98 | 1.12 | 43.90 | Blaine Tech | |
| 12/12/2014 | 78.14 | 35.22 | 34.30 | 0.92 | 43.63 | Blaine Tech | |
| 12/19/2014 | 78.14 | 35.05 | 34.50 | 0.55 | 43.51 | Blaine Tech | |
| 4/20/2015 | 78.14 | 35.19 | 34.47 | 0.72 | 43.50 | Blaine Tech | |
| 6/25/2015 | 78.14 | 36.35 | 35.40 | 0.95 | 42.52 | Blaine Tech | |
| 10/20/2015 | 78.14 | 35.40 | 35.38 | 0.02 | 42.76 | Kinder Morgan | |
| 3/16/2016 | 78.14 | 38.99 | --- | --- | 39.15 | Kinder Morgan | |
| 4/12/2016 | 78.14 | 37.15 | --- | --- | 40.99 | Kinder Morgan | |
| 6/29/2016 | 78.14 | 38.40 | --- | --- | 39.74 | Blaine Tech | |
| 8/22/2016 | 78.14 | 38.44 | --- | --- | 39.70 | Blaine Tech | |
| 10/3/2016 | 78.14 | 38.70 | --- | --- | 39.44 | Blaine Tech | |
| 4/17/2017 | 78.14 | 35.23 | --- | --- | 42.91 | Blaine Tech | |
| 10/2/2017 | 78.14 | 39.22 | --- | --- | 38.92 | Blaine Tech | |
| 4/16/2018 | 78.14 | 38.85 | --- | --- | 39.29 | Blaine Tech | |
| 11/5/2018 | 78.14 | 38.70 | --- | --- | 39.44 | Blaine Tech | |
| 4/16/2019 | 78.14 | 36.89 | --- | --- | 41.25 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-25 Continued | 10/28/2019 | 78.14 | 37.10 | --- | --- | 41.04 | Blaine Tech |
| | 5/4/2020 | 78.14 | 36.49 | --- | --- | 41.65 | Blaine Tech |
| | 11/2/2020 | 78.14 | 36.98 | --- | --- | 41.16 | Blaine Tech |
| | 5/3/2021 | 78.14 | 37.42 | --- | --- | 40.72 | Blaine Tech |
| | 11/1/2021 | 78.14 | 38.38 | --- | --- | 39.76 | Blaine Tech |
| GMW-28 | 3/10/2022 | 74.68 | 34.63 | --- | --- | 40.05 | Blaine Tech |
| GMW-29 | 3/10/2022 | 77.57 | 35.53 | 34.81 | 0.72 | 42.62 | Blaine Tech |
| GMW-36 | 3/12/2007 | 74.53 | 24.29 | --- | --- | 50.24 | Secor |
| | 4/30/2007 | 74.53 | 24.40 | --- | --- | 50.13 | Secor |
| | 8/28/2007 | 74.53 | 24.31 | --- | --- | 50.22 | Stantec |
| | 11/12/2007 | 74.53 | 24.86 | 24.85 | 0.01 | 49.68 | Stantec |
| | 2/19/2008 | 74.53 | 25.50 | --- | --- | 49.03 | Stantec |
| | 4/14/2008 | 74.53 | 24.61 | --- | --- | 49.92 | Stantec |
| | 8/8/2008 | 74.53 | 26.20 | 26.14 | 0.06 | 48.38 | Envent |
| | 10/16/2008 | 74.77 | 26.11 | 26.09 | 0.02 | 48.68 | Envent |
| | 12/18/2008 | 74.53 | 28.70 | 28.65 | 0.05 | 45.87 | Envent |
| | 1/15/2009 | 74.53 | 27.73 | 27.45 | 0.28 | 47.02 | Envent |
| | 2/20/2009 | 74.53 | 26.39 | 26.35 | 0.04 | 48.17 | Envent |
| | 2/23/2009 | 74.53 | 26.13 | 25.80 | 0.33 | 48.66 | Blaine Tech |
| | 3/24/2009 | 74.53 | 29.83 | --- | --- | 44.70 | Envent |
| | 4/20/2009 | 74.53 | 25.63 | 25.59 | 0.04 | 48.93 | Blaine Tech |
| | 7/17/2009 | 74.53 | 27.40 | --- | --- | 47.13 | Envent |
| | 7/20/2009 | 74.53 | 25.90 | --- | --- | 48.63 | Blaine Tech |
| | 7/21/2009 | 74.53 | 26.03 | --- | --- | 48.50 | Envent |
| | 7/22/2009 | 74.53 | 25.90 | --- | --- | 48.63 | Blaine Tech |
| | 10/19/2009 | 74.53 | 26.56 | 26.45 | 0.11 | 48.06 | Blaine Tech |
| | 2/4/2010 | 74.53 | 26.93 | 26.80 | 0.13 | 47.70 | Kinder Morgan |
| | 3/15/2010 | 74.53 | 26.80 | --- | --- | 47.73 | Blaine Tech |
| | 4/16/2010 | 74.53 | 26.90 | --- | --- | 47.63 | Blaine Tech |
| | 5/24/2010 | 74.53 | 25.96 | 25.90 | 0.06 | 48.62 | Blaine Tech |
| | 5/28/2010 | 74.53 | 25.94 | 25.88 | 0.06 | 48.64 | Blaine Tech |
| | 6/22/2010 | 74.53 | 25.94 | 25.91 | 0.03 | 48.61 | Blaine Tech |
| | 7/12/2010 | 74.53 | NM | --- | --- | NC | |
| | 8/12/2010 | 74.53 | NM | --- | --- | NC | |
| | 9/20/2010 | 74.53 | NM | --- | --- | NC | |
| | 10/4/2010 | 74.53 | 26.90 | --- | --- | 47.63 | |
| | 10/24/2010 | 74.53 | 26.90 | --- | --- | 47.63 | Blaine Tech |
| | 11/23/2010 | 74.53 | 27.35 | 27.10 | 0.25 | 47.38 | Blaine Tech |
| | 12/22/2010 | 74.53 | 28.35 | 26.84 | 1.51 | 47.39 | Blaine Tech |
| | 1/10/2011 | 74.53 | 29.10 | 27.70 | 1.40 | 46.55 | Blaine Tech |
| | 2/24/2011 | 74.53 | NM | --- | --- | NC | Blaine Tech |
| | 3/23/2011 | 74.53 | NM | --- | --- | NC | Blaine Tech |
| | 4/12/2011 | 74.53 | 26.98 | 25.05 | 1.93 | 49.09 | Blaine Tech |
| 5/13/2011 | 74.53 | NM | --- | --- | NC | Blaine Tech | |
| 6/22/2011 | 74.53 | NM | --- | --- | NC | | |
| 7/11/2011 | 74.53 | NM | --- | --- | NC | | |
| 8/19/2011 | 74.53 | NM | --- | --- | NC | | |
| 9/22/2011 | 74.53 | NM | --- | --- | NC | | |
| 10/10/2011 | 74.53 | 25.96 | --- | --- | 48.57 | Blaine Tech | |
| 11/28/2011 | 74.53 | NM | --- | --- | NC | | |
| 12/2/2011 | 74.53 | 26.71 | --- | --- | 47.82 | Kinder Morgan | |
| 12/21/2011 | 74.53 | 28.17 | --- | --- | 46.36 | Blaine Tech | |
| 1/9/2012 | 74.53 | 27.26 | --- | --- | 47.27 | Blaine Tech | |
| 2/23/2012 | 74.53 | 27.85 | --- | --- | 46.68 | Blaine Tech | |
| 3/28/2012 | 74.53 | NM | --- | --- | NC | Blaine Tech | |
| 4/16/2012 | 74.53 | 27.34 | --- | --- | 47.19 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|---------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-36 Continued | 5/25/2012 | 74.53 | NM | --- | --- | NC | Blaine Tech |
| | 6/15/2012 | --- | 33.27 | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | --- | 33.71 | --- | --- | NC | Blaine Tech |
| | 8/29/2012 | --- | NM | --- | --- | NC | Blaine Tech |
| | 9/26/2012 | --- | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 76.66 | 32.11 | --- | --- | 44.55 | Blaine Tech |
| | 11/29/2012 | 76.66 | 33.93 | 31.68 | 2.25 | 44.53 | Blaine Tech |
| | 12/26/2012 | 76.66 | 34.86 | 30.36 | 4.50 | 45.40 | Blaine Tech |
| | 1/14/2013 | 76.66 | 34.12 | 30.42 | 3.70 | 45.50 | Blaine Tech |
| | 2/20/2013 | 76.66 | NM | --- | --- | NC | Blaine Tech |
| | 4/10/2013 | 76.66 | 32.42 | 29.75 | 2.67 | 46.38 | Blaine Tech |
| | 10/7/2013 | 76.66 | 34.65 | 30.72 | 3.93 | 45.15 | Blaine Tech |
| | 4/25/2014 | 76.66 | 34.71 | 31.12 | 3.59 | 44.82 | Blaine Tech |
| | 5/20/2014 | 76.66 | 34.95 | 31.50 | 3.45 | 44.47 | Nieto & Sons |
| | 5/27/2014 | 76.66 | 34.53 | 31.29 | 3.24 | 44.72 | Nieto & Sons |
| | 6/4/2014 | 76.66 | 34.93 | 31.50 | 3.43 | 44.47 | Nieto & Sons |
| | 8/13/2014 | 76.66 | 34.86 | 31.27 | 3.59 | 44.67 | Blaine Tech |
| | 8/19/2014 | 76.66 | 34.20 | 31.39 | 2.81 | 44.71 | Blaine Tech |
| | 8/29/2014 | 76.66 | 34.31 | 31.32 | 2.99 | 44.74 | Blaine Tech |
| | 9/5/2014 | 76.66 | 34.35 | 31.37 | 2.98 | 44.69 | Blaine Tech |
| | 9/11/2014 | 76.66 | 35.00 | 31.23 | 3.77 | 44.68 | Blaine Tech |
| | 9/18/2014 | 76.66 | 34.42 | 31.50 | 2.92 | 44.58 | Blaine Tech |
| | 9/26/2014 | 76.66 | 34.15 | 31.48 | 2.67 | 44.65 | Blaine Tech |
| | 10/1/2014 | 76.66 | 33.51 | 31.61 | 1.90 | 44.67 | Blaine Tech |
| | 10/6/2014 | 76.66 | 33.29 | 31.63 | 1.66 | 44.70 | Blaine Tech |
| | 10/14/2014 | 76.66 | 33.48 | 31.55 | 1.93 | 44.72 | Blaine Tech |
| | 10/23/2014 | 76.66 | 33.64 | 31.57 | 2.07 | 44.68 | Blaine Tech |
| | 10/27/2014 | 76.66 | 33.02 | 31.79 | 1.23 | 44.62 | Blaine Tech |
| | 11/3/2014 | 76.66 | 33.75 | 31.57 | 2.18 | 44.65 | Blaine Tech |
| | 11/18/2014 | 76.66 | 33.17 | 31.75 | 1.42 | 44.63 | Blaine Tech |
| | 11/25/2014 | 76.66 | 33.13 | 31.86 | 1.27 | 44.55 | Blaine Tech |
| | 12/3/2014 | 76.66 | 32.93 | 31.75 | 1.18 | 44.67 | Blaine Tech |
| | 4/20/2015 | 76.66 | 33.64 | 32.20 | 1.44 | 44.17 | Blaine Tech |
| 10/21/2015 | 76.66 | 33.55 | 33.16 | 0.39 | 43.42 | Blaine Tech | |
| 4/12/2016 | 76.66 | 34.30 | 34.03 | 0.27 | 42.58 | Kinder Morgan | |
| 10/3/2016 | 76.66 | 35.05 | 34.65 | 0.40 | 41.93 | Blaine Tech | |
| 3/9/2017 | 76.66 | 33.45 | --- | --- | 43.21 | CH2M | |
| 4/17/2017 | 76.66 | 32.96 | --- | --- | 43.70 | Blaine Tech | |
| 10/2/2017 | 76.66 | 34.10 | --- | --- | 42.56 | Blaine Tech | |
| 4/16/2018 | 76.66 | 35.18 | --- | --- | 41.48 | Blaine Tech | |
| 11/5/2018 | 76.66 | 35.91 | --- | --- | 40.75 | Blaine Tech | |
| 4/23/2019 | 76.66 | 33.56 | --- | --- | 43.10 | Blaine Tech | |
| 10/28/2019 | 76.66 | 34.86 | 34.84 | 0.02 | 41.82 | Blaine Tech | |
| 5/4/2020 | 76.66 | 31.03 | --- | --- | 45.63 | Blaine Tech | |
| 11/2/2020 | 76.66 | Sludge in well, unable to gauge | | | | | Blaine Tech |
| 2/24/2021 | 76.66 | 35.18 | --- | --- | 48.82 | Blaine Tech | |
| 5/3/2021 | 76.66 | 30.69 | --- | --- | 45.97 | Blaine Tech | |
| 8/31/2021 | 76.66 | 30.47 | --- | --- | 46.19 | Blaine Tech | |
| 11/1/2021 | 76.66 | 37.95 | --- | --- | 46.19 | Blaine Tech | |
| 3/10/2022 | 76.66 | 27.29 | --- | --- | 49.37 | Blaine Tech | |
| GMW-O-11 | 4/30/2007 | 74.17 | 23.91 | 23.90 | 0.01 | 50.27 | Secor |
| | 11/12/2007 | 74.17 | 24.40 | --- | --- | 49.77 | Stantec |
| | 8/15/2008 | 74.17 | 29.30 | --- | --- | 44.87 | Envent |
| | 10/17/2008 | 74.17 | 24.45 | --- | --- | 49.72 | Envent |
| | 12/19/2008 | 74.17 | 24.85 | --- | --- | 49.32 | Envent |
| 1/15/2009 | 74.17 | 26.87 | 24.38 | 2.49 | 49.29 | Envent | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPF Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-11 Continued | 2/24/2009 | 74.17 | 24.31 | 24.21 | 0.10 | 49.94 | Envent |
| | 3/27/2009 | 74.17 | 31.08 | --- | --- | 43.09 | Envent |
| | 4/21/2009 | 74.17 | 25.36 | 25.34 | 0.02 | 48.83 | Envent |
| | 7/21/2009 | 74.17 | 26.18 | --- | --- | 47.99 | Envent |
| | 10/19/2009 | 74.17 | NM | --- | --- | NC | Blaine Tech |
| | 11/6/2009 | 74.17 | 26.33 | 26.18 | 0.15 | 47.96 | Kinder Morgan |
| | 10/4/2010 | 74.17 | 30.00 | --- | --- | 44.17 | Blaine Tech |
| | 4/13/2011 | 74.17 | 24.19 | --- | --- | 49.98 | Blaine Tech |
| | 10/10/2011 | 74.17 | 24.38 | --- | --- | 49.79 | Blaine Tech |
| | 4/16/2012 | 74.17 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 74.17 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 74.17 | 28.12 | --- | --- | 46.05 | Blaine Tech |
| | 4/8/2013 | 74.17 | NM | --- | --- | NC | Blaine Tech |
| | 9/24/2013 | 74.17 | 31.25 | 28.15 | 3.10 | 45.40 | Blaine Tech |
| | 10/7/2013 | 74.17 | 31.19 | 27.69 | 3.50 | 45.78 | Blaine Tech |
| | 4/25/2014 | 74.17 | 28.96 | 28.62 | 0.34 | 45.48 | Blaine Tech |
| | 9/5/2014 | 74.17 | 31.13 | 27.89 | 3.24 | 45.63 | Blaine Tech |
| | 9/11/2014 | 74.17 | 31.12 | 27.85 | 3.27 | 45.67 | Blaine Tech |
| | 9/18/2014 | 74.17 | 31.22 | 27.85 | 3.37 | 45.65 | Blaine Tech |
| | 9/26/2014 | 74.17 | 31.34 | 27.91 | 3.43 | 45.57 | Blaine Tech |
| | 10/1/2014 | 74.17 | 31.19 | 27.84 | 3.35 | 45.66 | Blaine Tech |
| | 10/6/2014 | 74.17 | 32.19 | 27.84 | 4.35 | 45.46 | Blaine Tech |
| | 10/14/2014 | 74.17 | 31.18 | 28.85 | 2.33 | 44.85 | Blaine Tech |
| | 10/23/2014 | 74.17 | 31.34 | 27.85 | 3.49 | 45.62 | Blaine Tech |
| | 10/27/2014 | 74.17 | 31.28 | 28.89 | 2.39 | 44.80 | Blaine Tech |
| | 11/3/2014 | 74.17 | 32.34 | 27.83 | 4.51 | 45.44 | Blaine Tech |
| | 11/10/2014 | 74.17 | 31.46 | 27.97 | 3.49 | 45.50 | Blaine Tech |
| | 11/18/2014 | 74.17 | 31.41 | 27.88 | 3.53 | 45.58 | Blaine Tech |
| | 11/25/2014 | 74.17 | 31.48 | 27.87 | 3.61 | 45.58 | Blaine Tech |
| | 12/3/2014 | 74.17 | 33.34 | 29.95 | 3.39 | 43.54 | Blaine Tech |
| | 12/12/2014 | 74.17 | 33.25 | 29.08 | 4.17 | 44.26 | Blaine Tech |
| | 12/19/2014 | 74.17 | 32.52 | 28.09 | 4.43 | 45.19 | Blaine Tech |
| | 4/22/2015 | 74.17 | 31.54 | 28.10 | 3.44 | 45.38 | Blaine Tech |
| | 10/22/2015 | 74.17 | 33.08 | 29.23 | 3.85 | 44.17 | Kinder Morgan |
| | 3/16/2016 | 74.17 | 33.39 | 33.16 | 0.23 | 40.96 | Kinder Morgan |
| | 4/12/2016 | 74.17 | 33.33 | 33.12 | 0.21 | 41.01 | Kinder Morgan |
| | 6/30/2016 | 74.17 | 31.50 | --- | --- | 42.67 | Kinder Morgan |
| | 8/22/2016 | 74.17 | 32.75 | 32.74 | 0.01 | 41.43 | Kinder Morgan |
| | 10/3/2016 | 74.17 | 32.72 | 32.71 | 0.01 | 41.46 | Kinder Morgan |
| | 3/24/2017 | 74.17 | 31.50 | 30.45 | 1.05 | 43.51 | CH2M |
| 4/17/2017 | 74.17 | 30.12 | 29.96 | 0.16 | 44.18 | Blaine Tech | |
| 10/2/2017 | 74.17 | 33.54 | --- | --- | 40.63 | Blaine Tech | |
| 4/16/2018 | 74.17 | NM | --- | --- | NC | Blaine Tech | |
| 11/5/2018 | 74.17 | 33.22 | 33.11 | 0.11 | 41.04 | Blaine Tech | |
| 4/16/2019 | 74.17 | NM | --- | --- | NC | Blaine Tech | |
| 10/28/2019 | 74.17 | NM | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 74.17 | 30.94 | --- | --- | 43.23 | Blaine Tech | |
| 8/20/2020 | 74.17 | 30.89 | --- | --- | 43.28 | Blaine Tech | |
| 11/2/2020 | 74.17 | 30.30 | --- | --- | 43.87 | Blaine Tech | |
| 2/24/2021 | 74.17 | 32.18 | --- | --- | 47.87 | Blaine Tech | |
| 5/3/2021 | 74.17 | 31.89 | --- | --- | 42.28 | Blaine Tech | |
| 8/31/2021 | 74.17 | 31.50 | --- | --- | 42.67 | Blaine Tech | |
| 11/1/2021 | 74.17 | 34.76 | --- | --- | 42.67 | Blaine Tech | |
| 3/10/2022 | 74.17 | 32.60 | --- | --- | 41.57 | Blaine Tech | |
| GMW-O-12 | 4/30/2007 | 73.49 | 22.81 | --- | --- | 50.68 | Secor |
| | 11/12/2007 | 73.49 | 23.13 | --- | --- | 50.36 | Stantec |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-12 Continued | 4/14/2008 | 73.49 | 23.36 | --- | --- | 50.13 | Stantec |
| | 10/13/2008 | 73.49 | 24.20 | --- | --- | 49.29 | Stantec |
| | 4/20/2009 | 73.49 | 24.21 | --- | --- | 49.28 | Blaine Tech |
| | 10/19/2009 | 73.49 | 25.08 | --- | --- | 48.41 | Blaine Tech |
| | 5/24/2010 | 73.49 | 24.80 | --- | --- | 48.69 | Blaine Tech |
| | 5/28/2010 | 73.49 | 24.74 | --- | --- | 48.75 | Blaine Tech |
| | 10/4/2010 | 73.49 | 25.31 | 25.20 | 0.11 | 48.27 | Blaine Tech |
| | 1/10/2011 | 73.49 | 26.42 | 26.32 | 0.10 | 47.15 | Blaine Tech |
| | 4/11/2011 | 73.49 | 24.04 | --- | --- | 49.45 | Blaine Tech |
| | 7/11/2011 | 73.49 | NM | --- | --- | NC | |
| | 10/10/2011 | 73.49 | 24.68 | --- | --- | 48.81 | Blaine Tech |
| | 1/9/2012 | 73.49 | 25.12 | --- | --- | 48.37 | Blaine Tech |
| | 4/16/2012 | 73.49 | 25.40 | --- | --- | 48.09 | Blaine Tech |
| | 7/9/2012 | 73.49 | 26.96 | --- | --- | 46.53 | Blaine Tech |
| | 10/15/2012 | 73.49 | 25.48 | 25.44 | 0.04 | 48.04 | Blaine Tech |
| | 1/14/2013 | 73.49 | 25.62 | 25.58 | 0.04 | 47.90 | Blaine Tech |
| | 4/8/2013 | 73.49 | 26.60 | 26.51 | 0.09 | 46.96 | Blaine Tech |
| | 9/24/2013 | 73.49 | 27.90 | 27.74 | 0.16 | 45.72 | Blaine Tech |
| | 10/7/2013 | 73.49 | 27.34 | 27.28 | 0.06 | 46.20 | Blaine Tech |
| | 4/14/2014 | 73.49 | 30.34 | 26.80 | 3.54 | 45.96 | Blaine Tech |
| | 5/6/2014 | 73.49 | 30.93 | 26.74 | 4.19 | 45.89 | Nieto & Sons |
| | 5/12/2014 | 73.49 | 30.81 | 26.82 | 3.99 | 45.85 | Nieto & Sons |
| | 5/20/2014 | 73.49 | 31.78 | 27.32 | 4.46 | 45.26 | Nieto & Sons |
| | 5/27/2014 | 73.49 | 33.04 | 26.78 | 6.26 | 45.43 | Nieto & Sons |
| | 6/4/2014 | 73.49 | 33.00 | 27.75 | 5.25 | 44.66 | Nieto & Sons |
| | 6/10/2014 | 73.49 | 34.53 | 26.81 | 7.72 | 45.10 | Nieto & Sons |
| | 7/3/2014 | 73.49 | 34.27 | 26.94 | 7.33 | 45.05 | Blaine Tech |
| | 7/8/2014 | 73.49 | 33.87 | 26.87 | 7.00 | 45.19 | Blaine Tech |
| | 7/18/2014 | 73.49 | 33.36 | 27.07 | 6.29 | 45.13 | Blaine Tech |
| | 7/24/2014 | 73.49 | 33.00 | 26.98 | 6.02 | 45.28 | Blaine Tech |
| | 8/1/2014 | 73.49 | 31.80 | 26.83 | 4.97 | 45.64 | Blaine Tech |
| | 8/8/2014 | 73.49 | 31.26 | 26.91 | 4.35 | 45.69 | Blaine Tech |
| | 8/13/2014 | 73.49 | 31.18 | 26.88 | 4.30 | 45.73 | Blaine Tech |
| | 8/19/2014 | 73.49 | 31.01 | 26.86 | 4.15 | 45.78 | Blaine Tech |
| | 8/29/2014 | 73.49 | 31.03 | 26.89 | 4.14 | 45.75 | Blaine Tech |
| | 9/5/2014 | 73.49 | 31.19 | 26.88 | 4.31 | 45.73 | Blaine Tech |
| | 9/18/2014 | 73.49 | 31.30 | 26.82 | 4.48 | 45.75 | Blaine Tech |
| | 9/26/2014 | 73.49 | 31.33 | 26.89 | 4.44 | 45.69 | Blaine Tech |
| | 10/1/2014 | 73.49 | 31.21 | 26.85 | 4.36 | 45.75 | Blaine Tech |
| | 10/6/2014 | 73.49 | 31.20 | 29.84 | 1.36 | 43.37 | Blaine Tech |
| 10/14/2014 | 73.49 | 31.14 | 26.86 | 4.28 | 45.75 | Blaine Tech | |
| 10/23/2014 | 73.49 | 31.30 | 26.85 | 4.45 | 45.73 | Blaine Tech | |
| 10/27/2014 | 73.49 | 31.28 | 26.90 | 4.38 | 45.69 | Blaine Tech | |
| 11/3/2014 | 73.49 | 32.30 | 26.84 | 5.46 | 45.53 | Blaine Tech | |
| 11/10/2014 | 73.49 | 31.45 | 26.91 | 4.54 | 45.65 | Blaine Tech | |
| 11/18/2014 | 73.49 | 32.34 | 26.90 | 5.44 | 45.47 | Blaine Tech | |
| 11/25/2014 | 73.49 | 31.57 | 27.87 | 3.70 | 44.86 | Blaine Tech | |
| 12/3/2014 | 73.49 | 33.87 | 28.81 | 5.06 | 43.64 | Blaine Tech | |
| 12/19/2014 | 73.49 | 32.78 | 26.97 | 5.81 | 45.33 | Blaine Tech | |
| 4/20/2015 | 73.49 | 33.35 | 26.91 | 6.44 | 45.26 | Blaine Tech | |
| 4/22/2015 | 73.49 | 33.35 | 26.91 | 6.44 | 45.26 | Blaine Tech | |
| 5/21/2015 | 73.49 | 34.31 | 27.35 | 6.96 | 44.71 | Northstar | |
| 5/29/2015 | 73.49 | 34.15 | 27.24 | 6.91 | 44.83 | Northstar | |
| 6/2/2015 | 73.49 | 34.00 | 27.27 | 6.73 | 44.84 | Northstar | |
| 6/5/2015 | 73.49 | 34.00 | 27.50 | 6.50 | 44.66 | Northstar | |
| 6/12/2015 | 73.49 | 33.96 | 27.35 | 6.61 | 44.78 | Northstar | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-12 Continued | 6/19/2015 | 73.49 | 33.98 | 27.58 | 6.40 | 44.60 | Northstar |
| | 6/26/2015 | 73.49 | 33.97 | 28.15 | 5.82 | 44.15 | Northstar |
| | 7/2/2015 | 73.49 | 33.83 | 28.20 | 5.63 | 44.14 | Northstar |
| | 7/7/2015 | 73.49 | 33.60 | 27.93 | 5.67 | 44.40 | Northstar |
| | 7/17/2015 | 73.49 | 33.57 | 27.85 | 5.72 | 44.47 | Northstar |
| | 7/24/2015 | 73.49 | 33.15 | 28.25 | 4.90 | 44.24 | Northstar |
| | 7/29/2015 | 73.49 | 33.02 | 28.10 | 4.92 | 44.38 | Northstar |
| | 8/11/2015 | 73.49 | 33.00 | 28.90 | 4.10 | 43.75 | Northstar |
| | 8/18/2015 | 73.49 | 32.65 | 28.23 | 4.42 | 44.35 | Northstar |
| | 8/28/2015 | 73.49 | 32.41 | 28.17 | 4.24 | 44.45 | Kinder Morgan |
| | 9/1/2015 | 73.49 | 33.18 | 28.65 | 4.53 | 43.91 | Kinder Morgan |
| | 9/25/2015 | 73.49 | 34.69 | 28.03 | 6.66 | 44.09 | Kinder Morgan |
| | 10/16/2015 | 73.49 | 34.63 | 27.83 | 6.80 | 44.27 | Kinder Morgan |
| | 10/19/2015 | 73.49 | 34.65 | 27.82 | 6.83 | 44.27 | Blaine Tech |
| | 10/30/2015 | 73.49 | 39.38 | 28.11 | 11.27 | 43.07 | Kinder Morgan |
| | 3/14/2016 | 73.49 | 32.40 | 31.60 | 0.80 | 41.73 | Blaine Tech |
| | 4/11/2016 | 73.49 | 33.35 | 26.86 | 6.49 | 45.30 | Blaine Tech |
| | 6/29/2016 | 73.49 | 33.90 | 33.10 | 0.80 | 40.23 | Blaine Tech |
| | 8/22/2016 | 73.49 | 33.56 | 31.07 | 2.49 | 41.91 | Blaine Tech |
| | 10/3/2016 | 73.49 | 34.20 | 31.90 | 2.30 | 41.12 | Blaine Tech |
| | 4/17/2017 | 73.49 | 32.90 | 28.70 | 4.20 | 43.95 | Blaine Tech |
| | 10/2/2017 | 73.49 | 33.20 | 32.00 | 1.20 | 41.25 | Blaine Tech |
| | 4/16/2018 | 73.49 | 33.04 | 31.89 | 1.15 | 41.37 | Blaine Tech |
| | 11/5/2018 | 73.49 | 32.65 | 32.31 | 0.34 | 41.11 | Blaine Tech |
| | 4/16/2019 | 73.49 | 31.62 | 31.21 | 0.41 | 42.20 | Blaine Tech |
| | 10/28/2019 | 73.49 | 32.45 | 31.85 | 0.60 | 41.52 | Blaine Tech |
| | 5/4/2020 | 73.49 | 30.35 | 30.04 | 0.31 | 43.39 | Blaine Tech |
| | 8/20/2020 | 73.49 | 31.98 | 31.75 | 0.23 | 41.69 | Blaine Tech |
| | 11/2/2020 | 73.49 | 31.65 | 30.27 | 1.38 | 42.94 | Blaine Tech |
| | 2/24/2021 | 73.49 | 31.97 | 31.45 | 0.52 | 41.94 | Blaine Tech |
| 5/3/2021 | 73.49 | 31.66 | 31.05 | 0.61 | 41.83 | Blaine Tech | |
| 8/31/2021 | 73.49 | 25.89 | 25.89 | 0.00 | 47.60 | Blaine Tech | |
| 11/1/2021 | 73.49 | 34.89 | 33.18 | 1.71 | 47.60 | Blaine Tech | |
| 3/10/2022 | 73.49 | NM | --- | --- | NC | Blaine Tech | |
| GMW-O-14 | 3/10/2022 | 74.08 | 29.35 | --- | --- | 44.73 | Blaine Tech |
| GMW-O-15 | 4/30/2007 | 74.23 | 23.41 | 23.30 | 0.11 | 50.91 | Secor |
| | 11/12/2007 | 74.23 | 23.95 | 23.85 | 0.10 | 50.36 | Stantec |
| | 4/14/2008 | 74.23 | 23.64 | --- | --- | 50.59 | Stantec |
| | 8/8/2008 | 74.23 | 24.60 | --- | --- | 49.63 | Envent |
| | 8/11/2008 | 74.23 | 24.40 | 24.34 | 0.06 | 49.88 | Stantec |
| | 10/16/2008 | 74.23 | 24.53 | --- | --- | 49.70 | Envent |
| | 12/18/2008 | 74.23 | 24.86 | --- | --- | 49.37 | Envent |
| | 1/2/2009 | 74.23 | 24.82 | --- | --- | 49.41 | Envent |
| | 1/15/2009 | 74.23 | 26.01 | --- | --- | 48.22 | Envent |
| | 2/20/2009 | 74.23 | 24.80 | --- | --- | 49.43 | Envent |
| | 2/23/2009 | 74.23 | 24.76 | 24.74 | 0.02 | 49.49 | Blaine Tech |
| | 3/24/2009 | 74.23 | 25.55 | --- | --- | 48.68 | Envent |
| | 4/20/2009 | 74.23 | 24.66 | 24.61 | 0.05 | 49.61 | Blaine Tech |
| | 7/17/2009 | 74.23 | 25.01 | --- | --- | 49.22 | Envent |
| | 7/20/2009 | 74.23 | 24.99 | 24.94 | 0.05 | 49.28 | Blaine Tech |
| | 7/22/2009 | 74.23 | 24.99 | 24.94 | 0.05 | 49.28 | Blaine Tech |
| | 10/19/2009 | 74.23 | 25.55 | 25.43 | 0.12 | 48.78 | Blaine Tech |
| | 2/4/2010 | 74.23 | 25.50 | 25.48 | 0.02 | 48.75 | Kinder Morgan |
| | 3/15/2010 | 74.23 | NM | --- | --- | NC | |
| | 4/16/2010 | 74.23 | 23.10 | --- | --- | 51.13 | Blaine Tech |
| 5/24/2010 | 74.23 | 25.67 | --- | --- | 48.56 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPF Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-15 Continued | 5/28/2010 | 74.23 | 25.35 | --- | --- | 48.88 | Blaine Tech |
| | 6/22/2010 | 74.23 | 25.81 | --- | --- | 48.42 | Blaine Tech |
| | 7/12/2010 | 74.23 | NM | --- | --- | NC | |
| | 8/12/2010 | 74.23 | NM | --- | --- | NC | |
| | 9/20/2010 | 74.23 | NM | --- | --- | NC | |
| | 10/4/2010 | 74.23 | 25.85 | 25.80 | 0.05 | 48.42 | Blaine Tech |
| | 11/23/2010 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 12/22/2010 | 74.23 | 26.31 | --- | --- | 47.92 | Blaine Tech |
| | 1/10/2011 | 74.23 | 25.97 | --- | --- | 48.26 | Blaine Tech |
| | 2/24/2011 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 3/23/2011 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 4/12/2011 | 74.23 | 22.55 | 22.53 | 0.02 | 51.70 | Blaine Tech |
| | 5/13/2011 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 6/22/2011 | 74.23 | NM | --- | --- | NC | |
| | 7/11/2011 | 74.23 | NM | --- | --- | NC | |
| | 8/19/2011 | 74.23 | NM | --- | --- | NC | |
| | 9/22/2011 | 74.23 | NM | --- | --- | NC | |
| | 10/10/2011 | 74.23 | 23.79 | 23.22 | 0.57 | 50.90 | Blaine Tech |
| | 11/28/2011 | 74.23 | NM | --- | --- | NC | |
| | 12/2/2011 | 74.23 | 23.92 | 23.86 | 0.06 | 50.36 | Kinder Morgan |
| | 12/21/2011 | 74.23 | 31.13 | --- | --- | 43.10 | Blaine Tech |
| | 1/9/2012 | 74.23 | 27.67 | --- | --- | 46.56 | Blaine Tech |
| | 2/23/2012 | 74.23 | 31.82 | --- | --- | 42.41 | Blaine Tech |
| | 3/28/2012 | 74.23 | 30.30 | --- | --- | 43.93 | Blaine Tech |
| | 4/16/2012 | 74.23 | 26.56 | 26.51 | 0.05 | 47.71 | Blaine Tech |
| | 5/25/2012 | 74.23 | 26.64 | --- | --- | 47.59 | Blaine Tech |
| | 6/15/2012 | 74.23 | 26.93 | --- | --- | 47.30 | Blaine Tech |
| | 7/9/2012 | 74.23 | 25.47 | --- | --- | 48.76 | Blaine Tech |
| | 8/29/2012 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 9/26/2012 | 74.23 | 30.64 | --- | --- | 43.59 | Blaine Tech |
| | 10/15/2012 | 74.23 | 31.82 | --- | --- | 42.41 | Blaine Tech |
| | 11/29/2012 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 12/26/2012 | 74.23 | 27.41 | --- | --- | 46.82 | Blaine Tech |
| | 1/14/2013 | 74.23 | 27.62 | --- | --- | 46.61 | Blaine Tech |
| | 2/20/2013 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 4/10/2013 | 74.23 | NM | --- | --- | NC | Blaine Tech |
| | 4/26/2013 | 74.23 | 27.90 | --- | --- | 46.33 | Kinder Morgan |
| | 10/7/2013 | 74.23 | 29.03 | 28.26 | 0.77 | 45.82 | Blaine Tech |
| | 4/18/2014 | 74.23 | 28.40 | 28.08 | 0.32 | 46.09 | Blaine Tech |
| | 8/14/2014 | 74.23 | 32.59 | 28.26 | 4.33 | 45.10 | Blaine Tech |
| 8/19/2014 | 74.23 | 32.34 | 28.23 | 4.11 | 45.18 | Blaine Tech | |
| 8/29/2014 | 74.23 | 31.84 | 28.25 | 3.59 | 45.26 | Blaine Tech | |
| 9/5/2014 | 74.23 | 31.91 | 28.29 | 3.62 | 45.22 | Blaine Tech | |
| 9/11/2014 | 74.23 | 32.16 | 28.79 | 3.37 | 44.77 | Blaine Tech | |
| 9/18/2014 | 74.23 | 32.50 | 28.23 | 4.27 | 45.15 | Blaine Tech | |
| 9/26/2014 | 74.23 | 32.20 | 28.27 | 3.93 | 45.17 | Blaine Tech | |
| 10/1/2014 | 74.23 | 31.93 | 28.28 | 3.65 | 45.22 | Blaine Tech | |
| 10/6/2014 | 74.23 | 31.91 | 28.27 | 3.64 | 45.23 | Blaine Tech | |
| 10/14/2014 | 74.23 | 31.85 | 28.29 | 3.56 | 45.23 | Blaine Tech | |
| 10/23/2014 | 74.23 | 32.10 | 28.30 | 3.80 | 45.17 | Blaine Tech | |
| 10/27/2014 | 74.23 | 31.89 | 28.30 | 3.59 | 45.21 | Blaine Tech | |
| 11/18/2014 | 74.23 | 31.86 | 28.39 | 3.47 | 45.15 | Blaine Tech | |
| 11/25/2014 | 74.23 | 32.36 | 28.35 | 4.01 | 45.08 | Blaine Tech | |
| 12/3/2014 | 74.23 | 31.73 | 28.36 | 3.37 | 45.20 | Blaine Tech | |
| 12/12/2014 | 74.23 | 32.61 | 28.54 | 4.07 | 44.88 | Blaine Tech | |
| 12/19/2014 | 74.23 | 32.62 | 28.37 | 4.25 | 45.01 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|----------------------------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-15 Continued | 4/20/2015 | 74.23 | 31.93 | 28.82 | 3.11 | 44.79 | Blaine Tech |
| | 10/19/2015 | 74.23 | 31.91 | 28.89 | 3.02 | 44.74 | Blaine Tech |
| | 4/12/2016 | 74.23 | 29.78 | --- | --- | 44.45 | Kinder Morgan |
| | 10/3/2016 | 74.86 | 31.00 | 30.92 | 0.08 | 43.92 | Kinder Morgan |
| | 3/9/2017 | 74.86 | 29.94 | --- | --- | 44.92 | CH2M |
| | 4/17/2017 | 74.86 | 29.65 | 29.52 | 0.13 | 45.31 | Blaine Tech |
| | 10/2/2017 | 74.86 | 31.92 | 30.33 | 1.59 | 44.21 | Blaine Tech |
| | 4/16/2018 | 74.86 | 31.79 | 31.67 | 0.12 | 43.17 | Blaine Tech |
| | 11/5/2018 | 74.86 | 32.38 | --- | --- | 42.48 | Blaine Tech |
| | 4/23/2019 | 74.86 | 29.84 | 29.84 | 0.00 | 45.02 | Blaine Tech |
| | 10/31/2019 | 74.86 | 29.28 | --- | --- | 45.58 | Blaine Tech |
| | 5/4/2020 | 74.86 | 31.13 | --- | --- | 43.73 | Blaine Tech |
| | 11/2/2020 | 74.86 | 26.89 | --- | --- | 47.97 | Blaine Tech |
| | 5/3/2021 | 74.86 | 28.62 | --- | --- | 46.24 | Blaine Tech |
| 11/1/2021 | Inaccessible, pump stuck in well | | | | | | Blaine Tech |
| GMW-O-18 | 4/30/2007 | 74.36 | 24.21 | --- | --- | 50.15 | Secor |
| | 11/12/2007 | 74.36 | 22.46 | --- | --- | 51.90 | Secor |
| | 4/14/2008 | 74.36 | 24.50 | --- | --- | 49.86 | Secor |
| | 10/13/2008 | 74.36 | 25.46 | --- | --- | 48.90 | Stantec |
| | 4/20/2009 | 74.36 | 25.59 | --- | --- | 48.77 | Blaine Tech |
| | 10/19/2009 | 74.36 | 26.31 | --- | --- | 48.05 | Blaine Tech |
| | 3/15/2010 | 74.36 | 26.54 | --- | --- | 47.82 | Blaine Tech |
| | 4/16/2010 | 74.36 | 24.25 | --- | --- | 50.11 | Blaine Tech |
| | 5/24/2010 | 74.36 | 26.26 | --- | --- | 48.10 | Blaine Tech |
| | 5/28/2010 | 74.36 | 26.03 | --- | --- | 48.33 | Blaine Tech |
| | 6/22/2010 | 74.36 | 26.41 | --- | --- | 47.95 | |
| | 7/12/2010 | 74.36 | NM | --- | --- | NC | |
| | 8/12/2010 | 74.36 | NM | --- | --- | NC | |
| | 9/20/2010 | 74.36 | NM | --- | --- | NC | |
| | 10/4/2010 | 74.36 | 29.95 | --- | --- | 44.41 | Blaine Tech |
| | 11/16/2010 | 74.36 | NM | --- | --- | NC | |
| | 12/22/2010 | 74.36 | NM | --- | --- | NC | |
| | 1/10/2011 | 74.36 | NM | --- | --- | NC | |
| | 2/24/2011 | 74.36 | NM | --- | --- | NC | Blaine Tech |
| | 3/23/2011 | 74.36 | NM | --- | --- | NC | Blaine Tech |
| | 4/12/2011 | 74.36 | NM | --- | --- | NC | Blaine Tech |
| | 5/13/2011 | 74.36 | NM | --- | --- | NC | Blaine Tech |
| | 6/22/2011 | 74.36 | NM | --- | --- | NC | |
| | 7/11/2011 | 74.36 | NM | --- | --- | NC | |
| | 8/19/2011 | 74.36 | NM | --- | --- | NC | |
| | 9/22/2011 | 74.36 | NM | --- | --- | NC | |
| | 10/10/2011 | 74.36 | 23.68 | --- | --- | 50.68 | Blaine Tech |
| | 11/28/2011 | 74.36 | NM | --- | --- | NC | |
| | 12/2/2011 | 74.36 | 24.22 | --- | --- | 50.14 | Blaine Tech |
| | 12/21/2011 | 74.36 | 27.14 | --- | --- | 47.22 | Blaine Tech |
| 2/23/2012 | 74.36 | 31.18 | --- | --- | 43.18 | Blaine Tech | |
| 3/28/2012 | 74.36 | NM | --- | --- | NC | Blaine Tech | |
| 4/16/2012 | 74.36 | 27.10 | --- | --- | 47.26 | Blaine Tech | |
| 5/25/2012 | 74.36 | 27.31 | --- | --- | 47.05 | Blaine Tech | |
| 6/15/2012 | 74.36 | 35.13 | --- | --- | 39.23 | Blaine Tech | |
| 7/9/2012 | 74.36 | 29.51 | --- | --- | 44.85 | Blaine Tech | |
| 8/29/2012 | 74.36 | NM | --- | --- | NC | Blaine Tech | |
| 9/26/2012 | 74.36 | 30.83 | --- | --- | 43.53 | Blaine Tech | |
| 10/15/2012 | 74.36 | 29.73 | --- | --- | 44.63 | Blaine Tech | |
| 11/29/2012 | 74.36 | NM | --- | --- | NC | Blaine Tech | |
| 12/26/2012 | 74.36 | 28.87 | --- | --- | 45.49 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-18 Continued | 1/14/2013 | 74.36 | 28.92 | --- | --- | 45.44 | Blaine Tech |
| | 2/20/2013 | 74.36 | NM | --- | --- | NC | Blaine Tech |
| | 4/10/2013 | 74.36 | 28.10 | --- | --- | 46.26 | Blaine Tech |
| | 10/7/2013 | 74.36 | 26.67 | --- | --- | 47.69 | Blaine Tech |
| | 4/18/2014 | 74.36 | 29.43 | 29.37 | 0.06 | 44.98 | Blaine Tech |
| | 8/14/2014 | 74.36 | 29.87 | 29.45 | 0.42 | 44.83 | Blaine Tech |
| | 8/19/2014 | 74.36 | 29.97 | 29.58 | 0.39 | 44.70 | Blaine Tech |
| | 8/29/2014 | 74.36 | 29.77 | 29.34 | 0.43 | 44.93 | Blaine Tech |
| | 9/11/2014 | 74.36 | 29.96 | 29.61 | 0.35 | 44.68 | Blaine Tech |
| | 9/18/2014 | 74.36 | 29.95 | 29.56 | 0.39 | 44.72 | Blaine Tech |
| | 9/26/2014 | 74.36 | 29.97 | 29.55 | 0.42 | 44.73 | Blaine Tech |
| | 10/1/2014 | 74.36 | 29.90 | 29.52 | 0.38 | 44.76 | Blaine Tech |
| | 10/6/2014 | 74.36 | 29.94 | 29.56 | 0.38 | 44.72 | Blaine Tech |
| | 10/14/2014 | 74.36 | 29.94 | 29.58 | 0.36 | 44.71 | Blaine Tech |
| | 10/23/2014 | 74.36 | 30.00 | 29.62 | 0.38 | 44.66 | Blaine Tech |
| | 10/27/2014 | 74.36 | 29.95 | 29.52 | 0.43 | 44.75 | Blaine Tech |
| | 4/20/2015 | 74.36 | 28.53 | --- | --- | 45.83 | Blaine Tech |
| | 10/19/2015 | 74.36 | 30.90 | --- | --- | 43.46 | Blaine Tech |
| | 4/12/2016 | 74.36 | 31.63 | --- | --- | 42.73 | Blaine Tech |
| | 12/13/2016 | 74.32 | 35.95 | 31.01 | 4.94 | 42.32 | Blaine Tech |
| | 12/14/2016 | 74.32 | 32.60 | --- | --- | 41.72 | Blaine Tech |
| | 3/6/2017 | 74.32 | 33.40 | 32.60 | 0.80 | 41.56 | CH2M |
| | 4/17/2017 | 74.32 | 31.83 | 31.80 | 0.03 | 42.51 | Blaine Tech |
| | 10/2/2017 | 74.32 | 31.32 | 31.30 | 0.02 | 43.02 | Blaine Tech |
| | 4/16/2018 | 74.32 | NM | --- | --- | NC | Blaine Tech |
| | 11/5/2018 | 74.32 | 33.03 | 32.90 | 0.13 | 41.39 | Blaine Tech |
| | 4/16/2019 | 74.32 | 30.89 | --- | --- | 43.43 | Blaine Tech |
| | 10/28/2019 | 74.32 | 32.05 | --- | --- | 42.27 | Blaine Tech |
| 5/4/2020 | 74.32 | 31.68 | --- | --- | 42.64 | Blaine Tech | |
| 11/2/2020 | 74.32 | 27.25 | --- | --- | 47.07 | Blaine Tech | |
| 5/3/2021 | 74.32 | 29.77 | --- | --- | 44.55 | Blaine Tech | |
| 11/1/2021 | 74.32 | 36.39 | --- | --- | 37.93 | Blaine Tech | |
| GMW-O-20 | 8/15/2008 | 73.32 | 25.90 | --- | --- | 47.42 | Envent |
| | 10/17/2008 | 73.32 | 25.82 | --- | --- | 47.50 | Envent |
| | 12/19/2008 | 73.32 | 27.15 | --- | --- | 46.17 | Envent |
| | 1/15/2009 | 73.32 | 26.53 | 26.09 | 0.44 | 47.15 | Envent |
| | 2/24/2009 | 73.32 | 27.85 | --- | --- | 45.47 | Envent |
| | 3/20/2009 | 73.32 | 28.81 | --- | --- | 44.51 | Envent |
| | 3/27/2009 | 73.32 | 27.84 | --- | --- | 45.48 | Envent |
| | 4/21/2009 | 73.32 | 28.70 | --- | --- | 44.62 | Envent |
| | 7/21/2009 | 73.32 | 24.10 | --- | --- | 49.22 | Envent |
| | 10/19/2009 | 73.32 | NM | --- | --- | NC | Blaine Tech |
| | 11/9/2009 | 73.32 | 25.60 | 25.40 | 0.20 | 47.88 | Kinder Morgan |
| | 6/22/2010 | 73.32 | 24.76 | 24.66 | 0.10 | 48.64 | Blaine Tech |
| | 10/4/2010 | 73.32 | 31.20 | 31.10 | 0.10 | 42.20 | Blaine Tech |
| | 1/10/2011 | 73.32 | 26.62 | 26.48 | 0.14 | 46.81 | Blaine Tech |
| | 4/11/2011 | 73.32 | 23.82 | --- | --- | 49.50 | Blaine Tech |
| | 7/11/2011 | 73.32 | NM | --- | --- | NC | |
| | 10/10/2011 | 73.32 | 24.05 | --- | --- | 49.27 | Blaine Tech |
| | 1/9/2012 | 73.32 | 24.68 | --- | --- | 48.64 | Blaine Tech |
| | 4/16/2012 | 73.32 | 26.18 | --- | --- | 47.14 | Blaine Tech |
| | 7/9/2012 | 73.32 | 32.92 | --- | --- | 40.40 | Blaine Tech |
| 10/15/2012 | 73.32 | 32.97 | 32.95 | 0.02 | 40.37 | Blaine Tech | |
| 1/14/2013 | 73.32 | 32.98 | 32.93 | 0.05 | 40.38 | Blaine Tech | |
| 4/8/2013 | 73.32 | 29.63 | 26.46 | 3.17 | 46.27 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-20 Continued | 9/24/2013 | 73.32 | 31.10 | 27.20 | 3.90 | 45.40 | Blaine Tech |
| | 10/7/2013 | 73.32 | 32.09 | 27.06 | 5.03 | 45.33 | Blaine Tech |
| | 4/25/2014 | 73.32 | 28.48 | 28.40 | 0.08 | 44.91 | Blaine Tech |
| | 9/18/2014 | 73.32 | 30.71 | 27.72 | 2.99 | 45.05 | Blaine Tech |
| | 9/26/2014 | 73.32 | 30.87 | 27.75 | 3.12 | 44.99 | Blaine Tech |
| | 10/1/2014 | 73.32 | 30.52 | 27.65 | 2.87 | 45.14 | Blaine Tech |
| | 10/6/2014 | 73.32 | 30.50 | 27.66 | 2.84 | 45.13 | Blaine Tech |
| | 10/14/2014 | 73.32 | 30.63 | 27.62 | 3.01 | 45.14 | Blaine Tech |
| | 10/23/2014 | 73.32 | 30.80 | 27.70 | 3.10 | 45.05 | Blaine Tech |
| | 10/27/2014 | 73.32 | 30.70 | 27.76 | 2.94 | 45.02 | Blaine Tech |
| | 11/3/2014 | 73.32 | 30.81 | 27.62 | 3.19 | 45.11 | Blaine Tech |
| | 11/10/2014 | 73.32 | 30.94 | 27.75 | 3.19 | 44.98 | Blaine Tech |
| | 11/18/2014 | 73.32 | 30.91 | 27.65 | 3.26 | 45.07 | Blaine Tech |
| | 11/25/2014 | 73.32 | 30.95 | 27.65 | 3.30 | 45.06 | Blaine Tech |
| | 12/3/2014 | 73.32 | 32.56 | 27.83 | 4.73 | 44.61 | Blaine Tech |
| | 12/19/2014 | 73.32 | 31.72 | 27.93 | 3.79 | 44.69 | Blaine Tech |
| | 4/22/2015 | 73.32 | 32.25 | 27.98 | 4.27 | 44.55 | Blaine Tech |
| | 10/22/2015 | 73.32 | 31.36 | 29.38 | 1.98 | 43.57 | Kinder Morgan |
| | 3/16/2016 | 73.32 | 32.54 | --- | --- | 40.78 | Kinder Morgan |
| | 4/12/2016 | 73.32 | 32.48 | --- | --- | 40.84 | Kinder Morgan |
| | 6/29/2016 | 73.32 | 32.50 | --- | --- | 40.82 | Blaine Tech |
| | 8/22/2016 | 73.32 | 32.18 | --- | --- | 41.14 | Blaine Tech |
| | 10/3/2016 | 73.32 | 33.12 | --- | --- | 40.20 | Blaine Tech |
| | 3/23/2017 | 73.32 | 30.35 | --- | --- | 42.97 | CH2M |
| | 4/17/2017 | 73.32 | 29.70 | --- | --- | 43.62 | Blaine Tech |
| | 10/2/2017 | 73.32 | 33.03 | --- | --- | 40.29 | Blaine Tech |
| | 4/16/2018 | 73.32 | 32.67 | --- | --- | 40.65 | Blaine Tech |
| | 11/5/2018 | 73.32 | 32.92 | --- | --- | 40.40 | Blaine Tech |
| | 4/23/2019 | 73.32 | 30.55 | --- | --- | 42.77 | Blaine Tech |
| | 11/1/2019 | 73.32 | 32.53 | 32.50 | 0.03 | 40.81 | Blaine Tech |
| | 5/4/2020 | 73.32 | 30.70 | --- | --- | 42.62 | Blaine Tech |
| | 8/20/2020 | 73.32 | 31.58 | --- | --- | 41.74 | Blaine Tech |
| 11/2/2020 | 73.32 | 30.97 | --- | --- | 42.35 | Blaine Tech | |
| 2/24/2021 | 73.32 | 31.99 | --- | --- | 37.16 | Blaine Tech | |
| 5/3/2021 | 73.32 | 32.67 | --- | --- | 40.65 | Blaine Tech | |
| 8/31/2021 | 73.32 | 31.06 | --- | --- | 42.26 | Blaine Tech | |
| 11/1/2021 | 73.32 | 34.90 | --- | --- | 42.26 | Blaine Tech | |
| 3/10/2022 | 73.32 | 32.34 | --- | --- | 40.98 | Blaine Tech | |
| GMW-O-21 | 12/28/2007 | 71.43 | 27.67 | --- | --- | 43.76 | Geomatrix |
| | 8/15/2008 | 73.94 | NM | --- | --- | NC | Envent |
| | 10/17/2008 | 71.43 | 26.00 | --- | --- | 45.43 | Envent |
| | 12/19/2008 | 71.43 | 24.82 | --- | --- | 46.61 | Envent |
| | 3/27/2009 | 71.43 | 26.41 | --- | --- | 45.02 | Envent |
| | 7/21/2009 | 71.43 | 24.88 | --- | --- | 46.55 | Envent |
| | 10/19/2009 | 71.43 | NM | --- | --- | NC | Blaine Tech |
| | 11/9/2009 | 71.43 | 25.02 | --- | --- | 46.41 | Kinder Morgan |
| | 10/4/2010 | 71.43 | 25.40 | --- | --- | 46.03 | Blaine Tech |
| | 4/13/2011 | 71.43 | 23.72 | --- | --- | 47.71 | Blaine Tech |
| | 10/10/2011 | 71.43 | 24.65 | --- | --- | 46.78 | Blaine Tech |
| | 4/16/2012 | 71.43 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 71.43 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 71.43 | 32.50 | --- | --- | 38.93 | Blaine Tech |
| | 4/8/2013 | 71.43 | NM | --- | --- | NC | Blaine Tech |
| | 9/25/2013 | 71.43 | 29.25 | --- | --- | 42.18 | Blaine Tech |
| 10/7/2013 | 71.43 | NM | --- | --- | NC | Blaine Tech | |
| 4/14/2014 | 71.43 | 28.65 | 28.61 | 0.04 | 42.81 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-21 Continued | 9/5/2014 | 71.43 | 29.61 | 28.78 | 0.83 | 42.48 | Blaine Tech |
| | 9/26/2014 | 71.43 | 29.85 | 28.77 | 1.08 | 42.44 | Blaine Tech |
| | 10/1/2014 | 71.43 | 29.79 | 28.64 | 1.15 | 42.56 | Blaine Tech |
| | 10/6/2014 | 71.43 | 29.40 | 28.72 | 0.68 | 42.57 | Blaine Tech |
| | 10/27/2014 | 71.43 | 29.75 | 28.93 | 0.82 | 42.34 | Blaine Tech |
| | 11/10/2014 | 71.43 | 29.98 | 28.95 | 1.03 | 42.27 | Blaine Tech |
| | 11/18/2014 | 71.43 | 30.05 | 28.92 | 1.13 | 42.28 | Blaine Tech |
| | 11/25/2014 | 71.43 | 29.73 | 28.85 | 0.88 | 42.40 | Blaine Tech |
| | 12/12/2014 | 71.43 | 30.61 | 29.02 | 1.59 | 42.09 | Blaine Tech |
| | 12/19/2014 | 71.43 | 30.62 | 29.04 | 1.58 | 42.07 | Blaine Tech |
| | 4/20/2015 | 71.43 | 30.15 | 28.99 | 1.16 | 42.21 | Blaine Tech |
| | 6/10/2015 | 71.43 | 31.00 | 30.70 | 0.30 | 40.67 | Blaine Tech |
| | 7/2/2015 | 71.43 | 32.30 | 29.88 | 2.42 | 41.07 | Northstar |
| | 7/7/2015 | 71.43 | 30.65 | 30.06 | 0.59 | 41.25 | Northstar |
| | 7/17/2015 | 71.43 | 30.40 | 30.10 | 0.30 | 41.27 | Northstar |
| | 7/29/2015 | 71.43 | 30.40 | 30.10 | 0.30 | 41.27 | Northstar |
| | 8/11/2015 | 71.43 | 31.00 | 30.70 | 0.30 | 40.67 | Northstar |
| | 10/19/2015 | 71.43 | 31.43 | 31.20 | 0.23 | 40.18 | Blaine Tech |
| | 3/14/2016 | 71.43 | 33.20 | 33.17 | 0.03 | 38.25 | Blaine Tech |
| | 4/11/2016 | 71.43 | 32.17 | 31.84 | 0.33 | 39.52 | Blaine Tech |
| | 6/29/2016 | 71.43 | 33.03 | 32.83 | 0.20 | 38.56 | Blaine Tech |
| | 8/22/2016 | 71.43 | 33.72 | --- | --- | 37.71 | Blaine Tech |
| | 10/3/2016 | 71.43 | 33.45 | --- | --- | 37.98 | Blaine Tech |
| | 4/17/2017 | 71.43 | 30.48 | --- | --- | 40.95 | Blaine Tech |
| | 10/2/2017 | 71.43 | 33.45 | --- | --- | 37.98 | Blaine Tech |
| | 4/16/2018 | 71.43 | 33.13 | --- | --- | 38.30 | Blaine Tech |
| | 11/5/2018 | 71.43 | 33.68 | --- | --- | 37.75 | Blaine Tech |
| | 4/16/2019 | 71.43 | 32.34 | --- | --- | 39.09 | Blaine Tech |
| | 11/1/2019 | 71.43 | 33.00 | --- | --- | 38.43 | Blaine Tech |
| | 5/4/2020 | 71.43 | 31.24 | --- | --- | 40.19 | Blaine Tech |
| | 8/20/2020 | 71.43 | 31.93 | --- | --- | 39.50 | Blaine Tech |
| | 11/2/2020 | 71.43 | 30.30 | --- | --- | 41.13 | Blaine Tech |
| 2/24/2021 | 71.43 | 32.57 | --- | --- | 42.70 | Blaine Tech | |
| 5/3/2021 | 71.43 | 32.17 | --- | --- | 39.26 | Blaine Tech | |
| 8/31/2021 | 71.43 | 31.39 | --- | --- | 40.04 | Blaine Tech | |
| 11/1/2021 | 71.43 | 32.96 | --- | --- | 40.04 | Blaine Tech | |
| 3/10/2022 | 71.43 | 32.60 | --- | --- | 38.83 | Blaine Tech | |
| GMW-O-23 | 8/14/2007 | 73.63 | 23.33 | --- | --- | 50.30 | Geomatrix |
| | 8/21/2007 | 73.63 | 23.31 | --- | --- | 50.32 | Geomatrix |
| | 8/28/2007 | 73.63 | 23.00 | --- | --- | 50.63 | Stantec |
| | 9/11/2007 | 73.63 | 23.42 | --- | --- | 50.21 | Geomatrix |
| | 10/5/2007 | 73.63 | 27.79 | --- | --- | 45.84 | Geomatrix |
| | 11/2/2007 | 73.63 | 25.15 | --- | --- | 48.48 | Geomatrix |
| | 11/13/2007 | 73.63 | 23.90 | --- | --- | 49.73 | Stantec |
| | 12/28/2007 | 73.63 | 24.91 | --- | --- | 48.72 | Geomatrix |
| | 8/15/2008 | 73.63 | 26.28 | --- | --- | 47.35 | Envent |
| | 10/17/2008 | 73.63 | 27.16 | --- | --- | 46.47 | Envent |
| | 12/19/2008 | 73.63 | 27.60 | --- | --- | 46.03 | Envent |
| | 1/15/2009 | 73.63 | 27.54 | --- | --- | 46.09 | Envent |
| | 2/24/2009 | 73.63 | 26.19 | --- | --- | 47.44 | Envent |
| | 3/27/2009 | 73.63 | 23.74 | --- | --- | 49.89 | Envent |
| | 4/21/2009 | 73.63 | 27.30 | --- | --- | 46.33 | Envent |
| | 10/19/2009 | 73.63 | NM | --- | --- | NC | Blaine Tech |
| | 11/9/2009 | 73.63 | 27.50 | --- | --- | 46.13 | Kinder Morgan |
| 6/22/2010 | 73.63 | 32.10 | --- | --- | 41.53 | Blaine Tech | |
| 10/4/2010 | 73.63 | 25.92 | --- | --- | 47.71 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-O-23 Continued | 1/10/2011 | 73.63 | 27.45 | --- | --- | 46.18 | Blaine Tech |
| | 4/11/2011 | 73.63 | 25.03 | --- | --- | 48.60 | Blaine Tech |
| | 7/11/2011 | 73.63 | NM | --- | --- | NC | |
| | 10/10/2011 | 73.63 | 25.25 | --- | --- | 48.38 | Blaine Tech |
| | 1/9/2012 | 73.63 | 25.91 | --- | --- | 47.72 | Blaine Tech |
| | 4/16/2012 | 73.63 | 27.38 | --- | --- | 46.25 | Blaine Tech |
| | 7/9/2012 | 73.63 | 27.41 | --- | --- | 46.22 | Blaine Tech |
| | 10/15/2012 | 73.63 | 26.48 | --- | --- | 47.15 | Blaine Tech |
| | 1/14/2013 | 73.63 | 29.35 | --- | --- | 44.28 | Blaine Tech |
| | 4/8/2013 | 73.63 | 29.81 | 27.74 | 2.07 | 45.48 | Blaine Tech |
| | 9/23/2013 | 73.63 | 29.90 | --- | --- | 43.73 | Blaine Tech |
| | 10/7/2013 | 73.63 | 32.86 | 28.30 | 4.56 | 44.42 | Blaine Tech |
| | 4/25/2014 | 73.63 | 29.81 | 29.66 | 0.15 | 43.94 | Blaine Tech |
| | 9/5/2014 | 73.63 | 32.57 | 28.76 | 3.81 | 44.11 | Blaine Tech |
| | 9/11/2014 | 73.63 | 32.94 | 28.63 | 4.31 | 44.14 | Blaine Tech |
| | 9/18/2014 | 73.63 | 32.80 | 28.65 | 4.15 | 44.15 | Blaine Tech |
| | 9/26/2014 | 73.63 | 32.87 | 28.70 | 4.17 | 44.10 | Blaine Tech |
| | 10/1/2014 | 73.63 | 32.56 | 28.75 | 3.81 | 44.12 | Blaine Tech |
| | 10/6/2014 | 73.63 | 32.50 | 28.73 | 3.77 | 44.15 | Blaine Tech |
| | 10/14/2014 | 73.63 | 32.75 | 28.20 | 4.55 | 44.52 | Blaine Tech |
| | 10/23/2014 | 73.63 | 32.80 | 28.69 | 4.11 | 44.12 | Blaine Tech |
| | 10/27/2014 | 73.63 | 32.51 | 28.80 | 3.71 | 44.09 | Blaine Tech |
| | 11/3/2014 | 73.63 | 32.82 | 29.68 | 3.14 | 43.32 | Blaine Tech |
| | 11/10/2014 | 73.63 | 32.80 | 28.78 | 4.02 | 44.05 | Blaine Tech |
| | 11/18/2014 | 73.63 | 32.78 | 29.78 | 3.00 | 43.25 | Blaine Tech |
| | 11/25/2014 | 73.63 | 32.64 | 28.78 | 3.86 | 44.08 | Blaine Tech |
| | 12/3/2014 | 73.63 | 33.25 | 28.94 | 4.31 | 43.83 | Blaine Tech |
| | 12/12/2014 | 73.63 | 32.58 | 29.33 | 3.25 | 43.65 | Blaine Tech |
| | 12/19/2014 | 73.63 | 32.71 | 29.37 | 3.34 | 43.59 | Blaine Tech |
| | 3/17/2015 | 73.63 | 30.40 | 30.00 | 0.40 | 43.55 | Kinder Morgan |
| | 4/22/2015 | 73.63 | 33.08 | 30.36 | 2.72 | 42.73 | Blaine Tech |
| | 10/22/2015 | 73.63 | 32.82 | 30.46 | 2.36 | 42.70 | Kinder Morgan |
| | 3/16/2016 | 73.63 | 34.43 | --- | --- | 39.20 | Kinder Morgan |
| | 4/12/2016 | 73.63 | 32.59 | --- | --- | 41.04 | Kinder Morgan |
| 6/29/2016 | 73.63 | 33.90 | --- | --- | 39.73 | Blaine Tech | |
| 8/22/2016 | 73.63 | 33.89 | --- | --- | 39.74 | Blaine Tech | |
| 10/3/2016 | 73.63 | 34.90 | --- | --- | 38.73 | Blaine Tech | |
| 3/23/2017 | 73.63 | 31.65 | --- | --- | 41.98 | CH2M | |
| 4/17/2017 | 73.63 | 30.88 | --- | --- | 42.75 | Blaine Tech | |
| 10/2/2017 | 73.63 | 34.70 | --- | --- | 38.93 | Blaine Tech | |
| 4/16/2018 | 73.63 | 34.05 | --- | --- | 39.58 | Blaine Tech | |
| 11/5/2018 | 73.63 | 34.31 | --- | --- | 39.32 | Blaine Tech | |
| 4/16/2019 | 73.63 | 32.99 | --- | --- | 40.64 | Blaine Tech | |
| 10/28/2019 | 73.63 | 34.40 | 34.39 | 0.01 | 39.24 | Blaine Tech | |
| 5/4/2020 | 73.63 | 31.92 | --- | --- | 41.71 | Blaine Tech | |
| 8/20/2020 | 73.63 | 32.05 | --- | --- | 41.58 | Blaine Tech | |
| 11/2/2020 | 73.63 | 32.24 | --- | --- | 41.39 | Blaine Tech | |
| 2/24/2021 | 73.63 | 33.19 | --- | --- | 38.21 | Blaine Tech | |
| 5/3/2021 | 73.63 | 32.91 | --- | --- | 40.72 | Blaine Tech | |
| 8/31/2021 | 73.63 | 32.50 | --- | --- | 41.13 | Blaine Tech | |
| 11/1/2021 | 73.63 | 33.75 | --- | --- | 41.13 | Blaine Tech | |
| 3/10/2022 | 73.63 | 33.58 | --- | --- | 40.05 | Blaine Tech | |
| GMW-O-24 | 3/10/2022 | 74.39 | 31.15 | --- | --- | 43.24 | Blaine Tech |
| GMW-SF-9 | 4/21/2009 | 73.00 | 24.19 | --- | --- | 48.81 | Envent |
| | 5/24/2010 | 73.00 | 28.31 | --- | --- | 44.69 | Blaine Tech |
| | 5/28/2010 | 73.00 | 28.37 | --- | --- | 44.63 | Blaine Tech |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GMW-SF-9 Continued | 10/4/2010 | 73.00 | 25.28 | --- | --- | 47.72 | Blaine Tech |
| | 4/11/2011 | 73.00 | 23.90 | --- | --- | 49.10 | Blaine Tech |
| | 10/10/2011 | 73.00 | 24.70 | --- | --- | 48.30 | Blaine Tech |
| | 4/16/2012 | 73.00 | 26.99 | --- | --- | 46.01 | Blaine Tech |
| | 7/9/2012 | 73.00 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 73.05 | 34.21 | --- | --- | 38.84 | Blaine Tech |
| | 1/14/2013 | 73.05 | 34.32 | --- | --- | 38.73 | Blaine Tech |
| | 4/10/2013 | 73.05 | 27.37 | --- | --- | 45.68 | Blaine Tech |
| | 8/14/2014 | 73.05 | 29.35 | 28.37 | 0.98 | 44.48 | Blaine Tech |
| | 8/19/2014 | 73.05 | 28.46 | 28.44 | 0.02 | 44.61 | Blaine Tech |
| | 8/29/2014 | 73.05 | 29.32 | 28.31 | 1.01 | 44.54 | Blaine Tech |
| | 9/5/2014 | 73.05 | 29.33 | 28.29 | 1.04 | 44.55 | Blaine Tech |
| | 9/11/2014 | 73.05 | 29.49 | 28.47 | 1.02 | 44.38 | Blaine Tech |
| | 9/18/2014 | 73.05 | 28.95 | 28.91 | 0.04 | 44.13 | Blaine Tech |
| | 9/26/2014 | 73.05 | 28.93 | 28.59 | 0.34 | 44.39 | Blaine Tech |
| 4/20/2015 | 73.05 | 29.01 | --- | --- | 44.04 | Blaine Tech | |
| 10/21/2015 | 73.05 | 29.69 | --- | --- | 43.36 | Blaine Tech | |
| 3/6/2017 | 73.05 | 28.88 | --- | --- | 44.17 | CH2M | |
| GMW-SF-10 | 4/21/2009 | 75.77 | 27.10 | --- | --- | 48.67 | Envent |
| | 10/4/2010 | 75.77 | 28.03 | --- | --- | 47.74 | Blaine Tech |
| | 4/11/2011 | 75.77 | 26.80 | --- | --- | 48.97 | Blaine Tech |
| | 10/10/2011 | 75.77 | 27.60 | --- | --- | 48.17 | Blaine Tech |
| | 4/16/2012 | 75.77 | 28.81 | --- | --- | 46.96 | Blaine Tech |
| | 7/9/2012 | 75.77 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 75.77 | 29.88 | --- | --- | 45.89 | Blaine Tech |
| | 4/8/2013 | 75.77 | DRY | --- | --- | NC | Blaine Tech |
| GWR-3 | 4/30/2007 | 74.93 | 27.97 | --- | --- | 46.96 | Secor |
| | 11/12/2007 | 74.93 | 27.90 | --- | --- | 47.03 | Stantec |
| | 10/17/2008 | 74.93 | 29.88 | --- | --- | 45.05 | Envent |
| | 12/17/2008 | 74.93 | 19.71 | --- | --- | 55.22 | Envent |
| | 1/15/2009 | 74.93 | 29.27 | 29.26 | 0.26 | 45.88 | Envent |
| | 3/27/2009 | 74.93 | 27.18 | --- | --- | 47.75 | Envent |
| | 4/21/2009 | 74.93 | 29.97 | --- | --- | 44.96 | Envent |
| | 7/21/2009 | 74.93 | 28.77 | --- | --- | 46.16 | Envent |
| | 10/19/2009 | 74.93 | NM | --- | --- | NC | Blaine Tech |
| | 10/4/2010 | 74.93 | 30.67 | --- | --- | 44.26 | Blaine Tech |
| | 4/11/2011 | 74.93 | 29.94 | --- | --- | 44.99 | Blaine Tech |
| | 10/10/2011 | 74.93 | 29.22 | --- | --- | 45.71 | Blaine Tech |
| | 4/16/2012 | 74.93 | 29.56 | --- | --- | 45.37 | Blaine Tech |
| | 7/9/2012 | --- | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 77.6 | 31.21 | --- | --- | 46.39 | Blaine Tech |
| | 4/8/2013 | 77.6 | 29.21 | 29.18 | 0.03 | 48.41 | Blaine Tech |
| | 10/7/2013 | 77.6 | 36.20 | 31.67 | 4.53 | 45.16 | Blaine Tech |
| | 4/14/2014 | 77.6 | 38.80 | 32.23 | 6.57 | 44.25 | Blaine Tech |
| | 5/5/2014 | 77.6 | 38.81 | 32.31 | 6.50 | 44.18 | Nieto & Sons |
| | 5/12/2014 | 77.6 | 36.34 | 32.77 | 3.57 | 44.22 | Nieto & Sons |
| | 5/27/2014 | 77.6 | 36.11 | 33.20 | 2.91 | 43.91 | Nieto & Sons |
| | 6/4/2014 | 77.6 | 34.57 | 31.61 | 2.96 | 45.49 | Nieto & Sons |
| | 8/8/2014 | 77.6 | 37.92 | 33.38 | 4.54 | 43.45 | Blaine Tech |
| 8/13/2014 | 77.6 | 35.38 | 33.18 | 2.20 | 44.05 | Blaine Tech | |
| 8/19/2014 | 77.6 | 35.28 | 33.25 | 2.03 | 44.00 | Blaine Tech | |
| 8/29/2014 | 77.6 | 35.72 | 33.12 | 2.60 | 44.04 | Blaine Tech | |
| 9/5/2014 | 77.6 | 35.68 | 33.19 | 2.49 | 43.99 | Blaine Tech | |
| 9/11/2014 | 77.6 | 36.05 | 33.04 | 3.01 | 44.05 | Blaine Tech | |
| 9/18/2014 | 77.60 | 35.34 | 33.27 | 2.07 | 43.98 | Blaine Tech | |
| 9/26/2014 | 77.60 | 35.25 | 33.24 | 2.01 | 44.02 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|--------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| GWR-3 Continued | 10/1/2014 | 77.60 | 36.44 | 34.01 | 2.43 | 43.18 | Blaine Tech |
| | 10/6/2014 | 77.60 | 34.71 | 33.33 | 1.38 | 44.04 | Blaine Tech |
| | 10/14/2014 | 77.60 | 35.15 | 33.20 | 1.95 | 44.07 | Blaine Tech |
| | 10/23/2014 | 77.60 | 35.36 | 33.20 | 2.16 | 44.03 | Blaine Tech |
| | 10/27/2014 | 77.60 | 34.68 | 33.49 | 1.19 | 43.91 | Blaine Tech |
| | 11/3/2014 | 77.60 | 35.43 | 33.18 | 2.25 | 44.04 | Blaine Tech |
| | 11/10/2014 | 77.60 | 35.02 | 33.32 | 1.70 | 43.99 | Blaine Tech |
| | 11/18/2014 | 77.60 | 35.05 | 33.34 | 1.71 | 43.97 | Blaine Tech |
| | 11/25/2014 | 77.60 | 35.04 | 33.36 | 1.68 | 43.95 | Blaine Tech |
| | 12/3/2014 | 77.60 | 34.95 | 33.34 | 1.61 | 43.99 | Blaine Tech |
| | 12/12/2014 | 77.60 | 35.11 | 33.64 | 1.47 | 43.71 | Blaine Tech |
| | 12/19/2014 | 77.60 | 35.55 | 33.67 | 1.88 | 43.61 | Blaine Tech |
| | 4/20/2015 | 77.60 | 37.25 | 33.34 | 3.91 | 43.60 | Blaine Tech |
| | 7/24/2015 | 77.60 | 41.30 | 33.95 | 7.35 | 42.40 | Northstar |
| | 8/12/2015 | 77.60 | 37.03 | 34.42 | 2.61 | 42.74 | Northstar |
| | 10/20/2015 | 77.60 | 35.98 | 34.65 | 1.33 | 42.72 | Blaine Tech |
| | 3/16/2016 | 77.60 | 38.60 | --- | --- | 39.00 | Kinder Morgan |
| | 4/11/2016 | 77.60 | 36.90 | --- | --- | 40.70 | Blaine Tech |
| | 6/29/2016 | 77.60 | 37.77 | --- | --- | 39.83 | Blaine Tech |
| | 8/22/2016 | 77.60 | 38.24 | --- | --- | 39.36 | Blaine Tech |
| | 10/3/2016 | 77.60 | 39.20 | 39.15 | 0.05 | 38.44 | Blaine Tech |
| | 3/7/2017 | 77.60 | 35.62 | --- | --- | 41.98 | CH2M |
| | 4/17/2017 | 77.60 | 34.88 | --- | --- | 42.72 | Blaine Tech |
| | 10/2/2017 | 77.60 | 38.92 | --- | --- | 38.68 | Blaine Tech |
| | 4/16/2018 | 77.60 | 38.73 | --- | --- | 38.87 | Blaine Tech |
| | 11/5/2018 | 77.60 | 38.42 | --- | --- | 39.18 | Blaine Tech |
| | 4/16/2019 | 77.60 | 37.16 | --- | --- | 40.44 | Blaine Tech |
| 10/28/2019 | 77.60 | 38.58 | --- | --- | 39.02 | Blaine Tech | |
| 5/4/2020 | 77.60 | 36.02 | --- | --- | 41.58 | Blaine Tech | |
| 11/2/2020 | 77.60 | 35.51 | --- | --- | 42.09 | Blaine Tech | |
| 5/3/2021 | 77.60 | 36.18 | --- | --- | 41.42 | Blaine Tech | |
| 11/1/2021 | 77.60 | 38.07 | --- | --- | 39.53 | Blaine Tech | |
| MW-18 (MID) | 4/30/2007 | 75.67 | 29.77 | --- | --- | 45.90 | Secor |
| | 11/12/2007 | 75.67 | 30.23 | --- | --- | 45.44 | Secor |
| | 4/14/2008 | 75.67 | 30.45 | --- | --- | 45.22 | Secor |
| | 10/13/2008 | 75.67 | 31.15 | --- | --- | 44.52 | Stantec |
| | 4/20/2009 | 75.67 | 31.49 | --- | --- | 44.18 | Blaine Tech |
| | 10/19/2009 | 75.67 | 32.62 | --- | --- | 43.05 | Blaine Tech |
| | 5/24/2010 | 75.67 | 32.26 | --- | --- | 43.41 | Blaine Tech |
| | 5/28/2010 | 75.67 | 32.17 | --- | --- | 43.50 | Blaine Tech |
| | 10/4/2010 | 75.67 | 32.30 | --- | --- | 43.37 | Blaine Tech |
| | 4/11/2011 | 75.67 | 31.28 | --- | --- | 44.39 | Blaine Tech |
| | 10/10/2011 | 75.67 | 31.51 | --- | --- | 44.16 | Blaine Tech |
| | 4/16/2012 | 75.67 | 31.75 | --- | --- | 43.92 | Blaine Tech |
| | 7/9/2012 | 75.67 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 75.67 | 33.41 | --- | --- | 42.26 | Blaine Tech |
| | 4/8/2013 | 75.67 | 30.68 | --- | --- | 44.99 | Blaine Tech |
| | 10/7/2013 | 75.67 | 35.33 | --- | --- | 40.34 | Blaine Tech |
| | 4/14/2014 | 75.67 | 35.40 | --- | --- | 40.27 | Blaine Tech |
| | 10/27/2014 | 75.67 | 35.81 | --- | --- | 39.86 | Blaine Tech |
| | 4/20/2015 | 75.67 | 36.29 | --- | --- | 39.38 | Blaine Tech |
| | 10/19/2015 | 75.67 | 36.99 | --- | --- | 38.68 | Blaine Tech |
| 3/14/2016 | 75.67 | 40.70 | --- | --- | 34.97 | Blaine Tech | |
| 4/11/2016 | 75.67 | 38.89 | --- | --- | 36.78 | Blaine Tech | |
| 6/29/2016 | 75.67 | 39.94 | --- | --- | 35.73 | Blaine Tech | |
| 8/22/2016 | 75.67 | 40.14 | --- | --- | 35.53 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|--------------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|-------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-18 (MID) Continued | 10/3/2016 | 75.67 | 40.93 | --- | --- | 34.74 | Blaine Tech |
| | 4/17/2017 | 75.67 | 37.50 | --- | --- | 38.17 | Blaine Tech |
| | 10/2/2017 | 75.67 | 40.26 | --- | --- | 35.41 | Blaine Tech |
| | 4/16/2018 | 75.67 | 40.46 | --- | --- | 35.21 | Blaine Tech |
| | 11/5/2018 | 75.67 | 40.50 | --- | --- | 35.17 | Blaine Tech |
| | 4/16/2019 | 75.67 | 38.39 | --- | --- | 37.28 | Blaine Tech |
| | 10/28/2019 | 75.67 | 40.42 | --- | --- | 35.25 | Blaine Tech |
| | 5/4/2020 | 75.67 | 37.96 | --- | --- | 37.71 | Blaine Tech |
| | 11/2/2020 | 75.67 | 34.83 | --- | --- | 40.84 | Blaine Tech |
| | 5/3/2021 | 75.67 | 38.57 | --- | --- | 37.10 | Blaine Tech |
| 11/1/2021 | 75.67 | 40.02 | --- | --- | 35.65 | Blaine Tech | |
| MW-O-1 | 4/30/2007 | 75.48 | 24.10 | 23.98 | 0.12 | 51.48 | Secor |
| | 8/14/2007 | 75.48 | 25.31 | 23.78 | 1.53 | 51.39 | Geomatrix |
| | 8/21/2007 | 75.48 | 23.84 | 23.58 | 0.26 | 51.85 | Geomatrix |
| | 8/28/2007 | 75.48 | 23.07 | 23.06 | 0.01 | 52.42 | Stantec |
| | 9/11/2007 | 75.48 | 23.86 | 23.48 | 0.38 | 51.92 | Geomatrix |
| | 10/5/2007 | 75.48 | 24.67 | --- | --- | 50.81 | Geomatrix |
| | 11/2/2007 | 75.48 | 24.25 | --- | --- | 51.23 | Geomatrix |
| | 11/12/2007 | 75.48 | 24.27 | 24.25 | 0.02 | 51.23 | Stantec |
| | 12/28/2007 | 75.48 | 25.54 | 25.51 | 0.03 | 49.96 | Geomatrix |
| | 8/15/2008 | 75.48 | NM | --- | --- | NC | Envent |
| | 8/19/2008 | 75.48 | 25.18 | 25.13 | 0.05 | 50.34 | Envent |
| | 10/17/2008 | 75.48 | 25.30 | --- | --- | 50.18 | Envent |
| | 12/19/2008 | 75.48 | 26.31 | --- | --- | 49.17 | Envent |
| | 1/15/2009 | 75.48 | 25.84 | --- | --- | 49.64 | Envent |
| | 4/21/2009 | 75.48 | 25.41 | --- | --- | 50.07 | Envent |
| | 10/19/2009 | 75.48 | 26.30 | --- | --- | 49.18 | Blaine Tech |
| | 10/4/2010 | 75.48 | 26.90 | --- | --- | 48.58 | Blaine Tech |
| | 4/11/2011 | 75.48 | 25.59 | --- | --- | 49.89 | Blaine Tech |
| | 10/10/2011 | 75.48 | 26.52 | --- | --- | 48.96 | Blaine Tech |
| | 4/16/2012 | 75.48 | 27.25 | --- | --- | 48.23 | Blaine Tech |
| | 7/9/2012 | 75.48 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 75.48 | 28.94 | --- | --- | 46.54 | Blaine Tech |
| | 4/8/2013 | 75.48 | 28.81 | --- | --- | 46.67 | Blaine Tech |
| | 10/7/2013 | 75.48 | 29.21 | --- | --- | 46.27 | Blaine Tech |
| | 4/14/2014 | 75.48 | 29.82 | --- | --- | 45.66 | Blaine Tech |
| | 10/27/2014 | 75.48 | 29.92 | --- | --- | 45.56 | Blaine Tech |
| | 4/20/2015 | 75.48 | 30.39 | --- | --- | 45.09 | Blaine Tech |
| | 10/27/2015 | 75.48 | 27.67 | --- | --- | 47.81 | Blaine Tech |
| | 3/14/2016 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| | 4/11/2016 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| | 6/29/2016 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| | 8/22/2016 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| | 10/3/2016 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| 4/17/2017 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 10/2/2017 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2018 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 11/5/2018 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2019 | 75.48 | 32.09 | --- | --- | 43.39 | Blaine Tech | |
| 10/28/2019 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 75.48 | 31.98 | --- | --- | 43.50 | Blaine Tech | |
| 8/20/2020 | 75.48 | 32.86 | --- | --- | 42.62 | Blaine Tech | |
| 11/2/2020 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 2/24/2021 | 75.48 | 33.02 | --- | --- | 34.37 | Blaine Tech | |
| 5/3/2021 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |
| 8/31/2021 | 75.48 | DRY | --- | --- | NC | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|---------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-O-1 Continued | 11/1/2021 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| | 3/10/2022 | 75.48 | DRY | --- | --- | NC | Blaine Tech |
| MW-O-2 | 4/30/2007 | 74.31 | 22.53 | --- | --- | 51.78 | Secor |
| | 11/12/2007 | 71.90 | 23.10 | --- | --- | 48.80 | Stantec |
| | 8/15/2008 | 71.90 | NM | --- | --- | NC | Envent |
| | 10/17/2008 | 71.90 | 24.85 | --- | --- | 47.05 | Envent |
| | 12/19/2008 | 71.90 | 25.51 | --- | --- | 46.39 | Envent |
| | 3/27/2009 | 71.90 | 25.22 | --- | --- | 46.68 | Envent |
| | 4/21/2009 | 71.90 | NM | --- | --- | NC | Envent |
| | 7/21/2009 | 71.90 | 23.63 | --- | --- | 48.27 | Envent |
| | 10/19/2009 | 71.90 | NM | --- | --- | NC | Blaine Tech |
| | 11/9/2009 | 71.90 | 25.39 | --- | --- | 46.51 | Kinder Morgan |
| | 10/4/2010 | 71.90 | 26.05 | --- | --- | 45.85 | Blaine Tech |
| | 4/13/2011 | 71.90 | 23.31 | --- | --- | 48.59 | Blaine Tech |
| | 10/10/2011 | 71.90 | 27.53 | --- | --- | 44.37 | Blaine Tech |
| | 1/9/2012 | 71.90 | 28.13 | --- | --- | 43.77 | Blaine Tech |
| | 4/16/2012 | 71.90 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 71.90 | 26.53 | --- | --- | 45.37 | Blaine Tech |
| | 10/15/2012 | 71.90 | 26.89 | --- | --- | 45.01 | Blaine Tech |
| | 1/14/2013 | 71.90 | 26.93 | --- | --- | 44.97 | Blaine Tech |
| | 4/8/2013 | 71.90 | NM | --- | --- | NC | Blaine Tech |
| | 6/6/2013 | 71.90 | 28.99 | --- | --- | 42.91 | Blaine Tech |
| | 10/7/2013 | 71.90 | 29.06 | --- | --- | 42.84 | Blaine Tech |
| | 4/14/2014 | 71.90 | 29.36 | --- | --- | 42.54 | Blaine Tech |
| | 10/27/2014 | 71.90 | 29.81 | 29.65 | 0.16 | 42.22 | Blaine Tech |
| | 4/20/2015 | 71.90 | 30.94 | 29.34 | 1.60 | 42.24 | Blaine Tech |
| | 5/21/2015 | 71.90 | 32.50 | 27.31 | 5.19 | 43.55 | Northstar |
| | 5/29/2015 | 71.90 | 31.52 | 30.20 | 1.32 | 41.44 | Northstar |
| | 6/5/2015 | 71.90 | 31.45 | 30.57 | 0.88 | 41.15 | Northstar |
| | 6/12/2015 | 71.90 | 31.05 | 30.60 | 0.45 | 41.21 | Northstar |
| | 6/19/2015 | 71.90 | 31.10 | 30.90 | 0.20 | 40.96 | Northstar |
| | 6/26/2015 | 71.90 | 31.66 | 31.37 | 0.29 | 40.47 | Northstar |
| | 10/19/2015 | 71.90 | 32.39 | 30.53 | 1.86 | 41.00 | Blaine Tech |
| | 3/14/2016 | 71.90 | 35.49 | 34.86 | 0.63 | 36.91 | Blaine Tech |
| | 4/11/2016 | 71.90 | 33.03 | 32.54 | 0.49 | 39.26 | Blaine Tech |
| 6/30/2016 | 71.90 | 34.20 | --- | --- | 37.70 | Kinder Morgan | |
| 8/22/2016 | 71.90 | 33.93 | --- | --- | 37.97 | Kinder Morgan | |
| 10/3/2016 | 71.90 | 34.30 | 34.22 | 0.08 | 37.66 | Blaine Tech | |
| 4/17/2017 | 71.90 | 30.91 | 30.85 | 0.06 | 41.04 | Blaine Tech | |
| 10/2/2017 | 71.90 | 34.67 | --- | --- | 37.23 | Blaine Tech | |
| 4/16/2018 | 71.90 | 34.18 | 34.16 | 0.02 | 37.74 | Blaine Tech | |
| 11/5/2018 | 71.90 | 34.30 | --- | --- | 37.60 | Blaine Tech | |
| 4/16/2019 | 71.90 | 31.44 | --- | --- | 40.46 | Blaine Tech | |
| 10/28/2019 | 71.90 | NM | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 71.90 | 31.87 | --- | --- | 40.03 | Blaine Tech | |
| 8/20/2020 | 71.90 | 32.08 | --- | --- | 39.82 | Blaine Tech | |
| 11/2/2020 | 71.90 | 30.60 | --- | --- | 41.30 | Blaine Tech | |
| 2/24/2021 | 71.90 | 33.16 | --- | --- | 38.74 | Blaine Tech | |
| 5/3/2021 | 71.90 | 32.94 | --- | --- | 38.96 | Blaine Tech | |
| 8/31/2021 | 71.90 | 32.60 | --- | --- | 39.30 | Blaine Tech | |
| 11/1/2021 | 71.90 | 33.61 | --- | --- | 38.29 | Blaine Tech | |
| 3/10/2022 | 71.90 | 33.52 | --- | --- | 38.38 | Blaine Tech | |
| MW-SF-1 | 3/12/2007 | 78.93 | 28.71 | --- | --- | 50.22 | Secor |
| | 4/30/2007 | 78.93 | 28.44 | --- | --- | 50.49 | Secor |
| | 8/28/2007 | 78.93 | 27.94 | --- | --- | 50.99 | Stantec |
| | 11/12/2007 | 78.93 | 28.76 | --- | --- | 50.17 | Stantec |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-1 Continued | 2/19/2008 | 78.93 | 29.50 | --- | --- | 49.43 | Stantec |
| | 4/14/2008 | 78.93 | 29.16 | --- | --- | 49.77 | Stantec |
| | 8/11/2008 | 78.93 | 29.75 | --- | --- | 49.18 | Stantec |
| | 10/13/2008 | 78.93 | 29.86 | --- | --- | 49.07 | Stantec |
| | 2/23/2009 | 78.93 | 30.00 | --- | --- | 48.93 | Blaine Tech |
| | 4/20/2009 | 78.93 | 29.97 | --- | --- | 48.96 | Blaine Tech |
| | 7/20/2009 | 78.93 | 30.98 | --- | --- | 47.95 | Blaine Tech |
| | 7/22/2009 | 78.93 | 30.98 | --- | --- | 47.95 | Blaine Tech |
| | 10/19/2009 | 78.93 | 31.11 | --- | --- | 47.82 | Blaine Tech |
| | 3/15/2010 | 78.93 | 31.74 | --- | --- | 47.19 | Blaine Tech |
| | 5/24/2010 | 78.93 | 30.79 | --- | --- | 48.14 | Blaine Tech |
| | 5/28/2010 | 78.93 | 30.57 | --- | --- | 48.36 | Blaine Tech |
| | 6/22/2010 | 78.93 | 30.84 | --- | --- | 48.09 | Blaine Tech |
| | 7/12/2010 | 78.93 | 30.51 | --- | --- | 48.42 | Blaine Tech |
| | 10/4/2010 | 78.93 | 30.88 | --- | --- | 48.05 | Blaine Tech |
| | 1/10/2011 | 78.93 | 32.51 | --- | --- | 46.42 | Blaine Tech |
| | 4/11/2011 | 78.93 | 29.87 | --- | --- | 49.06 | Blaine Tech |
| | 7/11/2011 | 78.93 | 29.84 | --- | --- | 49.09 | Blaine Tech |
| | 10/10/2011 | 78.93 | 29.60 | --- | --- | 49.33 | Blaine Tech |
| | 1/9/2012 | 78.93 | 31.25 | --- | --- | 47.68 | Blaine Tech |
| | 4/16/2012 | 78.93 | 32.59 | --- | --- | 46.34 | Blaine Tech |
| | 7/9/2012 | 78.93 | 31.24 | --- | --- | 47.69 | Blaine Tech |
| | 10/15/2012 | 78.93 | 32.23 | --- | --- | 46.70 | Blaine Tech |
| | 1/14/2013 | 78.93 | 33.88 | --- | --- | 45.05 | Blaine Tech |
| | 4/8/2013 | 78.93 | 33.38 | --- | --- | 45.55 | Blaine Tech |
| | 10/7/2013 | 78.93 | 37.14 | 31.72 | 5.42 | 46.13 | Blaine Tech |
| | 4/14/2014 | 78.93 | 37.40 | 32.69 | 4.71 | 45.30 | Blaine Tech |
| | 5/6/2014 | 78.93 | 39.99 | 32.82 | 7.17 | 44.68 | Nieto & Sons |
| | 5/12/2014 | 78.93 | 37.31 | 33.55 | 3.76 | 44.63 | Nieto & Sons |
| | 5/20/2014 | 78.93 | 37.10 | 34.60 | 2.50 | 43.83 | Nieto & Sons |
| | 5/27/2014 | 78.93 | 36.62 | 34.30 | 2.32 | 44.17 | Nieto & Sons |
| | 6/4/2014 | 78.93 | 35.98 | 35.27 | 0.71 | 43.52 | Nieto & Sons |
| | 6/10/2014 | 78.93 | 36.91 | 34.48 | 2.43 | 43.96 | Nieto & Sons |
| | 7/3/2014 | 78.93 | 36.72 | 34.71 | 2.01 | 43.82 | Nieto & Sons |
| | 7/8/2014 | 78.93 | 36.60 | 34.45 | 2.15 | 44.05 | Blaine Tech |
| | 7/18/2014 | 78.93 | 35.18 | 34.77 | 0.41 | 44.08 | Blaine Tech |
| | 7/24/2014 | 78.93 | 35.30 | 34.62 | 0.68 | 44.17 | Blaine Tech |
| | 8/1/2014 | 78.93 | 34.74 | 34.44 | 0.30 | 44.43 | Blaine Tech |
| | 8/14/2014 | 78.93 | 34.75 | 34.41 | 0.34 | 44.45 | Blaine Tech |
| | 8/19/2014 | 78.93 | 34.66 | 34.37 | 0.29 | 44.50 | Blaine Tech |
| 8/29/2014 | 78.93 | 35.65 | 35.38 | 0.27 | 43.50 | Blaine Tech | |
| 9/18/2014 | 78.93 | 34.85 | 34.49 | 0.36 | 44.37 | Blaine Tech | |
| 9/26/2014 | 78.93 | 34.78 | 34.45 | 0.33 | 44.41 | Blaine Tech | |
| 10/1/2014 | 78.93 | 34.77 | 34.41 | 0.36 | 44.45 | Blaine Tech | |
| 10/6/2014 | 78.93 | 34.78 | 34.42 | 0.36 | 44.44 | Blaine Tech | |
| 10/14/2014 | 78.93 | 34.65 | 34.41 | 0.24 | 44.47 | Blaine Tech | |
| 10/23/2014 | 78.93 | 34.84 | 34.45 | 0.39 | 44.40 | Blaine Tech | |
| 10/27/2014 | 78.93 | 34.80 | 34.43 | 0.37 | 44.43 | Blaine Tech | |
| 11/10/2014 | 78.93 | 34.91 | 34.51 | 0.40 | 44.34 | Blaine Tech | |
| 11/18/2014 | 78.93 | 34.80 | 34.43 | 0.37 | 44.43 | Blaine Tech | |
| 11/25/2014 | 78.93 | 34.53 | 34.51 | 0.02 | 44.42 | Blaine Tech | |
| 12/12/2014 | 78.93 | 35.18 | 34.78 | 0.40 | 44.07 | Blaine Tech | |
| 12/19/2014 | 78.93 | 35.34 | 34.88 | 0.46 | 43.96 | Blaine Tech | |
| 4/20/2015 | 78.93 | 34.89 | 34.48 | 0.41 | 44.37 | Blaine Tech | |
| 5/19/2015 | 78.93 | 38.45 | 34.55 | 3.90 | 43.60 | Northstar | |
| 5/29/2015 | 78.93 | 36.36 | 35.22 | 1.14 | 43.48 | Northstar | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-1 Continued | 6/5/2015 | 78.93 | 36.50 | 35.43 | 1.07 | 43.29 | Northstar |
| | 6/12/2015 | 78.93 | 35.80 | 35.41 | 0.39 | 43.44 | Northstar |
| | 6/19/2015 | 78.93 | 36.02 | 35.42 | 0.60 | 43.39 | Northstar |
| | 6/26/2015 | 78.93 | 36.60 | 36.45 | 0.15 | 42.45 | Northstar |
| | 10/19/2015 | 78.93 | 36.35 | 35.53 | 0.82 | 43.24 | Blaine Tech |
| | 11/17/2015 | 78.93 | 35.65 | --- | --- | 43.28 | Kinder Morgan |
| | 3/14/2016 | 78.93 | 40.40 | --- | --- | 38.53 | Blaine Tech |
| | 4/11/2016 | 78.93 | 37.96 | --- | --- | 40.97 | Blaine Tech |
| | 6/29/2016 | 78.93 | 39.05 | --- | --- | 39.88 | Blaine Tech |
| | 8/22/2016 | 78.93 | 39.04 | --- | --- | 39.87 | Blaine Tech |
| | 10/3/2016 | 78.93 | 39.20 | --- | --- | 39.73 | Blaine Tech |
| | 4/17/2017 | 78.93 | 35.75 | --- | --- | 43.18 | Blaine Tech |
| | 10/2/2017 | 78.93 | 39.98 | --- | --- | 38.95 | Blaine Tech |
| | 4/16/2018 | 78.93 | 39.43 | --- | --- | 39.50 | Blaine Tech |
| | 11/5/2018 | 78.93 | 39.20 | --- | --- | 39.73 | Blaine Tech |
| | 4/16/2019 | 78.93 | 37.94 | --- | --- | 40.99 | Blaine Tech |
| | 10/28/2019 | 78.93 | 39.41 | --- | --- | 39.52 | Blaine Tech |
| | 5/4/2020 | 78.93 | 36.65 | --- | --- | 42.28 | Blaine Tech |
| 11/2/2020 | 78.93 | 37.39 | --- | --- | 41.54 | Blaine Tech | |
| 5/3/2021 | 78.93 | 38.03 | --- | --- | 40.90 | Blaine Tech | |
| 11/1/2021 | 78.93 | 39.29 | --- | --- | 39.64 | Blaine Tech | |
| MW-SF-2 | 4/30/2007 | 78.45 | 28.35 | 28.34 | 0.01 | 50.11 | Secor |
| | 11/12/2007 | 78.45 | 29.18 | 28.71 | 0.47 | 49.65 | Stantec |
| | 8/12/2008 | 78.45 | 31.11 | --- | --- | 47.34 | Envent |
| | 10/17/2008 | 78.45 | 31.55 | 31.50 | 0.05 | 46.94 | Envent |
| | 12/18/2008 | 78.53 | 32.75 | 32.55 | 0.20 | 45.94 | Envent |
| | 1/15/2009 | 78.53 | 30.84 | 30.57 | 0.27 | 47.91 | Envent |
| | 3/24/2009 | 78.53 | 28.85 | --- | --- | 49.68 | Envent |
| | 4/21/2009 | 78.53 | 29.98 | --- | --- | 48.55 | Envent |
| | 7/21/2009 | 78.53 | 29.85 | --- | --- | 48.68 | Envent |
| | 10/19/2009 | 78.53 | NM | --- | --- | NC | Blaine Tech |
| | 12/9/2009 | 78.53 | 31.45 | --- | --- | 47.08 | Kinder Morgan |
| | 10/4/2010 | 78.53 | 30.96 | 30.75 | 0.21 | 47.74 | Blaine Tech |
| | 1/10/2011 | 78.53 | 32.62 | 32.50 | 0.12 | 46.01 | Blaine Tech |
| | 4/11/2011 | 78.53 | 29.83 | --- | --- | 48.70 | Blaine Tech |
| | 7/11/2011 | 78.53 | NM | --- | --- | NC | |
| | 10/10/2011 | 78.53 | 29.82 | --- | --- | 48.71 | Blaine Tech |
| | 1/9/2012 | 78.53 | 30.52 | --- | --- | 48.01 | Blaine Tech |
| | 4/16/2012 | 78.53 | 31.28 | --- | --- | 47.25 | Blaine Tech |
| | 7/9/2012 | 78.53 | 33.18 | --- | --- | 45.35 | Blaine Tech |
| | 10/15/2012 | 78.53 | 32.11 | --- | --- | 46.42 | Blaine Tech |
| | 1/14/2013 | 78.53 | 33.59 | --- | --- | 44.94 | Blaine Tech |
| | 4/8/2013 | 78.53 | 33.32 | --- | --- | 45.21 | Blaine Tech |
| | 10/7/2013 | 78.53 | 34.58 | 33.08 | 1.50 | 45.15 | Blaine Tech |
| | 4/14/2014 | 78.53 | 37.50 | 33.27 | 4.23 | 44.41 | Blaine Tech |
| | 5/6/2014 | 78.53 | 37.71 | 33.24 | 4.47 | 44.40 | Nieto & Sons |
| | 5/12/2014 | 78.53 | 37.53 | 33.34 | 4.19 | 44.35 | Nieto & Sons |
| | 5/20/2014 | 78.53 | 37.62 | 33.51 | 4.11 | 44.20 | Nieto & Sons |
| | 5/27/2014 | 78.53 | 38.24 | 33.77 | 4.47 | 43.87 | Nieto & Sons |
| | 6/4/2014 | 78.53 | 34.63 | --- | --- | 43.90 | Nieto & Sons |
| | 6/10/2014 | 78.53 | 38.49 | 34.00 | 4.49 | 43.63 | Nieto & Sons |
| 8/8/2014 | 78.53 | 36.23 | 33.82 | 2.41 | 44.23 | Blaine Tech | |
| 8/13/2014 | 78.53 | 36.75 | 33.59 | 3.16 | 44.31 | Blaine Tech | |
| 8/19/2014 | 78.53 | 36.90 | 33.60 | 3.30 | 44.27 | Blaine Tech | |
| 8/29/2014 | 78.53 | 37.11 | 33.53 | 3.58 | 44.28 | Blaine Tech | |
| 9/5/2014 | 78.53 | 37.09 | 33.51 | 3.58 | 44.30 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-2 Continued | 9/11/2014 | 78.53 | 37.12 | 33.51 | 3.61 | 44.30 | Blaine Tech |
| | 9/18/2014 | 78.53 | 36.89 | 33.60 | 3.29 | 44.27 | Blaine Tech |
| | 9/26/2014 | 78.53 | 37.28 | 33.54 | 3.74 | 44.24 | Blaine Tech |
| | 10/1/2014 | 78.53 | 37.18 | 33.56 | 3.62 | 44.25 | Blaine Tech |
| | 10/6/2014 | 78.53 | 37.16 | 33.59 | 3.57 | 44.23 | Blaine Tech |
| | 10/14/2014 | 78.53 | 37.15 | 33.64 | 3.51 | 44.19 | Blaine Tech |
| | 10/23/2014 | 78.53 | 37.24 | 33.61 | 3.63 | 44.19 | Blaine Tech |
| | 10/27/2014 | 78.53 | 37.04 | 33.54 | 3.50 | 44.29 | Blaine Tech |
| | 11/3/2014 | 78.53 | 37.14 | 33.55 | 3.59 | 44.26 | Blaine Tech |
| | 11/10/2014 | 78.53 | 37.33 | 33.56 | 3.77 | 44.22 | Blaine Tech |
| | 11/18/2014 | 78.53 | 37.21 | 33.64 | 3.57 | 44.18 | Blaine Tech |
| | 11/25/2014 | 78.53 | 37.40 | 33.69 | 3.71 | 44.10 | Blaine Tech |
| | 12/3/2014 | 78.53 | 37.16 | 33.60 | 3.56 | 44.22 | Blaine Tech |
| | 12/12/2014 | 78.53 | 38.05 | 33.91 | 4.14 | 43.79 | Blaine Tech |
| | 12/19/2014 | 78.53 | 38.40 | 33.95 | 4.45 | 43.69 | Blaine Tech |
| | 4/20/2015 | 78.53 | 36.15 | 34.73 | 1.42 | 43.52 | Blaine Tech |
| | 6/25/2015 | 78.53 | 38.95 | 35.57 | 3.38 | 42.28 | Blaine Tech |
| | 10/21/2015 | 78.53 | 36.32 | 36.13 | 0.19 | 42.36 | Kinder Morgan |
| | 3/16/2016 | 78.53 | 39.27 | --- | --- | 39.26 | Kinder Morgan |
| | 4/11/2016 | 78.53 | 37.47 | --- | --- | 41.06 | Blaine Tech |
| | 6/29/2016 | 78.53 | 38.08 | --- | --- | 40.45 | Blaine Tech |
| | 8/22/2016 | 78.53 | 38.83 | --- | --- | 39.70 | Blaine Tech |
| | 10/3/2016 | 78.53 | 39.60 | --- | --- | 38.93 | Blaine Tech |
| | 3/10/2017 | 78.53 | 36.47 | --- | --- | 42.06 | CH2M |
| | 4/17/2017 | 78.53 | 35.78 | --- | --- | 42.75 | Blaine Tech |
| | 10/2/2017 | 78.53 | 39.68 | --- | --- | 38.85 | Blaine Tech |
| | 4/16/2018 | 78.53 | 39.47 | --- | --- | 39.06 | Blaine Tech |
| | 11/5/2018 | 78.53 | 39.55 | --- | --- | 38.98 | Blaine Tech |
| | 4/16/2019 | 78.53 | 37.95 | --- | --- | 40.58 | Blaine Tech |
| | 10/28/2019 | 78.53 | 39.26 | --- | --- | 39.27 | Blaine Tech |
| 5/4/2020 | 78.53 | 36.66 | --- | --- | 41.87 | Blaine Tech | |
| 11/2/2020 | 78.53 | 37.14 | --- | --- | 41.39 | Blaine Tech | |
| 5/3/2021 | 78.53 | 37.82 | --- | --- | 40.71 | Blaine Tech | |
| 11/1/2021 | 78.53 | 39.30 | --- | --- | 39.23 | Blaine Tech | |
| MW-SF-3 | 4/30/2007 | 77.62 | 27.72 | 27.45 | 0.27 | 50.12 | Secor |
| | 11/12/2007 | 77.62 | 29.34 | 28.28 | 1.06 | 49.13 | Stantec |
| | 8/12/2008 | 77.62 | 30.30 | 29.05 | 1.25 | 48.32 | Envent |
| | 10/17/2008 | 77.62 | 29.45 | --- | --- | 48.17 | Envent |
| | 12/18/2008 | 78.12 | 31.08 | 30.82 | 0.26 | 47.25 | Envent |
| | 1/15/2009 | 78.12 | 29.96 | 29.94 | 0.02 | 48.18 | Envent |
| | 3/20/2009 | 78.12 | 31.10 | --- | --- | 47.02 | Envent |
| | 3/24/2009 | 78.12 | 27.82 | --- | --- | 50.30 | Envent |
| | 4/21/2009 | 78.12 | 29.51 | 29.50 | 0.01 | 48.62 | Envent |
| | 7/21/2009 | 78.12 | 30.07 | --- | --- | 48.05 | Envent |
| | 10/19/2009 | 78.12 | NM | --- | --- | NC | Blaine Tech |
| | 11/6/2009 | 78.12 | 30.37 | 30.35 | 0.02 | 47.77 | Kinder Morgan |
| | 12/9/2009 | 78.12 | 30.53 | --- | --- | 47.59 | Kinder Morgan |
| | 9/3/2010 | 78.12 | 30.97 | 30.42 | 0.55 | 47.59 | Kinder Morgan |
| | 10/4/2010 | 78.12 | 30.88 | 30.30 | 0.58 | 47.70 | Blaine Tech |
| | 4/12/2011 | 78.12 | 29.44 | --- | --- | 48.68 | Blaine Tech |
| | 10/10/2011 | 78.12 | 30.75 | --- | --- | 47.37 | Blaine Tech |
| | 4/16/2012 | 78.12 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 78.12 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.12 | 32.47 | --- | --- | 45.65 | Blaine Tech |
| 5/24/2013 | 78.12 | 33.35 | 32.51 | 0.84 | 45.44 | Blaine Tech | |
| 9/25/2013 | 78.12 | 34.40 | --- | --- | 43.72 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-3 Continued | 10/7/2013 | 78.12 | NM | --- | --- | NC | Blaine Tech |
| | 11/14/2013 | 78.12 | 33.26 | --- | --- | 44.86 | Blaine Tech |
| | 4/18/2014 | 78.12 | 33.72 | 33.62 | 0.10 | 44.48 | Blaine Tech |
| | 8/8/2014 | 78.12 | 34.07 | 33.71 | 0.36 | 44.34 | Blaine Tech |
| | 10/14/2014 | 78.12 | 34.55 | 33.92 | 0.63 | 44.07 | Blaine Tech |
| | 10/23/2014 | 78.12 | 34.57 | 33.94 | 0.63 | 44.05 | Blaine Tech |
| | 10/27/2014 | 78.12 | 34.49 | 33.85 | 0.64 | 44.14 | Blaine Tech |
| | 11/10/2014 | 78.12 | 34.65 | 33.94 | 0.71 | 44.04 | Blaine Tech |
| | 11/18/2014 | 78.12 | 34.62 | 33.88 | 0.74 | 44.09 | Blaine Tech |
| | 11/25/2014 | 78.12 | 34.22 | 33.94 | 0.28 | 44.12 | Blaine Tech |
| | 12/12/2014 | 78.12 | 34.89 | 34.38 | 0.51 | 43.64 | Blaine Tech |
| | 12/19/2014 | 78.12 | 35.04 | 34.43 | 0.61 | 43.57 | Blaine Tech |
| | 4/20/2015 | 78.12 | 34.52 | --- | --- | 43.60 | Blaine Tech |
| | 10/21/2015 | 78.12 | 35.18 | --- | --- | 42.94 | Kinder Morgan |
| | 3/14/2016 | 78.12 | 39.43 | 39.40 | 0.03 | 38.71 | Blaine Tech |
| | 4/11/2016 | 78.12 | 37.17 | --- | --- | 40.95 | Blaine Tech |
| | 6/30/2016 | 78.12 | 38.28 | --- | --- | 39.84 | Kinder Morgan |
| | 8/22/2016 | 78.12 | 38.33 | --- | --- | 39.79 | Kinder Morgan |
| | 10/3/2016 | 78.12 | 39.40 | --- | --- | 38.72 | Kinder Morgan |
| | 3/8/2017 | 78.12 | 35.75 | --- | --- | 42.37 | CH2M |
| | 4/17/2017 | 78.12 | 35.15 | --- | --- | 42.97 | Blaine Tech |
| | 10/2/2017 | 78.12 | 39.20 | --- | --- | 38.92 | Blaine Tech |
| | 4/16/2018 | 78.12 | 38.81 | --- | --- | 39.31 | Blaine Tech |
| | 11/5/2018 | 78.12 | 38.69 | --- | --- | 39.43 | Blaine Tech |
| | 4/16/2019 | 78.12 | NM | --- | --- | NC | Blaine Tech |
| | 10/28/2019 | 78.12 | 38.77 | --- | --- | 39.35 | Blaine Tech |
| 5/4/2020 | 78.12 | 36.19 | --- | --- | 41.93 | Blaine Tech | |
| 11/2/2020 | 78.12 | 36.55 | --- | --- | 41.57 | Blaine Tech | |
| 5/3/2021 | 78.12 | 37.51 | --- | --- | 40.61 | Blaine Tech | |
| 11/1/2021 | 78.12 | 38.59 | --- | --- | 39.53 | Blaine Tech | |
| MW-SF-4 | 3/12/2007 | 79.38 | 30.01 | 29.41 | 0.60 | 49.85 | Secor |
| | 4/30/2007 | 79.38 | 29.96 | 29.11 | 0.85 | 50.10 | Secor |
| | 8/14/2007 | 79.38 | 30.34 | 28.38 | 1.96 | 50.60 | Geomatrix |
| | 8/28/2007 | 79.38 | 29.95 | 28.30 | 1.65 | 50.74 | Stantec |
| | 9/11/2007 | 79.38 | 29.98 | 28.43 | 1.55 | 50.63 | Geomatrix |
| | 10/5/2007 | 79.38 | 30.68 | 28.85 | 1.83 | 50.15 | Geomatrix |
| | 10/12/2007 | 79.38 | 30.27 | 29.96 | 0.31 | 49.36 | Geomatrix |
| | 10/19/2007 | 79.38 | 30.28 | --- | --- | 49.10 | Geomatrix |
| | 10/26/2007 | 79.38 | 30.52 | --- | --- | 48.86 | Geomatrix |
| | 11/2/2007 | 79.38 | 30.68 | --- | --- | 48.70 | Geomatrix |
| | 11/12/2007 | 79.38 | 29.70 | 29.69 | 0.01 | 49.69 | Stantec |
| | 12/21/2007 | 79.38 | 30.69 | --- | --- | 48.69 | Geomatrix |
| | 2/19/2008 | 79.38 | 30.22 | --- | --- | 49.16 | Stantec |
| | 3/21/2008 | 79.38 | 30.07 | --- | --- | 49.31 | Envent |
| | 4/14/2008 | 79.38 | 29.95 | --- | --- | 49.43 | Stantec |
| | 8/8/2008 | 79.38 | 30.51 | --- | --- | 48.87 | Envent |
| | 8/11/2008 | 79.38 | 30.57 | --- | --- | 48.81 | Stantec |
| | 10/16/2008 | 79.38 | 30.77 | --- | --- | 48.61 | Envent |
| | 1/15/2009 | 79.38 | 31.14 | --- | --- | 48.24 | Envent |
| | 2/20/2009 | 79.38 | 30.84 | --- | --- | 48.54 | Envent |
| | 2/23/2009 | 79.38 | 30.96 | --- | --- | 48.42 | Blaine Tech |
| | 4/20/2009 | 79.38 | 30.02 | 29.94 | 0.08 | 49.42 | Blaine Tech |
| 4/28/2009 | 79.38 | 30.78 | --- | --- | 48.60 | Envent | |
| 7/17/2009 | 79.38 | 31.85 | --- | --- | 47.53 | Envent | |
| 7/20/2009 | 79.38 | 31.65 | 31.61 | 0.04 | 47.76 | Blaine Tech | |
| 7/22/2009 | 79.38 | 31.65 | 31.61 | 0.04 | 47.76 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-4 Continued | 10/19/2009 | 79.38 | 31.93 | 31.90 | 0.03 | 47.47 | Blaine Tech |
| | 3/15/2010 | 79.38 | 31.95 | 31.91 | 0.04 | 47.46 | Blaine Tech |
| | 5/24/2010 | 79.38 | 31.60 | --- | --- | 47.78 | Blaine Tech |
| | 5/28/2010 | 79.38 | 26.40 | --- | --- | 52.98 | Blaine Tech |
| | 6/22/2010 | 79.38 | 31.63 | --- | --- | 47.75 | Blaine Tech |
| | 7/12/2010 | 79.38 | 31.37 | --- | --- | 48.01 | Blaine Tech |
| | 10/4/2010 | 79.38 | 31.81 | --- | --- | 47.57 | Blaine Tech |
| | 1/10/2011 | 79.38 | 32.99 | --- | --- | 46.39 | Blaine Tech |
| | 4/11/2011 | 79.38 | 30.85 | --- | --- | 48.53 | Blaine Tech |
| | 7/11/2011 | 79.38 | 30.35 | --- | --- | 49.03 | Blaine Tech |
| | 10/10/2011 | 79.38 | NM | --- | --- | NC | Blaine Tech |
| | 1/9/2012 | 79.38 | 32.07 | --- | --- | 47.31 | Blaine Tech |
| | 4/16/2012 | 79.38 | 33.35 | --- | --- | 46.03 | Blaine Tech |
| | 7/9/2012 | 79.38 | 32.11 | --- | --- | 47.27 | Blaine Tech |
| | 10/15/2012 | 79.38 | 34.04 | --- | --- | 45.34 | Blaine Tech |
| | 1/14/2013 | 79.38 | 34.52 | --- | --- | 44.86 | Blaine Tech |
| | 4/8/2013 | 79.38 | DRY | --- | --- | NC | Blaine Tech |
| | 10/7/2013 | 79.38 | DRY | --- | --- | NC | Blaine Tech |
| | 4/25/2014 | 79.38 | 40.03 | 34.23 | 5.80 | 43.96 | Blaine Tech |
| | 5/6/2014 | 79.38 | 39.78 | 33.91 | 5.87 | 44.27 | Nieto & Sons |
| | 5/12/2014 | 79.38 | 37.02 | 34.64 | 2.38 | 44.25 | Nieto & Sons |
| | 5/20/2014 | 79.38 | 36.60 | 35.60 | 1.00 | 43.58 | Nieto & Sons |
| | 5/27/2014 | 79.38 | 36.12 | 35.45 | 0.67 | 43.79 | Nieto & Sons |
| | 6/4/2014 | 79.38 | 36.54 | 35.91 | 0.63 | 43.34 | Nieto & Sons |
| | 6/10/2014 | 79.38 | 37.02 | 35.38 | 1.64 | 43.66 | Nieto & Sons |
| | 7/3/2014 | 79.38 | 36.98 | 35.63 | 1.35 | 43.47 | Nieto & Sons |
| | 7/8/2014 | 79.38 | 36.78 | 35.34 | 1.44 | 43.74 | Blaine Tech |
| | 7/18/2014 | 79.38 | 35.88 | 35.55 | 0.33 | 43.76 | Blaine Tech |
| | 7/24/2014 | 79.38 | 35.98 | 35.42 | 0.56 | 43.85 | Blaine Tech |
| | 8/1/2014 | 79.38 | 35.57 | 35.30 | 0.27 | 44.02 | Blaine Tech |
| | 8/14/2014 | 79.38 | 35.42 | 35.23 | 0.19 | 44.11 | Blaine Tech |
| | 8/19/2014 | 79.38 | 35.36 | 35.21 | 0.15 | 44.14 | Blaine Tech |
| | 8/29/2014 | 79.38 | 35.32 | 35.20 | 0.12 | 44.16 | Blaine Tech |
| | 9/18/2014 | 79.38 | 35.55 | 35.30 | 0.25 | 44.03 | Blaine Tech |
| | 9/26/2014 | 79.38 | 35.56 | 35.30 | 0.26 | 44.03 | Blaine Tech |
| | 10/1/2014 | 79.38 | 35.56 | 35.24 | 0.32 | 44.07 | Blaine Tech |
| | 10/6/2014 | 79.38 | 35.48 | 35.22 | 0.26 | 44.11 | Blaine Tech |
| | 10/14/2014 | 79.38 | 35.33 | 35.20 | 0.13 | 44.15 | Blaine Tech |
| | 10/23/2014 | 79.38 | 35.51 | 35.22 | 0.29 | 44.10 | Blaine Tech |
| | 10/27/2014 | 79.38 | 35.54 | 35.25 | 0.29 | 44.07 | Blaine Tech |
| | 11/18/2014 | 79.38 | 35.56 | 35.25 | 0.31 | 44.07 | Blaine Tech |
| | 11/25/2014 | 79.38 | 35.66 | 35.32 | 0.34 | 43.99 | Blaine Tech |
| | 12/12/2014 | 79.38 | 35.81 | 35.58 | 0.23 | 43.75 | Blaine Tech |
| | 12/19/2014 | 79.38 | 35.75 | 35.62 | 0.13 | 43.73 | Blaine Tech |
| | 4/20/2015 | 79.38 | 37.78 | 35.29 | 2.49 | 43.58 | Blaine Tech |
| | 5/19/2015 | 79.38 | 39.22 | 35.28 | 3.94 | 43.29 | Northstar |
| | 5/29/2015 | 79.38 | 37.10 | 35.80 | 1.30 | 43.31 | Northstar |
| | 6/5/2015 | 79.38 | 36.85 | 36.15 | 0.70 | 43.09 | Northstar |
| | 6/12/2015 | 79.38 | 36.55 | 36.15 | 0.40 | 43.15 | Northstar |
| | 6/19/2015 | 79.38 | 36.68 | 36.42 | 0.26 | 42.91 | Northstar |
| | 6/26/2015 | 79.38 | 37.23 | 36.96 | 0.27 | 42.36 | Northstar |
| | 10/19/2015 | 79.38 | 38.12 | 36.25 | 1.87 | 42.75 | Blaine Tech |
| | 11/17/2015 | 79.38 | 37.83 | 35.98 | 1.85 | 43.02 | Kinder Morgan |
| | 3/14/2016 | 79.38 | 40.80 | --- | --- | 38.58 | Kinder Morgan |
| | 4/11/2016 | 79.38 | 37.76 | --- | --- | 41.62 | Blaine Tech |
| | 6/29/2016 | 79.38 | 39.54 | --- | --- | 39.84 | Blaine Tech |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|-------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-4 Continued | 8/22/2016 | 79.38 | 39.76 | --- | --- | 39.62 | Blaine Tech |
| | 10/3/2016 | 79.38 | 41.05 | --- | --- | 38.33 | Blaine Tech |
| | 4/17/2017 | 79.38 | 36.67 | --- | --- | 42.71 | Blaine Tech |
| | 10/2/2017 | 79.38 | 40.07 | --- | --- | 39.31 | Blaine Tech |
| | 4/16/2018 | 79.38 | 39.90 | --- | --- | 39.48 | Blaine Tech |
| | 11/5/2018 | 79.38 | 39.78 | --- | --- | 39.60 | Blaine Tech |
| | 4/16/2019 | 79.38 | 38.45 | --- | --- | 40.93 | Blaine Tech |
| | 10/28/2019 | 79.38 | 39.75 | --- | --- | 39.63 | Blaine Tech |
| | 5/4/2020 | 79.38 | 37.13 | --- | --- | 42.25 | Blaine Tech |
| | 11/2/2020 | 79.38 | 37.46 | --- | --- | 41.92 | Blaine Tech |
| | 5/3/2021 | 79.38 | 38.30 | --- | --- | 41.08 | Blaine Tech |
| 11/1/2021 | 79.38 | 39.75 | --- | --- | 39.63 | Blaine Tech | |
| MW-SF-5 | 4/30/2007 | 79.74 | 29.54 | --- | --- | 50.20 | Secor |
| | 8/21/2007 | 79.74 | 28.36 | --- | --- | 51.38 | Geomatrix |
| | 8/28/2007 | 79.74 | 28.84 | --- | --- | 50.90 | Stantec |
| | 10/5/2007 | 79.74 | 29.50 | --- | --- | 50.24 | Geomatrix |
| | 11/2/2007 | 79.74 | 31.50 | --- | --- | 48.24 | Geomatrix |
| | 11/12/2007 | 79.74 | 29.93 | --- | --- | 49.81 | Stantec |
| | 12/21/2007 | 79.74 | 31.00 | --- | --- | 48.74 | Geomatrix |
| | 4/14/2008 | 79.74 | 30.20 | --- | --- | 49.54 | Stantec |
| | 8/11/2008 | 79.74 | 30.85 | --- | --- | 48.89 | Stantec |
| | 10/13/2008 | 79.74 | 30.93 | --- | --- | 48.81 | Stantec |
| | 4/20/2009 | 79.74 | 30.99 | --- | --- | 48.75 | Blaine Tech |
| | 10/19/2009 | 79.74 | NM | --- | --- | NC | Blaine Tech |
| | 5/24/2010 | 79.74 | 31.55 | --- | --- | 48.19 | Blaine Tech |
| | 5/28/2010 | 79.74 | 31.44 | --- | --- | 48.30 | Blaine Tech |
| | 6/22/2010 | 79.74 | 31.57 | --- | --- | 48.17 | Blaine Tech |
| | 10/4/2010 | 79.74 | 31.39 | --- | --- | 48.35 | Blaine Tech |
| | 1/10/2011 | 79.74 | 33.80 | --- | --- | 45.94 | Blaine Tech |
| | 4/11/2011 | 79.74 | 31.03 | --- | --- | 48.71 | Blaine Tech |
| | 7/11/2011 | 79.74 | NM | --- | --- | NC | |
| | 10/10/2011 | 79.74 | 31.28 | --- | --- | 48.46 | Blaine Tech |
| | 1/9/2012 | 79.74 | 32.12 | --- | --- | 47.62 | Blaine Tech |
| | 4/16/2012 | 79.74 | 33.30 | --- | --- | 46.44 | Blaine Tech |
| | 7/9/2012 | 79.74 | 34.45 | --- | --- | 45.29 | Blaine Tech |
| | 10/15/2012 | 79.74 | 33.28 | --- | --- | 46.46 | Blaine Tech |
| | 1/14/2013 | 79.74 | 33.37 | --- | --- | 46.37 | Blaine Tech |
| | 4/8/2013 | 79.74 | 34.28 | --- | --- | 45.46 | Blaine Tech |
| | 10/7/2013 | 79.74 | 34.58 | --- | --- | 45.16 | Blaine Tech |
| | 4/14/2014 | 79.74 | 35.33 | --- | --- | 44.41 | Blaine Tech |
| | 10/27/2014 | 79.74 | 35.48 | --- | --- | 44.26 | Blaine Tech |
| | 4/20/2015 | 79.74 | 36.05 | --- | --- | 43.69 | Blaine Tech |
| | 10/19/2015 | 79.74 | 36.82 | --- | --- | 42.92 | Blaine Tech |
| | 3/14/2016 | 79.74 | DRY | --- | --- | NC | Blaine Tech |
| | 4/11/2016 | 79.74 | DRY | --- | --- | NC | Blaine Tech |
| 6/29/2016 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 8/22/2016 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 10/3/2016 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 4/17/2017 | 79.74 | 36.88 | --- | --- | 42.86 | Blaine Tech | |
| 10/2/2017 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2018 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 11/5/2018 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2019 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 10/28/2019 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 79.74 | 37.86 | --- | --- | 41.88 | Blaine Tech | |
| 11/2/2020 | 79.74 | DRY | --- | --- | NC | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-5 Continued | 5/3/2021 | 79.74 | DRY | --- | --- | NC | Blaine Tech |
| | 11/1/2021 | 79.74 | DRY | --- | --- | NC | Blaine Tech |
| MW-SF-6 | 4/30/2007 | 79.96 | 27.44 | 27.20 | 0.24 | 52.71 | Secor |
| | 11/12/2007 | 79.96 | 27.14 | --- | --- | 52.82 | Stantec |
| | 8/12/2008 | 79.96 | 29.82 | --- | --- | 50.14 | Envent |
| | 10/17/2008 | 79.96 | 29.75 | --- | --- | 50.21 | Envent |
| | 12/18/2008 | 76.8 | 30.73 | --- | --- | 46.07 | Envent |
| | 1/15/2009 | 76.8 | 31.35 | --- | --- | 45.45 | Envent |
| | 3/24/2009 | 76.80 | 30.50 | --- | --- | 46.30 | Envent |
| | 4/21/2009 | 76.80 | 28.45 | --- | --- | 48.35 | Envent |
| | 7/21/2009 | 76.80 | 27.22 | --- | --- | 49.58 | Envent |
| | 10/19/2009 | 76.80 | NM | --- | --- | NC | Blaine Tech |
| | 11/6/2009 | 76.80 | 29.10 | --- | --- | 47.70 | Kinder Morgan |
| | 12/9/2009 | 76.80 | 31.35 | --- | --- | 45.45 | Kinder Morgan |
| | 10/4/2010 | 76.80 | 29.09 | --- | --- | 47.71 | Blaine Tech |
| | 1/10/2011 | 76.80 | 30.87 | --- | --- | 45.93 | Blaine Tech |
| | 4/11/2011 | 76.80 | 28.16 | --- | --- | 48.64 | Blaine Tech |
| | 7/11/2011 | 76.80 | NM | --- | --- | NC | |
| | 10/10/2011 | 76.80 | 28.21 | --- | --- | 48.59 | Blaine Tech |
| | 1/9/2012 | 76.80 | 29.03 | --- | --- | 47.77 | Blaine Tech |
| | 4/16/2012 | 76.80 | 29.66 | --- | --- | 47.14 | Blaine Tech |
| | 7/9/2012 | 76.80 | 31.46 | --- | --- | 45.34 | Blaine Tech |
| | 10/15/2012 | 76.80 | 31.44 | --- | --- | 45.36 | Blaine Tech |
| | 1/14/2013 | 76.80 | 31.53 | --- | --- | 45.27 | Blaine Tech |
| | 4/8/2013 | 76.80 | 30.21 | 28.81 | 1.40 | 47.71 | Blaine Tech |
| | 10/7/2013 | 76.80 | NM | --- | --- | NC | Blaine Tech |
| | 11/14/2013 | 76.80 | 31.90 | --- | --- | 44.90 | Blaine Tech |
| | 4/18/2014 | 76.80 | 33.30 | 32.15 | 1.15 | 44.42 | Blaine Tech |
| | 8/8/2014 | 76.8 | 34.50 | 33.31 | 1.19 | 43.25 | Blaine Tech |
| | 8/13/2014 | 76.8 | 32.95 | 32.54 | 0.41 | 44.18 | Blaine Tech |
| | 8/19/2014 | 76.8 | 32.87 | 32.62 | 0.25 | 44.13 | Blaine Tech |
| | 8/29/2014 | 76.8 | 32.79 | 32.56 | 0.23 | 44.19 | Blaine Tech |
| | 9/5/2014 | 76.8 | 32.81 | 32.59 | 0.22 | 44.17 | Blaine Tech |
| | 9/18/2014 | 76.8 | 32.95 | 32.65 | 0.30 | 44.09 | Blaine Tech |
| | 9/26/2014 | 76.8 | 32.94 | 32.61 | 0.33 | 44.12 | Blaine Tech |
| 10/1/2014 | 76.8 | 32.91 | 32.60 | 0.31 | 44.14 | Blaine Tech | |
| 10/6/2014 | 76.8 | 32.90 | 32.61 | 0.29 | 44.13 | Blaine Tech | |
| 10/14/2014 | 76.8 | 33.72 | 33.60 | 0.12 | 43.18 | Blaine Tech | |
| 10/23/2014 | 76.8 | 34.57 | 33.94 | 0.63 | 42.73 | Blaine Tech | |
| 10/27/2014 | 76.8 | 32.92 | 32.58 | 0.34 | 44.15 | Blaine Tech | |
| 11/18/2014 | 76.8 | 32.99 | 32.62 | 0.37 | 44.11 | Blaine Tech | |
| 11/25/2014 | 76.8 | 32.66 | 32.58 | 0.08 | 44.20 | Blaine Tech | |
| 12/12/2014 | 76.8 | 33.45 | 33.07 | 0.38 | 43.65 | Blaine Tech | |
| 12/19/2014 | 76.8 | 33.60 | 33.15 | 0.45 | 43.56 | Blaine Tech | |
| 4/20/2015 | 76.8 | 33.23 | 33.11 | 0.12 | 43.67 | Blaine Tech | |
| 10/21/2015 | 76.8 | 34.28 | --- | --- | 42.52 | Kinder Morgan | |
| 3/14/2016 | 76.8 | 38.10 | 38.08 | 0.02 | 38.72 | Blaine Tech | |
| 4/11/2016 | 76.8 | 35.83 | --- | --- | 40.97 | Blaine Tech | |
| 6/29/2016 | 76.8 | 36.89 | --- | --- | 39.91 | Blaine Tech | |
| 8/22/2016 | 76.8 | 37.11 | --- | --- | 39.69 | Blaine Tech | |
| 10/3/2016 | 76.8 | 38.45 | --- | --- | 38.35 | Blaine Tech | |
| 4/17/2017 | 76.8 | 34.03 | --- | --- | 42.77 | Blaine Tech | |
| 10/2/2017 | 76.8 | 37.89 | --- | --- | 38.91 | Blaine Tech | |
| 4/16/2018 | 76.8 | 37.65 | --- | --- | 39.15 | Blaine Tech | |
| 11/5/2018 | 76.8 | 37.70 | --- | --- | 39.10 | Blaine Tech | |
| 4/16/2019 | 76.8 | 36.13 | --- | --- | 40.67 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-6 Continued | 10/28/2019 | 76.8 | 37.41 | --- | --- | 39.39 | Blaine Tech |
| | 5/4/2020 | 76.8 | 34.90 | --- | --- | 41.90 | Blaine Tech |
| | 11/2/2020 | 76.8 | 35.35 | --- | --- | 41.45 | Blaine Tech |
| | 5/3/2021 | 76.8 | 35.86 | --- | --- | 40.94 | Blaine Tech |
| | 11/1/2021 | 76.8 | 37.50 | --- | --- | 39.30 | Blaine Tech |
| MW-SF-9 | 4/30/2007 | 74.1 | 22.66 | --- | --- | 51.44 | Secor |
| | 8/14/2007 | 74.1 | 28.73 | 28.61 | 0.12 | 45.47 | Geomatrix |
| | 8/21/2007 | 74.1 | 26.55 | --- | --- | 47.55 | Geomatrix |
| | 8/28/2007 | 74.1 | 20.55 | --- | --- | 53.55 | Stantec |
| | 9/11/2007 | 74.1 | 19.40 | --- | --- | 54.70 | Geomatrix |
| | 10/5/2007 | 74.1 | 26.84 | --- | --- | 47.26 | Geomatrix |
| | 11/2/2007 | 74.1 | 22.76 | --- | --- | 51.34 | Geomatrix |
| | 11/12/2007 | 74.1 | 22.96 | --- | --- | 51.14 | Stantec |
| | 12/21/2007 | 74.1 | 24.05 | --- | --- | 50.05 | Geomatrix |
| | 4/14/2008 | 74.1 | 24.23 | --- | --- | 49.87 | Stantec |
| | 10/13/2008 | 74.1 | 24.83 | --- | --- | 49.27 | Stantec |
| | 4/20/2009 | 74.10 | 25.27 | --- | --- | 48.83 | Blaine Tech |
| | 10/19/2009 | 74.10 | 26.45 | --- | --- | 47.65 | Blaine Tech |
| | 5/24/2010 | 74.10 | 25.80 | --- | --- | 48.30 | Blaine Tech |
| | 5/28/2010 | 74.10 | 25.66 | --- | --- | 48.44 | Blaine Tech |
| | 6/22/2010 | 74.10 | 25.84 | --- | --- | 48.26 | Blaine Tech |
| | 10/4/2010 | 74.10 | 26.10 | --- | --- | 48.00 | Blaine Tech |
| | 1/10/2011 | 74.10 | 27.41 | --- | --- | 46.69 | Blaine Tech |
| | 4/11/2011 | 74.10 | 24.16 | --- | --- | 49.94 | Blaine Tech |
| | 7/11/2011 | 74.10 | NM | --- | --- | NC | |
| | 10/10/2011 | 74.10 | 25.02 | --- | --- | 49.08 | Blaine Tech |
| | 1/9/2012 | 74.10 | 25.98 | --- | --- | 48.12 | Blaine Tech |
| | 4/16/2012 | 74.10 | 25.92 | --- | --- | 48.18 | Blaine Tech |
| | 7/9/2012 | 74.10 | 26.44 | --- | --- | 47.66 | Blaine Tech |
| | 10/15/2012 | 74.10 | NM | --- | --- | NC | Blaine Tech |
| | 4/8/2013 | 74.10 | DRY | --- | --- | NC | Blaine Tech |
| | 6/6/2013 | 74.10 | 28.53 | --- | --- | 45.57 | Blaine Tech |
| | 10/7/2013 | 74.10 | 28.95 | --- | --- | 45.15 | Blaine Tech |
| | 4/25/2014 | 74.10 | 34.75 | 27.95 | 6.80 | 44.89 | Blaine Tech |
| | 5/5/2014 | 74.10 | 37.81 | 31.76 | 6.05 | 41.22 | Nieto & Sons |
| | 5/12/2014 | 74.10 | 32.32 | 29.11 | 3.21 | 44.40 | Nieto & Sons |
| | 5/20/2014 | 74.10 | 30.75 | 29.95 | 0.80 | 44.00 | Nieto & Sons |
| | 5/27/2014 | 74.1 | 38.08 | 32.32 | 5.76 | 40.71 | Nieto & Sons |
| | 6/4/2014 | 74.1 | 32.19 | 28.61 | 3.58 | 44.83 | Nieto & Sons |
| | 6/10/2014 | 74.1 | 36.27 | 28.85 | 7.42 | 43.88 | Nieto & Sons |
| | 7/3/2014 | 74.1 | 39.26 | 32.59 | 6.67 | 40.28 | Nieto & Sons |
| 7/8/2014 | 74.1 | 36.40 | 28.60 | 7.80 | 44.06 | Blaine Tech | |
| 7/18/2014 | 74.1 | 31.04 | 29.66 | 1.38 | 44.18 | Blaine Tech | |
| 7/24/2014 | 74.1 | 31.15 | 29.85 | 1.30 | 44.01 | Blaine Tech | |
| 8/1/2014 | 74.1 | 30.25 | 29.85 | 0.40 | 44.18 | Blaine Tech | |
| 8/14/2014 | 74.1 | 30.13 | 29.82 | 0.31 | 44.22 | Blaine Tech | |
| 8/19/2014 | 74.1 | 30.08 | 29.85 | 0.23 | 44.21 | Blaine Tech | |
| 8/29/2014 | 74.1 | 30.10 | 29.81 | 0.29 | 44.24 | Blaine Tech | |
| 9/5/2014 | 74.1 | 30.13 | 29.84 | 0.29 | 44.21 | Blaine Tech | |
| 9/11/2014 | 74.1 | 29.49 | 28.47 | 1.02 | 45.44 | Blaine Tech | |
| 9/18/2014 | 74.1 | 30.29 | 29.90 | 0.39 | 44.13 | Blaine Tech | |
| 9/26/2014 | 74.1 | 30.25 | 29.84 | 0.41 | 44.18 | Blaine Tech | |
| 10/1/2014 | 74.1 | 30.24 | 29.84 | 0.40 | 44.19 | Blaine Tech | |
| 10/6/2014 | 74.1 | 30.24 | 29.83 | 0.41 | 44.19 | Blaine Tech | |
| 10/14/2014 | 74.1 | 30.12 | 29.81 | 0.31 | 44.23 | Blaine Tech | |
| 10/23/2014 | 74.1 | 30.27 | 29.85 | 0.42 | 44.17 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-9 Continued | 10/27/2014 | 74.1 | 30.29 | 29.89 | 0.40 | 44.14 | Blaine Tech |
| | 11/18/2014 | 74.1 | 30.35 | 29.86 | 0.49 | 44.15 | Blaine Tech |
| | 11/25/2014 | 74.1 | 30.42 | 29.91 | 0.51 | 44.10 | Blaine Tech |
| | 12/12/2014 | 74.1 | 30.65 | 30.10 | 0.55 | 43.90 | Blaine Tech |
| | 12/19/2014 | 74.1 | 30.80 | 30.13 | 0.67 | 43.85 | Blaine Tech |
| | 4/20/2015 | 74.1 | 36.69 | 27.67 | 9.02 | 44.76 | Blaine Tech |
| | 5/19/2015 | 74.1 | 35.68 | 26.83 | 8.85 | 45.63 | Blaine Tech |
| | 5/21/2015 | 74.1 | 32.50 | 27.31 | 5.19 | 45.83 | Northstar |
| | 5/29/2015 | 74.1 | 32.95 | 30.10 | 2.85 | 43.47 | Northstar |
| | 6/2/2015 | 74.1 | 31.67 | 30.45 | 1.22 | 43.42 | Northstar |
| | 6/5/2015 | 74.10 | 31.85 | 30.60 | 1.25 | 43.27 | Northstar |
| | 6/12/2015 | 74.10 | 31.28 | 30.75 | 0.53 | 43.25 | Northstar |
| | 6/19/2015 | 74.10 | 31.30 | 31.00 | 0.30 | 43.04 | Northstar |
| | 6/26/2015 | 74.10 | 31.20 | 29.50 | 1.70 | 44.29 | Northstar |
| | 8/11/2015 | 74.10 | 36.90 | 29.90 | 7.00 | 42.90 | Northstar |
| | 8/18/2015 | 74.10 | 35.19 | 30.25 | 4.94 | 42.94 | Northstar |
| | 8/28/2015 | 74.10 | 31.60 | 30.75 | 0.85 | 43.19 | Kinder Morgan |
| | 9/1/2015 | 74.10 | 31.78 | 30.90 | 0.88 | 43.04 | Kinder Morgan |
| | 10/16/2015 | 74.10 | 31.60 | 31.09 | 0.51 | 42.92 | Blaine Tech |
| | 10/19/2015 | 74.10 | 31.44 | 31.04 | 0.40 | 42.99 | Kinder Morgan |
| | 10/30/2015 | 74.10 | 32.60 | 32.06 | 0.54 | 41.94 | Kinder Morgan |
| | 11/17/2015 | 74.10 | 31.71 | 31.68 | 0.03 | 42.41 | Kinder Morgan |
| | 3/14/2016 | 74.10 | 34.14 | --- | --- | 39.96 | Blaine Tech |
| | 4/11/2016 | 74.10 | 32.89 | --- | --- | 41.21 | Blaine Tech |
| | 6/29/2016 | 74.10 | 34.00 | --- | --- | 40.10 | Blaine Tech |
| 5/4/2020 | 74.10 | DRY | --- | --- | NC | Blaine Tech | |
| 11/2/2020 | 74.10 | DRY | --- | --- | NC | Blaine Tech | |
| 5/3/2021 | 74.10 | DRY | --- | --- | NC | Blaine Tech | |
| 11/1/2021 | 74.10 | DRY | --- | --- | NC | Blaine Tech | |
| MW-SF-10 | 10/17/2008 | 76.53 | 27.49 | --- | --- | 49.04 | Envent |
| | 10/19/2009 | 76.53 | 28.61 | --- | --- | 47.92 | Blaine Tech |
| | 10/4/2010 | 76.53 | 28.50 | 28.36 | 0.14 | 48.14 | Blaine Tech |
| | 4/11/2011 | 76.53 | 27.41 | 27.37 | 0.04 | 49.15 | Blaine Tech |
| | 10/10/2011 | 76.53 | 27.60 | --- | --- | 48.93 | Blaine Tech |
| | 4/16/2012 | 76.53 | 28.81 | --- | --- | 47.72 | Blaine Tech |
| | 7/9/2012 | 76.53 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 76.53 | 29.27 | --- | --- | 47.26 | Blaine Tech |
| | 4/8/2013 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 10/7/2013 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 4/14/2014 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 10/27/2014 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 4/20/2015 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 10/19/2015 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 3/14/2016 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 4/11/2016 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 6/29/2016 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 8/22/2016 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 10/3/2016 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 4/17/2017 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| 10/2/2017 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2018 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |
| 11/5/2018 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2019 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |
| 10/28/2019 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |
| 11/2/2020 | 76.53 | DRY | --- | --- | NC | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|--------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-10 Continued | 5/3/2021 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| | 11/1/2021 | 76.53 | DRY | --- | --- | NC | Blaine Tech |
| MW-SF-11 | 8/14/2007 | 78.56 | 28.58 | 28.30 | 0.28 | 50.20 | Geomatrix |
| | 8/21/2007 | 78.56 | 28.76 | 28.63 | 0.13 | 49.90 | Geomatrix |
| | 8/28/2007 | 78.56 | 28.22 | --- | --- | 50.34 | Stantec |
| | 9/11/2007 | 78.56 | 26.90 | --- | --- | 51.66 | Geomatrix |
| | 10/5/2007 | 78.56 | 28.43 | --- | --- | 50.13 | Geomatrix |
| | 11/2/2007 | 78.56 | 29.48 | 29.38 | 0.10 | 49.16 | Geomatrix |
| | 11/12/2007 | 78.56 | 29.03 | --- | --- | 49.53 | Stantec |
| | 8/15/2008 | 78.56 | 30.13 | --- | --- | 48.43 | Envent |
| | 10/17/2008 | 78.56 | 30.50 | --- | --- | 48.06 | Envent |
| | 12/18/2008 | 78.56 | 29.92 | --- | --- | 48.64 | Envent |
| | 1/15/2009 | 78.56 | 30.32 | --- | --- | 48.24 | Envent |
| | 3/24/2009 | 78.56 | 31.05 | --- | --- | 47.51 | Envent |
| | 4/21/2009 | 78.56 | 30.03 | --- | --- | 48.53 | Envent |
| | 7/21/2009 | 78.56 | 30.89 | --- | --- | 47.67 | Envent |
| | 10/19/2009 | 78.56 | NM | --- | --- | NC | Blaine Tech |
| | 11/9/2009 | 78.56 | 31.00 | --- | --- | 47.56 | Kinder Morgan |
| | 9/3/2010 | 78.56 | 31.22 | --- | --- | 47.34 | Kinder Morgan |
| | 10/4/2010 | 78.56 | 30.94 | --- | --- | 47.62 | Blaine Tech |
| | 4/12/2011 | 78.56 | 30.82 | --- | --- | 47.74 | Blaine Tech |
| | 10/10/2011 | 78.56 | 30.10 | --- | --- | 48.46 | Blaine Tech |
| | 4/16/2012 | 78.56 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 78.56 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.56 | 33.28 | --- | --- | 45.28 | Blaine Tech |
| | 4/8/2013 | 78.56 | 33.11 | --- | --- | 45.45 | Blaine Tech |
| | 10/7/2013 | 78.56 | 33.91 | --- | --- | 44.65 | Blaine Tech |
| | 4/14/2014 | 78.56 | 35.20 | 34.95 | 0.25 | 43.56 | Blaine Tech |
| | 5/5/2014 | 78.56 | 36.52 | 33.71 | 2.81 | 44.29 | Nieto & Sons |
| | 5/12/2014 | 78.56 | 35.45 | 33.87 | 1.58 | 44.37 | Nieto & Sons |
| | 5/27/2014 | 78.56 | 35.38 | 34.65 | 0.73 | 43.76 | Nieto & Sons |
| | 6/4/2014 | 78.56 | 35.40 | 35.32 | 0.08 | 43.22 | Nieto & Sons |
| | 8/8/2014 | 78.56 | 36.22 | 33.11 | 3.11 | 44.83 | Blaine Tech |
| | 8/13/2014 | 78.56 | 36.22 | 33.47 | 2.75 | 44.54 | Blaine Tech |
| | 8/19/2014 | 78.56 | 36.46 | 33.94 | 2.52 | 44.12 | Blaine Tech |
| | 8/29/2014 | 78.56 | 36.68 | 33.83 | 2.85 | 44.16 | Blaine Tech |
| 9/5/2014 | 78.56 | 36.62 | 33.80 | 2.82 | 44.20 | Blaine Tech | |
| 9/11/2014 | 78.56 | 37.15 | 33.78 | 3.37 | 44.11 | Blaine Tech | |
| 9/18/2014 | 78.56 | 36.79 | 33.93 | 2.86 | 44.06 | Blaine Tech | |
| 9/26/2014 | 78.56 | 36.89 | 33.88 | 3.01 | 44.08 | Blaine Tech | |
| 10/1/2014 | 78.56 | 34.95 | 33.32 | 1.63 | 44.91 | Blaine Tech | |
| 10/6/2014 | 78.56 | 36.36 | 33.95 | 2.41 | 44.13 | Blaine Tech | |
| 10/14/2014 | 78.56 | 36.67 | 33.86 | 2.81 | 44.14 | Blaine Tech | |
| 10/23/2014 | 78.56 | 36.86 | 33.86 | 3.00 | 44.10 | Blaine Tech | |
| 10/27/2014 | 78.56 | 36.20 | 33.99 | 2.21 | 44.13 | Blaine Tech | |
| 11/3/2014 | 78.56 | 36.91 | 33.84 | 3.07 | 44.11 | Blaine Tech | |
| 11/18/2014 | 78.56 | 36.78 | 33.95 | 2.83 | 44.04 | Blaine Tech | |
| 11/25/2014 | 78.56 | 36.65 | 34.03 | 2.62 | 44.01 | Blaine Tech | |
| 12/3/2014 | 78.56 | 36.71 | 33.94 | 2.77 | 44.07 | Blaine Tech | |
| 12/12/2014 | 78.56 | 37.29 | 34.08 | 3.21 | 43.84 | Blaine Tech | |
| 12/19/2014 | 78.56 | 38.03 | 34.04 | 3.99 | 43.72 | Blaine Tech | |
| 3/17/2015 | 78.56 | 35.94 | 35.50 | 0.44 | 42.97 | Kinder Morgan | |
| 4/20/2015 | 78.56 | 38.89 | 34.86 | 4.03 | 42.89 | Kinder Morgan | |
| 10/20/2015 | 78.56 | 37.42 | 35.38 | 2.04 | 42.77 | Kinder Morgan | |
| 3/16/2016 | 78.56 | 39.56 | --- | --- | 39.00 | Kinder Morgan | |
| 4/11/2016 | 78.56 | 37.62 | --- | --- | 40.94 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-11 Continued | 6/29/2016 | 78.56 | 37.06 | --- | --- | 41.50 | Blaine Tech |
| | 8/22/2016 | 78.56 | 39.25 | --- | --- | 39.31 | Blaine Tech |
| | 10/3/2016 | 78.56 | 40.05 | --- | --- | 38.51 | Blaine Tech |
| | 3/10/2017 | 78.56 | 36.56 | --- | --- | 42.00 | CH2M |
| | 4/17/2017 | 78.56 | 35.91 | --- | --- | 42.65 | Blaine Tech |
| | 10/2/2017 | 78.56 | 40.09 | --- | --- | 38.47 | Blaine Tech |
| | 4/16/2018 | 78.56 | 39.90 | --- | --- | 38.66 | Blaine Tech |
| | 11/5/2018 | 78.56 | 39.52 | --- | --- | 39.04 | Blaine Tech |
| | 4/16/2019 | 78.56 | 38.52 | --- | --- | 40.04 | Blaine Tech |
| | 10/28/2019 | 78.56 | 39.13 | --- | --- | 39.43 | Blaine Tech |
| | 5/4/2020 | 78.56 | 36.95 | --- | --- | 41.61 | Blaine Tech |
| | 11/2/2020 | 78.56 | 37.18 | --- | --- | 41.38 | Blaine Tech |
| 5/3/2021 | 78.56 | 37.38 | --- | --- | 41.18 | Blaine Tech | |
| 11/1/2021 | 78.56 | 38.97 | --- | --- | 39.59 | Blaine Tech | |
| MW-SF-12 | 8/14/2007 | 78.07 | 27.76 | --- | --- | 50.31 | Geomatrix |
| | 8/21/2007 | 78.07 | 27.43 | --- | --- | 50.64 | Geomatrix |
| | 8/28/2007 | 78.07 | 27.58 | --- | --- | 50.49 | Stantec |
| | 9/11/2007 | 78.07 | 27.73 | --- | --- | 50.34 | Geomatrix |
| | 10/5/2007 | 78.07 | 28.06 | --- | --- | 50.01 | Geomatrix |
| | 11/2/2007 | 78.07 | 29.59 | --- | --- | 48.48 | Geomatrix |
| | 11/12/2007 | 78.07 | 28.33 | --- | --- | 49.74 | Stantec |
| | 8/12/2008 | 78.07 | 30.02 | --- | --- | 48.05 | Envent |
| | 10/17/2008 | 78.07 | 30.42 | --- | --- | 47.65 | Envent |
| | 12/18/2008 | 78.07 | 31.55 | --- | --- | 46.52 | Envent |
| | 1/15/2009 | 78.07 | 30.11 | --- | --- | 47.96 | Envent |
| | 3/24/2009 | 78.07 | 29.41 | --- | --- | 48.66 | Envent |
| | 4/21/2009 | 78.07 | 29.52 | --- | --- | 48.55 | Envent |
| | 7/21/2009 | 78.07 | 28.58 | --- | --- | 49.49 | Envent |
| | 10/19/2009 | 78.07 | NM | --- | --- | NC | Blaine Tech |
| | 11/4/2009 | 78.07 | 30.36 | --- | --- | 47.71 | Kinder Morgan |
| | 2/4/2010 | 78.07 | 29.20 | --- | --- | 48.87 | Kinder Morgan |
| | 10/4/2010 | 78.07 | 30.70 | --- | --- | 47.37 | Blaine Tech |
| | 4/11/2011 | 78.07 | 29.47 | --- | --- | 48.60 | Blaine Tech |
| | 10/10/2011 | 78.07 | 26.60 | --- | --- | 51.47 | Blaine Tech |
| | 4/16/2012 | 78.07 | 31.40 | --- | --- | 46.67 | Blaine Tech |
| | 7/9/2012 | 78.07 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.07 | 32.12 | --- | --- | 45.95 | Blaine Tech |
| | 4/8/2013 | 78.07 | DRY | --- | --- | NC | Blaine Tech |
| | 10/7/2013 | 78.07 | NM | --- | --- | NC | Blaine Tech |
| | 4/14/2014 | 78.07 | 38.04 | 32.67 | 5.37 | 44.33 | Blaine Tech |
| | 5/20/2014 | 78.07 | 37.80 | 32.90 | 4.90 | 44.19 | Nieto & Sons |
| | 5/27/2014 | 78.07 | 33.27 | --- | --- | 44.80 | Nieto & Sons |
| | 6/4/2014 | 78.07 | 32.78 | --- | --- | 45.29 | Nieto & Sons |
| | 6/10/2014 | 78.07 | 33.76 | --- | --- | 44.31 | Nieto & Sons |
| | 7/3/2014 | 78.07 | NM | 33.58 | --- | NC | Nieto & Sons |
| | 7/24/2014 | 78.07 | NM | 33.35 | 3.97 | NC | Blaine Tech |
| 8/1/2014 | 78.07 | 37.20 | 33.17 | 4.03 | 44.09 | Blaine Tech | |
| 9/5/2014 | 78.07 | 38.52 | 32.93 | 5.59 | 44.02 | Blaine Tech | |
| 9/11/2014 | 78.07 | 38.56 | 32.98 | 5.58 | 43.97 | Blaine Tech | |
| 9/18/2014 | 78.07 | 38.25 | 33.09 | 5.16 | 43.95 | Blaine Tech | |
| 9/26/2014 | 78.07 | 38.03 | 33.03 | 5.00 | 44.04 | Blaine Tech | |
| 10/1/2014 | 78.07 | 37.82 | 33.08 | 4.74 | 44.04 | Blaine Tech | |
| 10/6/2014 | 78.07 | 37.63 | 33.07 | 4.56 | 44.09 | Blaine Tech | |
| 10/14/2014 | 78.07 | 37.56 | 33.13 | 4.43 | 44.05 | Blaine Tech | |
| 10/23/2014 | 78.07 | 37.56 | 33.06 | 4.50 | 44.11 | Blaine Tech | |
| 10/27/2014 | 78.07 | 37.40 | 33.08 | 4.32 | 44.13 | Blaine Tech | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-12 Continued | 11/3/2014 | 78.07 | 37.48 | 33.09 | 4.39 | 44.10 | Blaine Tech |
| | 11/18/2014 | 78.07 | 37.44 | 33.15 | 4.29 | 44.06 | Blaine Tech |
| | 11/25/2014 | 78.07 | 37.35 | 33.21 | 4.14 | 44.03 | Blaine Tech |
| | 12/3/2014 | 78.07 | 37.31 | 33.12 | 4.19 | 44.11 | Blaine Tech |
| | 12/12/2014 | 78.07 | 37.92 | 33.45 | 4.47 | 43.73 | Blaine Tech |
| | 12/19/2014 | 78.07 | 38.25 | 33.50 | 4.75 | 43.62 | Blaine Tech |
| | 3/17/2015 | 78.07 | 36.42 | 34.05 | 2.37 | 43.55 | Kinder Morgan |
| | 4/20/2015 | 78.07 | 36.42 | 34.05 | 2.37 | 43.55 | Blaine Tech |
| | 10/20/2015 | 78.07 | 36.78 | 34.84 | 1.94 | 42.84 | Kinder Morgan |
| | 3/16/2016 | 78.07 | 39.03 | --- | --- | 39.04 | Kinder Morgan |
| | 4/11/2016 | 78.07 | 37.13 | --- | --- | 40.94 | Blaine Tech |
| | 6/29/2016 | 78.07 | 38.34 | 38.28 | 0.06 | 39.78 | Blaine Tech |
| | 8/22/2016 | 78.07 | 38.60 | --- | --- | 39.47 | Blaine Tech |
| | 10/3/2016 | 78.07 | 39.45 | --- | --- | 38.62 | Blaine Tech |
| | 3/10/2017 | 78.07 | 36.09 | --- | --- | 41.98 | CH2M |
| | 4/17/2017 | 78.07 | 35.12 | --- | --- | 42.95 | Blaine Tech |
| | 10/2/2017 | 78.07 | 39.31 | --- | --- | 38.76 | Blaine Tech |
| | 4/16/2018 | 78.07 | 39.09 | --- | --- | 38.98 | Blaine Tech |
| | 11/5/2018 | 78.07 | 38.96 | --- | --- | 39.11 | Blaine Tech |
| | 4/16/2019 | 78.07 | 37.53 | --- | --- | 40.54 | Blaine Tech |
| 10/28/2019 | 78.07 | 38.78 | --- | --- | 39.29 | Blaine Tech | |
| 5/4/2020 | 78.07 | 36.36 | --- | --- | 41.71 | Blaine Tech | |
| 11/2/2020 | 78.07 | 36.53 | --- | --- | 41.54 | Blaine Tech | |
| 5/3/2021 | 78.07 | 36.19 | --- | --- | 41.88 | Blaine Tech | |
| 11/1/2021 | 78.07 | 38.69 | --- | --- | 39.38 | Blaine Tech | |
| MW-SF-13 | 8/14/2007 | 73.40 | 22.98 | --- | --- | 50.42 | Geomatrix |
| | 8/21/2007 | 73.40 | 23.11 | --- | --- | 50.29 | Geomatrix |
| | 8/28/2007 | 73.40 | 22.85 | --- | --- | 50.55 | Stantec |
| | 9/11/2007 | 73.40 | 23.10 | --- | --- | 50.30 | Geomatrix |
| | 10/5/2007 | 73.40 | 28.11 | --- | --- | 45.29 | Geomatrix |
| | 11/2/2007 | 73.40 | 25.43 | 25.41 | 0.02 | 47.99 | Geomatrix |
| | 11/12/2007 | 73.40 | 23.70 | --- | --- | 49.70 | Stantec |
| | 12/21/2007 | 73.40 | 24.45 | 24.42 | 0.03 | 48.97 | Geomatrix |
| | 8/15/2008 | 73.40 | 27.38 | 24.11 | 3.27 | 48.47 | Envent |
| | 10/17/2008 | 73.40 | 27.28 | 24.33 | 2.95 | 48.33 | Envent |
| | 10/21/2008 | 73.40 | 27.14 | 24.26 | 2.88 | 48.42 | Envent |
| | 12/17/2008 | 73.40 | 26.21 | 24.70 | 1.51 | 48.32 | Envent |
| | 1/15/2009 | 73.40 | 26.90 | 24.80 | 2.10 | 48.08 | Envent |
| | 3/27/2009 | 73.40 | 26.46 | 25.49 | 0.97 | 47.67 | Envent |
| | 4/21/2009 | 73.40 | 24.86 | 24.78 | 0.08 | 48.60 | Envent |
| | 7/21/2009 | 73.40 | 25.72 | 25.48 | 0.24 | 47.86 | Envent |
| | 10/19/2009 | 73.40 | NM | --- | --- | NC | Blaine Tech |
| | 11/6/2009 | 73.40 | 25.72 | --- | --- | 47.68 | Kinder Morgan |
| | 2/4/2010 | 73.40 | 25.43 | 25.30 | 0.13 | 48.07 | Kinder Morgan |
| | 9/3/2010 | 73.40 | 27.40 | 25.71 | 1.69 | 47.27 | Kinder Morgan |
| | 10/4/2010 | 73.40 | 26.95 | 25.92 | 1.03 | 47.22 | Blaine Tech |
| | 4/12/2011 | 73.40 | 24.79 | 24.78 | 0.01 | 48.62 | Blaine Tech |
| | 10/10/2011 | 73.40 | 26.00 | --- | --- | 47.40 | Blaine Tech |
| | 4/16/2012 | 73.40 | 27.19 | --- | --- | 46.21 | Blaine Tech |
| | 7/9/2012 | 73.40 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 73.40 | 27.01 | --- | --- | 46.39 | Blaine Tech |
| | 4/8/2013 | 73.40 | 27.90 | --- | --- | 45.50 | Blaine Tech |
| 10/7/2013 | 73.40 | NM | --- | --- | NC | Blaine Tech | |
| 11/14/2013 | 73.40 | 29.95 | 28.25 | 1.70 | 44.73 | Blaine Tech | |
| 4/14/2014 | 73.40 | 31.36 | 28.47 | 2.89 | 44.21 | Blaine Tech | |
| 5/5/2014 | 73.40 | 31.62 | 28.49 | 3.13 | 44.13 | Nieto & Sons | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|--------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-13 Continued | 5/12/2014 | 73.40 | 30.02 | 28.88 | 1.14 | 44.24 | Nieto & Sons |
| | 5/20/2014 | 73.40 | 31.10 | 29.77 | 1.33 | 43.30 | Nieto & Sons |
| | 5/27/2014 | 73.40 | 30.17 | 29.48 | 0.69 | 43.75 | Nieto & Sons |
| | 6/4/2014 | 73.40 | 30.22 | --- | --- | 43.18 | Nieto & Sons |
| | 6/10/2014 | 73.40 | 30.20 | 29.76 | 0.44 | 43.53 | Nieto & Sons |
| | 7/3/2014 | 73.40 | 30.49 | 29.88 | 0.61 | 43.37 | Nieto & Sons |
| | 7/24/2014 | 73.40 | 30.50 | 29.54 | 0.96 | 43.62 | Blaine Tech |
| | 8/1/2014 | 73.40 | 29.82 | 29.25 | 0.57 | 44.01 | Blaine Tech |
| | 8/8/2014 | 73.40 | 34.07 | 33.71 | 0.36 | 39.60 | Blaine Tech |
| | 8/14/2014 | 73.40 | 29.96 | 29.13 | 0.83 | 44.06 | Blaine Tech |
| | 8/19/2014 | 73.40 | 29.91 | 29.15 | 0.76 | 44.06 | Blaine Tech |
| | 8/29/2014 | 73.40 | 30.15 | 29.02 | 1.13 | 44.10 | Blaine Tech |
| | 9/5/2014 | 73.40 | 30.19 | 29.08 | 1.11 | 44.04 | Blaine Tech |
| | 9/11/2014 | 73.40 | 30.66 | 28.91 | 1.75 | 44.05 | Blaine Tech |
| | 9/18/2014 | 73.40 | 30.41 | 29.15 | 1.26 | 43.94 | Blaine Tech |
| | 9/26/2014 | 73.40 | 30.18 | 29.14 | 1.04 | 44.00 | Blaine Tech |
| | 10/1/2014 | 73.40 | 30.38 | 29.05 | 1.33 | 44.02 | Blaine Tech |
| | 10/6/2014 | 73.40 | 30.10 | 29.12 | 0.98 | 44.04 | Blaine Tech |
| | 10/13/2014 | 73.40 | 30.28 | 29.07 | 1.21 | 44.03 | Blaine Tech |
| | 10/23/2014 | 73.40 | 30.72 | 28.95 | 1.77 | 44.01 | Blaine Tech |
| | 10/27/2014 | 73.40 | 30.21 | 29.06 | 1.15 | 44.05 | Blaine Tech |
| | 11/3/2014 | 73.40 | 30.62 | 28.93 | 1.69 | 44.05 | Blaine Tech |
| | 11/18/2014 | 73.40 | 30.54 | 29.11 | 1.43 | 43.93 | Blaine Tech |
| | 11/25/2014 | 73.40 | 29.48 | 29.14 | 0.34 | 44.18 | Blaine Tech |
| | 12/3/2014 | 73.40 | 31.02 | 28.93 | 2.09 | 43.95 | Blaine Tech |
| | 12/12/2014 | 73.40 | 31.05 | 29.40 | 1.65 | 43.59 | Blaine Tech |
| | 12/19/2014 | 73.40 | 31.11 | 29.40 | 1.71 | 43.57 | Blaine Tech |
| | 4/20/2015 | 73.40 | 32.44 | 29.04 | 3.40 | 43.51 | Blaine Tech |
| | 10/19/2015 | 73.40 | 35.16 | 29.31 | 5.85 | 42.63 | Blaine Tech |
| | 3/14/2016 | 73.40 | 34.72 | --- | --- | 38.68 | Blaine Tech |
| | 4/11/2016 | 73.40 | 32.28 | --- | --- | 41.12 | Blaine Tech |
| | 6/29/2016 | 73.40 | 33.62 | --- | --- | 39.78 | Blaine Tech |
| 8/22/2016 | 73.40 | 33.66 | --- | --- | 39.74 | Blaine Tech | |
| 10/3/2016 | 73.40 | 34.20 | --- | --- | 39.20 | Blaine Tech | |
| 3/24/2017 | 73.40 | 31.25 | --- | --- | 42.15 | CH2M | |
| 4/17/2017 | 73.40 | 30.40 | --- | --- | 43.00 | Blaine Tech | |
| 10/2/2017 | 73.40 | 34.52 | --- | --- | 38.88 | Blaine Tech | |
| 4/16/2018 | 73.40 | 34.26 | --- | --- | 39.14 | Blaine Tech | |
| 11/5/2018 | 73.40 | 34.43 | --- | --- | 38.97 | Blaine Tech | |
| 4/16/2019 | 73.40 | 32.29 | --- | --- | 41.11 | Blaine Tech | |
| 11/1/2019 | 73.40 | 33.76 | --- | --- | 39.64 | Blaine Tech | |
| 5/4/2020 | 73.40 | 31.52 | --- | --- | 41.88 | Blaine Tech | |
| 11/2/2020 | 73.40 | 32.05 | --- | --- | 41.35 | Blaine Tech | |
| 5/3/2021 | 73.40 | 32.48 | --- | --- | 40.92 | Blaine Tech | |
| 11/1/2021 | 73.40 | 33.82 | --- | --- | 39.58 | Blaine Tech | |
| MW-SF-14 | 8/14/2007 | 78.16 | 27.68 | --- | --- | 50.48 | Geomatrix |
| | 8/21/2007 | 78.16 | 27.60 | --- | --- | 50.56 | Geomatrix |
| | 8/28/2007 | 78.16 | 27.53 | --- | --- | 50.63 | Stantec |
| | 9/11/2007 | 78.16 | 27.66 | --- | --- | 50.50 | Geomatrix |
| | 10/5/2007 | 78.16 | 27.75 | --- | --- | 50.41 | Geomatrix |
| | 11/2/2007 | 78.16 | 29.83 | --- | --- | 48.33 | Geomatrix |
| | 11/12/2007 | 78.16 | NM | --- | --- | NC | Secor |
| | 8/15/2008 | 78.16 | 29.77 | 29.24 | 0.53 | 48.81 | Envent |
| | 10/17/2008 | 78.16 | 29.52 | 29.50 | 0.02 | 48.66 | Envent |
| | 12/18/2008 | 78.16 | 30.62 | --- | --- | 47.54 | Envent |
| 1/15/2009 | 78.16 | 30.08 | --- | --- | 48.08 | Envent | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-14 Continued | 3/24/2009 | 78.16 | 29.73 | --- | --- | 48.43 | Envent |
| | 4/21/2009 | 78.16 | 29.61 | --- | --- | 48.55 | Envent |
| | 7/21/2009 | 78.16 | 29.20 | --- | --- | 48.96 | Envent |
| | 10/19/2009 | 78.16 | NM | --- | --- | NC | Blaine Tech |
| | 11/6/2009 | 78.16 | 30.48 | --- | --- | 47.68 | Kinder Morgan |
| | 12/9/2009 | 78.16 | 30.68 | --- | --- | 47.48 | Kinder Morgan |
| | 6/22/2010 | 78.16 | 26.17 | --- | --- | 51.99 | Blaine Tech |
| | 10/4/2010 | 78.16 | 30.54 | --- | --- | 47.62 | Blaine Tech |
| | 4/12/2011 | 78.16 | 29.55 | --- | --- | 48.61 | Blaine Tech |
| | 10/10/2011 | 78.16 | 29.84 | --- | --- | 48.32 | Blaine Tech |
| | 4/16/2012 | 78.16 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 78.16 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.16 | 30.02 | --- | --- | 48.14 | Blaine Tech |
| | 4/8/2013 | 78.16 | 32.75 | --- | --- | 45.41 | Blaine Tech |
| | 5/24/2013 | 78.16 | 32.75 | --- | --- | 45.41 | Blaine Tech |
| | 9/26/2013 | 78.16 | 34.50 | 34.25 | 0.25 | 43.86 | Blaine Tech |
| | 10/7/2013 | 78.16 | NM | --- | --- | NC | Blaine Tech |
| | 11/14/2013 | 78.16 | 33.57 | 33.19 | 0.38 | 44.89 | Blaine Tech |
| | 4/14/2014 | 78.16 | 34.81 | 33.56 | 1.25 | 44.35 | Blaine Tech |
| | 8/8/2014 | 78.16 | 34.24 | 33.98 | 0.26 | 44.13 | Blaine Tech |
| | 10/14/2014 | 78.16 | 34.36 | 33.80 | 0.56 | 44.25 | Blaine Tech |
| | 10/23/2014 | 78.16 | 34.49 | 34.43 | 0.06 | 43.72 | Blaine Tech |
| | 10/27/2014 | 78.16 | 34.40 | 33.97 | 0.43 | 44.10 | Blaine Tech |
| | 11/18/2014 | 78.16 | 34.27 | 34.07 | 0.20 | 44.05 | Blaine Tech |
| | 4/20/2015 | 78.16 | 34.48 | --- | --- | 43.68 | Blaine Tech |
| | 10/21/2015 | 78.16 | 35.25 | --- | --- | 42.91 | Blaine Tech |
| | 3/14/2016 | 78.16 | 36.21 | --- | --- | 41.95 | Blaine Tech |
| | 4/11/2016 | 78.16 | 37.14 | --- | --- | 41.02 | Blaine Tech |
| | 6/29/2016 | 78.16 | 37.36 | --- | --- | 40.80 | Blaine Tech |
| | 8/22/2016 | 78.16 | DRY | --- | --- | NC | Blaine Tech |
| 10/3/2016 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 4/17/2017 | 78.16 | 35.40 | --- | --- | 42.76 | Blaine Tech | |
| 10/2/2017 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2018 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 11/5/2018 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 4/16/2019 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 10/28/2019 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 11/2/2020 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 5/3/2021 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| 11/1/2021 | 78.16 | DRY | --- | --- | NC | Blaine Tech | |
| MW-SF-15 | 8/14/2007 | 78.27 | 27.78 | 27.75 | 0.03 | 50.51 | Geomatrix |
| | 8/21/2007 | 78.27 | 27.69 | 27.65 | 0.04 | 50.61 | Geomatrix |
| | 8/28/2007 | 78.27 | 27.65 | 27.61 | 0.04 | 50.65 | Stantec |
| | 9/11/2007 | 78.27 | 27.62 | --- | --- | 50.65 | Geomatrix |
| | 10/5/2007 | 78.27 | 28.15 | --- | --- | 50.12 | Geomatrix |
| | 11/2/2007 | 78.27 | 30.45 | 30.20 | 0.25 | 48.02 | Geomatrix |
| | 11/12/2007 | 78.27 | 28.75 | --- | --- | 49.52 | Stantec |
| | 8/15/2008 | 78.27 | 30.12 | 29.35 | 0.77 | 48.77 | Envent |
| | 10/17/2008 | 78.27 | 30.80 | 29.44 | 1.36 | 48.56 | Envent |
| | 10/21/2008 | 78.27 | 30.80 | 29.31 | 1.49 | 48.66 | Envent |
| | 12/18/2008 | 78.27 | 32.11 | 30.56 | 1.55 | 47.40 | Envent |
| | 1/15/2009 | 78.27 | 31.75 | 29.70 | 2.05 | 48.16 | Envent |
| | 3/24/2009 | 78.27 | 30.32 | 29.93 | 0.39 | 48.26 | Envent |
| 4/21/2009 | 78.27 | 29.96 | 29.60 | 0.36 | 48.60 | Envent | |
| 7/21/2009 | 78.27 | 30.45 | --- | --- | 47.82 | Envent | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-15 Continued | 10/19/2009 | 78.27 | NM | --- | --- | NC | Blaine Tech |
| | 11/4/2009 | 78.27 | 31.10 | 30.45 | 0.36 | 47.46 | Kinder Morgan |
| | 12/9/2009 | 78.27 | 30.87 | --- | --- | 47.40 | Kinder Morgan |
| | 10/4/2010 | 78.27 | 30.66 | 30.65 | 0.01 | 47.62 | Blaine Tech |
| | 4/12/2011 | 78.27 | 30.50 | 29.40 | 1.10 | 48.65 | Blaine Tech |
| | 10/10/2011 | 78.27 | 29.60 | --- | --- | 48.67 | Blaine Tech |
| | 12/2/2011 | 78.27 | 31.40 | 30.05 | 1.35 | 47.95 | Blaine Tech |
| | 4/16/2012 | 78.27 | 32.48 | 32.39 | 0.09 | 45.86 | Blaine Tech |
| | 7/9/2012 | 78.27 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.16 | 33.04 | --- | --- | 45.12 | Blaine Tech |
| | 4/8/2013 | 78.27 | 33.90 | --- | --- | 44.37 | Blaine Tech |
| | 5/24/2013 | 78.27 | 33.90 | --- | --- | 44.37 | Blaine Tech |
| | 10/7/2013 | 78.27 | NM | --- | --- | NC | Blaine Tech |
| | 11/14/2013 | 78.27 | 33.41 | 33.38 | 0.03 | 44.88 | Blaine Tech |
| | 4/18/2014 | 78.27 | 33.85 | --- | --- | 44.42 | Blaine Tech |
| | 8/8/2014 | 78.27 | 34.87 | 33.96 | 0.91 | 44.13 | Blaine Tech |
| | 8/13/2014 | 78.27 | 34.89 | 33.95 | 0.94 | 44.13 | Blaine Tech |
| | 8/19/2014 | 78.27 | 34.90 | 33.94 | 0.96 | 44.14 | Blaine Tech |
| | 8/29/2014 | 78.27 | 35.65 | 35.38 | 0.27 | 42.84 | Blaine Tech |
| | 10/27/2014 | 78.27 | 35.82 | --- | --- | 42.45 | Blaine Tech |
| | 4/20/2015 | 78.27 | 36.63 | 34.12 | 2.51 | 43.65 | Blaine Tech |
| | 10/19/2015 | 78.27 | 37.90 | 34.87 | 3.03 | 42.79 | Blaine Tech |
| | 11/17/2015 | 78.27 | 37.71 | 35.36 | 2.35 | 42.44 | Kinder Morgan |
| | 3/14/2016 | 78.27 | 39.70 | --- | --- | 38.57 | Blaine Tech |
| | 4/11/2016 | 78.27 | 37.24 | --- | --- | 41.03 | Blaine Tech |
| | 6/29/2016 | 78.27 | 38.70 | --- | --- | 39.57 | Blaine Tech |
| | 8/22/2016 | 78.27 | 38.78 | --- | --- | 39.49 | Blaine Tech |
| | 10/3/2016 | 78.27 | 39.56 | --- | --- | 38.71 | Blaine Tech |
| | 3/23/2017 | 78.27 | 36.10 | --- | --- | 42.17 | CH2M |
| | 4/17/2017 | 78.27 | 35.39 | --- | --- | 42.88 | Blaine Tech |
| | 10/2/2017 | 78.27 | 39.40 | --- | --- | 38.87 | Blaine Tech |
| | 4/16/2018 | 78.27 | 39.10 | --- | --- | 39.17 | Blaine Tech |
| 11/5/2018 | 78.27 | 39.00 | --- | --- | 39.27 | Blaine Tech | |
| 4/23/2019 | 78.27 | 36.15 | --- | --- | 42.12 | Blaine Tech | |
| 10/28/2019 | 78.27 | 38.92 | --- | --- | 39.35 | Blaine Tech | |
| 5/4/2020 | 78.27 | 36.37 | --- | --- | 41.90 | Blaine Tech | |
| 11/2/2020 | 78.27 | 36.72 | --- | --- | 41.55 | Blaine Tech | |
| 5/3/2021 | 78.27 | 37.53 | --- | --- | 40.74 | Blaine Tech | |
| 11/1/2021 | 78.27 | 38.82 | --- | --- | 39.45 | Blaine Tech | |
| MW-SF-16 | 8/14/2007 | 78.21 | 27.68 | --- | --- | 50.53 | Geomatrix |
| | 8/21/2007 | 78.21 | 27.33 | --- | --- | 50.88 | Geomatrix |
| | 8/28/2007 | 78.21 | 27.51 | --- | --- | 50.70 | Stantec |
| | 9/11/2007 | 78.21 | 27.59 | --- | --- | 50.62 | Geomatrix |
| | 10/5/2007 | 78.21 | 28.10 | --- | --- | 50.11 | Geomatrix |
| | 11/2/2007 | 78.21 | 29.81 | --- | --- | 48.40 | Geomatrix |
| | 11/12/2007 | 78.21 | 28.40 | --- | --- | 49.81 | Stantec |
| | 8/15/2008 | 78.21 | 29.36 | --- | --- | 48.85 | Envent |
| | 10/17/2008 | 78.21 | 29.51 | --- | --- | 48.70 | Envent |
| | 12/18/2008 | 78.21 | 30.94 | --- | --- | 47.27 | Envent |
| | 1/15/2009 | 78.21 | 30.01 | 30.00 | 0.01 | 48.21 | Envent |
| | 3/24/2009 | 78.21 | 29.82 | --- | --- | 48.39 | Envent |
| | 4/21/2009 | 78.21 | 29.60 | --- | --- | 48.61 | Envent |
| | 7/21/2009 | 78.21 | 30.36 | --- | --- | 47.85 | Envent |
| | 10/19/2009 | 78.21 | NM | --- | --- | NC | Blaine Tech |
| 11/4/2009 | 78.21 | 30.58 | --- | --- | 47.63 | Kinder Morgan | |
| 2/4/2010 | 78.21 | 30.36 | --- | --- | 47.85 | Kinder Morgan | |

Table 4. Groundwater and Product Measurements, and Elevations for Total Fluids, Groundwater, and Soil Vapor Extraction Wells

SFPP Norwalk Pump Station, Norwalk, California

| Well ID | Date Gauged | Top of Well Casing Elevation | Measured Depth to Groundwater | Measured Depth to Product | Apparent Product Thickness | Corrected Groundwater Elevation | Gauged By |
|-----------------------|-------------|------------------------------|-------------------------------|---------------------------|----------------------------|---------------------------------|---------------|
| | | (feet msl) | (feet btoc) | (feet btoc) | (feet) | (feet msl) | |
| MW-SF-16 continued | 9/3/2010 | 78.21 | 30.25 | --- | --- | 47.96 | Kinder Morgan |
| | 10/4/2010 | 78.21 | 30.49 | --- | --- | 47.72 | Blaine Tech |
| | 4/12/2011 | 78.21 | 29.52 | --- | --- | 48.69 | Blaine Tech |
| | 10/10/2011 | 78.21 | 29.85 | --- | --- | 48.36 | Blaine Tech |
| | 4/16/2012 | 78.21 | NM | --- | --- | NC | Blaine Tech |
| | 7/9/2012 | 78.21 | NM | --- | --- | NC | Blaine Tech |
| | 10/15/2012 | 78.21 | 32.47 | --- | --- | 45.74 | Blaine Tech |
| | 4/8/2013 | 78.21 | 32.97 | 32.73 | 0.24 | 45.43 | Blaine Tech |
| | 5/24/2013 | 78.21 | 32.97 | 32.73 | 0.24 | 45.43 | Blaine Tech |
| | 10/7/2013 | 78.21 | NM | --- | --- | NC | Blaine Tech |
| | 11/14/2013 | 78.21 | 33.80 | 33.21 | 0.59 | 44.88 | Blaine Tech |
| | 4/18/2014 | 78.21 | 34.20 | 33.65 | 0.55 | 44.45 | Blaine Tech |
| | 8/8/2014 | 78.21 | 34.06 | 34.05 | 0.01 | 44.16 | Blaine Tech |
| | 10/27/2014 | 78.21 | 34.25 | --- | --- | 43.96 | Blaine Tech |
| | 4/20/2015 | 78.21 | 34.52 | --- | --- | 43.69 | Blaine Tech |
| | 6/8/2015 | 78.21 | 35.17 | 35.00 | 0.17 | 43.18 | Blaine Tech |
| | 10/21/2015 | 78.21 | 34.56 | --- | --- | 43.65 | Kinder Morgan |
| | 3/14/2016 | 78.21 | 39.60 | --- | --- | 38.61 | Blaine Tech |
| | 4/11/2016 | 78.21 | 37.15 | --- | --- | 41.06 | Blaine Tech |
| | 6/29/2016 | 78.21 | 38.35 | --- | --- | 39.86 | Blaine Tech |
| | 8/22/2016 | 78.21 | 38.51 | --- | --- | 39.70 | Blaine Tech |
| | 10/3/2016 | 78.21 | 39.35 | --- | --- | 38.86 | Blaine Tech |
| | 4/17/2017 | 78.21 | 35.20 | --- | --- | 43.01 | Blaine Tech |
| | 10/2/2017 | 78.21 | DRY | --- | --- | NC | Blaine Tech |
| | 4/16/2018 | 78.21 | DRY | --- | --- | NC | Blaine Tech |
| | 11/5/2018 | 78.21 | DRY | --- | --- | NC | Blaine Tech |
| 4/16/2019 | 78.21 | DRY | --- | --- | NC | Blaine Tech | |
| 10/28/2019 | 78.21 | DRY | --- | --- | NC | Blaine Tech | |
| 5/4/2020 | 78.21 | DRY | --- | --- | NC | Blaine Tech | |
| 11/2/2020 | 78.21 | DRY | --- | --- | NC | Blaine Tech | |
| 5/3/2021 | 78.21 | DRY | --- | --- | NC | Blaine Tech | |
| 11/1/2021 | 78.21 | DRY | --- | --- | NC | Blaine Tech | |

Notes:

Corrected groundwater elevations are based on specific gravity data collected during baildown testing, or a default value of 0.8 foot msl was used for wells not tested.

--- = not detected or not applicable

DRY = no measurable water observed in the well

feet btoc = feet below top of casing

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

NC = not calculated

NM = not measured

Table 5. Vapor Remediation System Operation Summary
SFPP Norwalk Pump Station, Norwalk, California

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Influent PID Reading (ppmv as hexane) | System Flow (scfm) | Header Vacuum (in. H ₂ O) | Mass Removed (pounds) ^a |
|---------------------------------|---------------------------------------|--|---------------------------------------|--------------------|--------------------------------------|------------------------------------|
| 1995 Totals | 1,240 | | -- | -- | -- | 281,065 |
| 1996 Totals | 7,208 | 5,968 | -- | -- | -- | 516,717 |
| 1997 Totals | 12,865 | 5,657 | -- | -- | -- | 435,631 |
| 1998 Totals | 17,877 | 5,012 | -- | -- | -- | 276,950 |
| 1999 Totals | 23,600 | 5,723 | -- | -- | -- | 390,836 |
| 2000 Totals | 29,690 | 6,090 | -- | -- | -- | 359,092 |
| 2001 Totals | 33,671 | 3,981 | -- | -- | -- | 224,091 |
| 2002 Totals | 36,358 | 2,687 | -- | -- | -- | 79,363 |
| 2003 Totals | 39,676 | 3,319 | -- | -- | -- | 64,671 |
| 2004 Totals | 44,193 | 4,517 | -- | -- | -- | 120,240 |
| 2005 Totals | 49,750 | 5,557 | -- | -- | -- | 212,175 |
| 2006 Totals | 52,735 | 2,985 | -- | -- | -- | 17,263 |
| 2007 Totals | 58,319 | 2,058 | -- | -- | -- | 7,378 |
| 2008 Totals | 64,233 | 5,915 | -- | -- | -- | 5,878 |
| 2009 Totals | 68,858 | 4,625 | -- | -- | -- | 9,387 |
| 2010 Totals | 72,369 | 3,511 | -- | -- | -- | 1,502 |
| 2011 Totals | 77,489 | 5,120 | -- | -- | -- | 14,664 |
| 2012 Totals | 84,173 | 6,684 | -- | -- | -- | 22,260 |
| 2013 Totals | 90,414 | 6,241 | -- | -- | -- | 90,880 |
| 2014 Totals | 94,083 | 3,688 | -- | -- | -- | 67,744 |
| 2015 Totals | 98,408 | 4,325 | -- | -- | -- | 122,706 |
| 2016 Totals | 104,405 | 7,694 | -- | -- | -- | 156,193 |
| 2017 Totals | 108,262 | 3,857 | -- | -- | -- | 42,194 |
| 2018 Totals | 115,346 | 7,084 | -- | -- | -- | 38,999 |
| 2019 Totals | 122,413 | 7,067 | -- | -- | -- | 19,583 |
| 2020 Totals | 127,703 | 1,675 | -- | -- | -- | 32,070 |
| 1/1/2021 | 127,773 | 70 | -- | -- | -- | -- |
| 1/5/2021 | 127,872 | 99 | 252 | 1,411 | 50 | 425 |
| 1/12/2021 | 128,040 | 168 | 196 | 1,513 | 50 | 601 |
| 1/19/2021 | 128,210 | 170 | 146 | 1,559 | 50 | 467 |
| 1/26/2021 | 128,376 | 166 | 96 | 1,458 | 50 | 280 |
| 2/2/2021 | 128,543 | 167 | 116 | 1,508 | 50 | 352 |
| 2/9/2021 | 128,711 | 168 | 108 | 1,464 | 50 | 320 |
| 2/16/2021 | 128,878 | 167 | 146 | 1,435 | 50 | 422 |
| 2/23/2021 | 129,023 | 145 | 138 | 1,391 | 50 | 336 |
| 3/2/2021 | 129,164 | 141 | 134 | 1,319 | 50 | 301 |
| 3/9/2021 | 129,334 | 170 | 126 | 1,491 | 50 | 385 |
| 3/16/2021 | 129,501 | 167 | 108 | 1,354 | 50 | 295 |
| 3/23/2021 | 129,668 | 167 | 126 | 1,481 | 50 | 376 |
| 3/30/2021 | 129,835 | 167 | 108 | 1,604 | 50 | 349 |
| First Quarter 2021 Total | 129,835 | 2,132 | -- | -- | -- | 4,908 |

Table 5. Vapor Remediation System Operation Summary
SFPP Norwalk Pump Station, Norwalk, California

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Influent PID Reading (ppmv as hexane) | System Flow (scfm) | Header Vacuum (in. H ₂ O) | Mass Removed (pounds) ^a |
|----------------------------------|---------------------------------------|--|---------------------------------------|--------------------|--------------------------------------|------------------------------------|
| 4/6/2021 | 130,004 | 169 | 184 | 1,609 | 50 | 447 |
| 4/13/2021 | 130,141 | 137 | 268 | 1,561 | 50 | 528 |
| 4/20/2021 | 130,306 | 165 | 402 | 1,483 | 56 | 703 |
| 4/29/2021 | 130,526 | 220 | 288 | 1,960 | 55 | 911 |
| 5/4/2021 | 130,647 | 121 | 448 | 1,602 | 56 | 1,047 |
| 5/11/2021 | 130,812 | 165 | 394 | 1,626 | 56 | 1,275 |
| 5/18/2021 | 130,978 | 166 | 318 | 1,835 | 55 | 1,168 |
| 5/25/2021 | 131,147 | 169 | 914 | 1,760 | 55 | 3,279 |
| 6/1/2021 | 131,314 | 167 | 1,314 | 1,479 | 55 | 3,914 |
| 6/8/2021 | 131,485 | 171 | 1,040 | 1,445 | 55 | 3,099 |
| 6/15/2021 | 131,651 | 166 | 498 | 1,799 | 55 | 1,046 |
| 6/22/2021 | 131,820 | 169 | 398 | 1,806 | 55 | 761 |
| 6/29/2021 | 131,987 | 167 | 210 | 1,797 | 55 | 367 |
| Second Quarter 2021 Total | 131,987 | 2,152 | -- | -- | -- | 18,546 |
| 7/6/2021 | 132,152 | 165 | 336 | 1,644 | 55 | 671 |
| 7/13/2021 | 132,319 | 167 | 330 | 1,524 | 55 | 727 |
| 7/21/2021 | 132,511 | 192 | 284 | 1,688 | 55 | 797 |
| 7/27/2021 | 132,657 | 146 | 279 | 1,747 | 55 | 443 |
| 8/3/2021 | 132,824 | 167 | 214 | 1,700 | 55 | 318 |
| 8/12/2021 | 132,943 | 119 | 104 | 1,838 | 55 | 161 |
| 8/24/2021 | 133,023 | 80 | 62 | 1,794 | 55 | 63 |
| 8/31/2021 | 133,187 | 164 | 180 | 1,663 | 55 | 361 |
| 9/7/2021 | 133,354 | 167 | 68 | 1,671 | 55 | 141 |
| 9/14/2021 | 133,523 | 169 | 138 | 1,620 | 55 | 280 |
| 9/21/2021 | 133,693 | 170 | 246 | 1,603 | 55 | 497 |
| 9/30/2021 | 133,909 | 216 | 172 | 1,579 | 55 | 435 |
| Third Quarter 2021 Total | 133,909 | 1,922 | -- | -- | -- | 4,894 |
| 10/5/2021 | 134,027 | 118 | 214 | 1,740 | 55 | 326 |
| 10/12/2021 | 134,195 | 168 | 204 | 1,774 | 55 | 451 |
| 10/19/2021 | 134,361 | 166 | 226 | 1,756 | 55 | 488 |
| 10/26/2021 | 134,524 | 163 | 218 | 1,681 | 55 | 443 |
| 11/9/2021 | 134,620 | 96 | 184 | 1,627 | 55 | 176 |
| 11/16/2021 | 134,786 | 166 | 209 | 1,603 | 55 | 328 |
| 11/23/2021 | 134,957 | 171 | 222 | 1,740 | 55 | 389 |
| 11/30/2021 | 135,118 | 161 | 112 | 1,669 | 55 | 170 |
| 12/2/2021 | 135,166 | 48 | 225 | 1,668 | 56 | 97 |
| 12/7/2021 | 135,282 | 116 | 120 | 1,676 | 55 | 131 |
| 12/14/2021 | 135,446 | 164 | 116 | 1,668 | 55 | 181 |
| 12/21/2021 | 135,613 | 167 | 146 | 1,754 | 55 | 308 |
| 12/28/2021 | 135,778 | 165 | 104 | 1,548 | 55 | 143 |
| Fourth Quarter 2021 Total | 135,778 | 1,869 | -- | -- | -- | 3,630 |

Table 5. Vapor Remediation System Operation Summary*SFPP Norwalk Pump Station, Norwalk, California*

| System Inspection Date | Cumulative Hours of Operation (hours) | Incremental Hours of Operation (hours) | Influent PID Reading (ppmv as hexane) | System Flow (scfm) | Header Vacuum (in. H ₂ O) | Mass Removed (pounds) ^a |
|---------------------------------|---------------------------------------|--|---------------------------------------|--------------------|--------------------------------------|------------------------------------|
| 1/6/2022 | 135,847 | 69 | 52 | 1,840 | 55 | 56 |
| 1/13/2022 | 136,011 | 164 | 116 | 1,659 | 55 | 181 |
| 1/18/2022 | 136,130 | 119 | 116 | 1,509 | 55 | 73 |
| 1/25/2022 | 136,299 | 169 | 112 | 1,656 | 55 | 176 |
| 2/1/2022 | 136,466 | 167 | 126 | 1,532 | 55 | 198 |
| 2/8/2022 | 136,619 | 153 | 125 | 1,531 | 55 | 189 |
| 2/15/2022 | 136,786 | 167 | 92 | 1,565 | 55 | 142 |
| 2/22/2022 | 136,952 | 166 | 74 | 1,468 | 55 | 114 |
| 3/1/2022 | 137,121 | 169 | 58 | 1,701 | 55 | 110 |
| 3/8/2022 | 137,288 | 167 | 70 | 1,823 | 55 | 145 |
| 3/17/2022 | 137,501 | 213 | 62 | 1,664 | 55 | 143 |
| 3/22/2022 | 137,621 | 120 | 66 | 1,752 | 55 | 93 |
| 3/29/2022 | 137,790 | 169 | 84 | 1,788 | 55 | 167 |
| First Quarter 2022 Total | 137,790 | 2,012 | -- | -- | -- | 1,785 |
| Cumulative Totals | 137,790 | -- | -- | -- | -- | 3,643,293 |

Notes:

^a The total mass removed is based on influent FID or PID readings, hours of operation, and flow rate.

-- = not applicable or not available

FID = flame ionization detector

in. H₂O = inches of water

PID = photoionization detector

ppmv = parts per million by volume

scfm = standard cubic feet per minute

TPH-g = total petroleum hydrocarbons quantified as gasoline (C₄ to C₁₂)

Figures

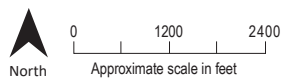
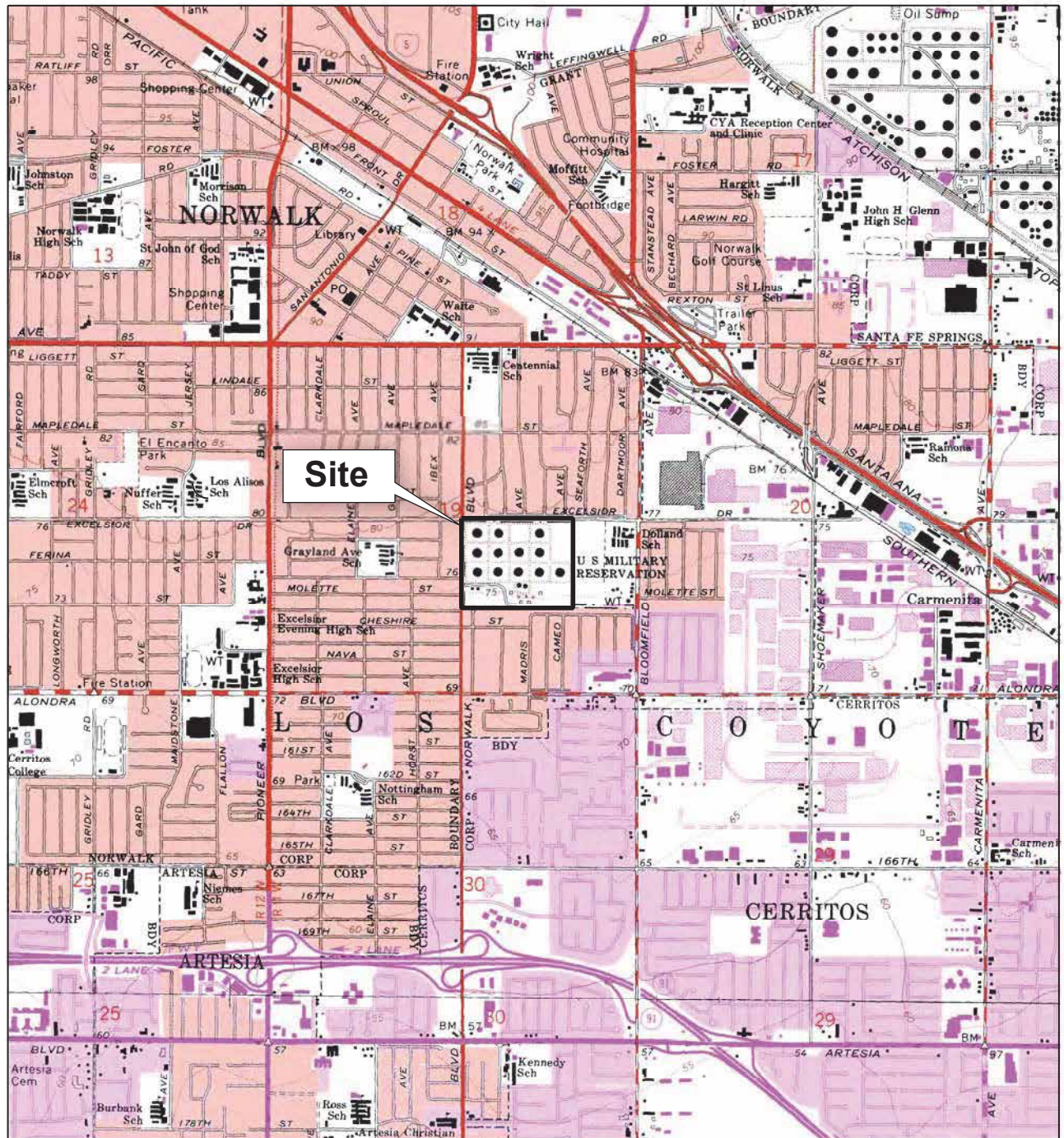
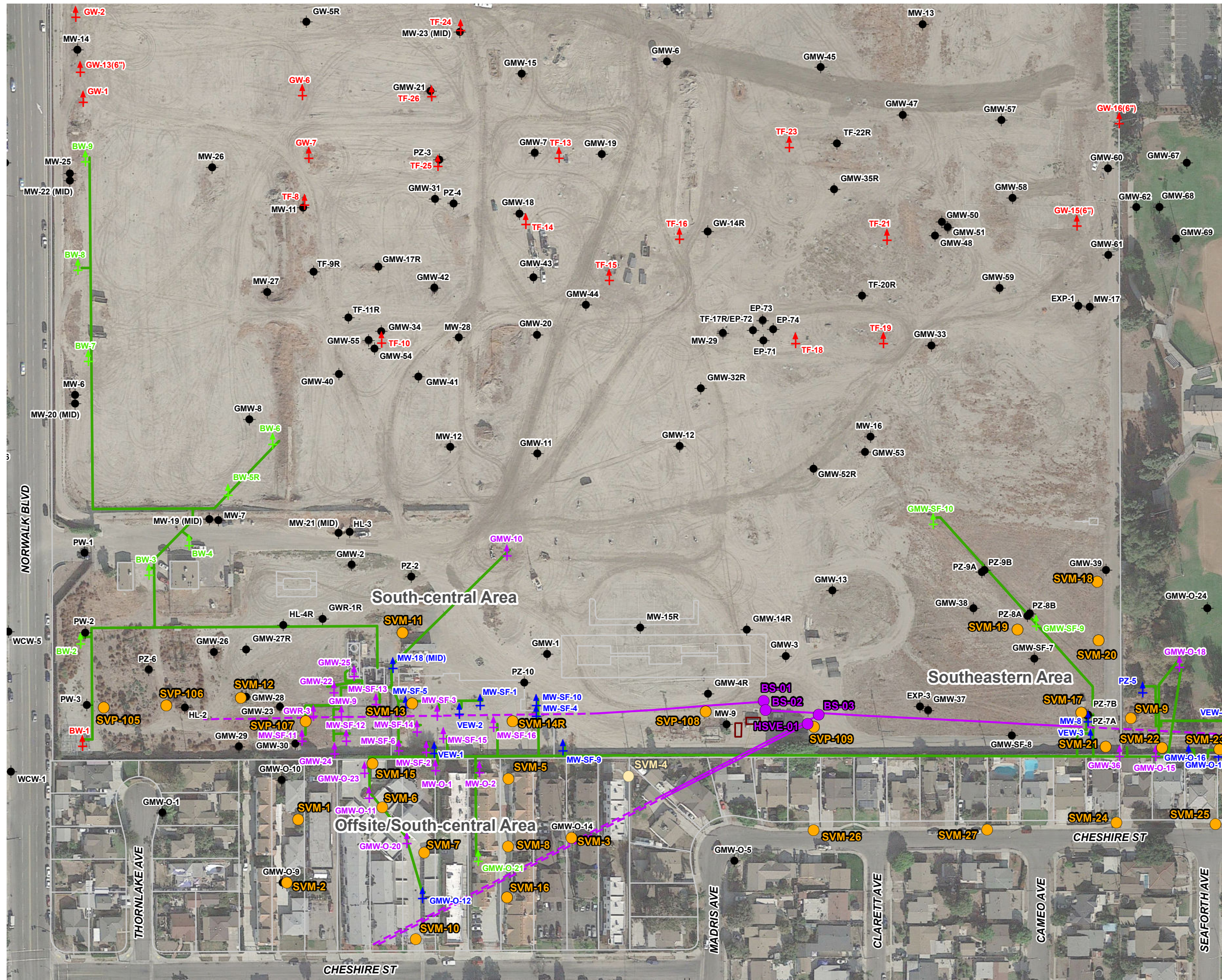


Figure 1. Site Location Map
 SFPP Norwalk Pump Station
 Norwalk, California

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.

Jacobs



- LEGEND**
- Soil Vapor Probe/Soil Vapor Monitoring Probe
 - Destroyed Soil Vapor Probe/Soil Vapor Monitoring Probe
 - Horizontal Biosparge Well Entry Point
 - Existing Groundwater Monitoring Well
 - + Existing Remediation Well
 - + Kinder Morgan Combined Soil Vapor and Total Fluids Extraction Wells
 - + Kinder Morgan Soil Vapor Extraction Wells
 - + Kinder Morgan Total Fluids and/or Groundwater Extraction Wells
 - Kinder Morgan Remediation Piping Layout (Above Ground and Below Ground)
 - - - Horizontal Biosparge Well (Dashed Line Depicts Approximate Lateral Extent of Well Screen)
 - Air Compressor System

Imagery Source:
Google Earth December 3, 2017.

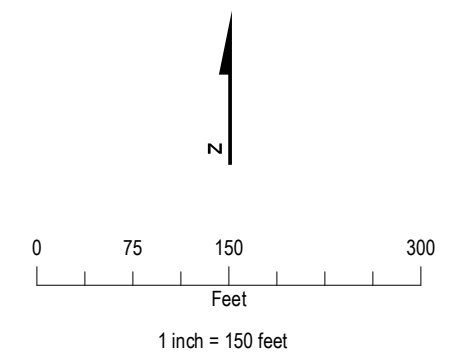
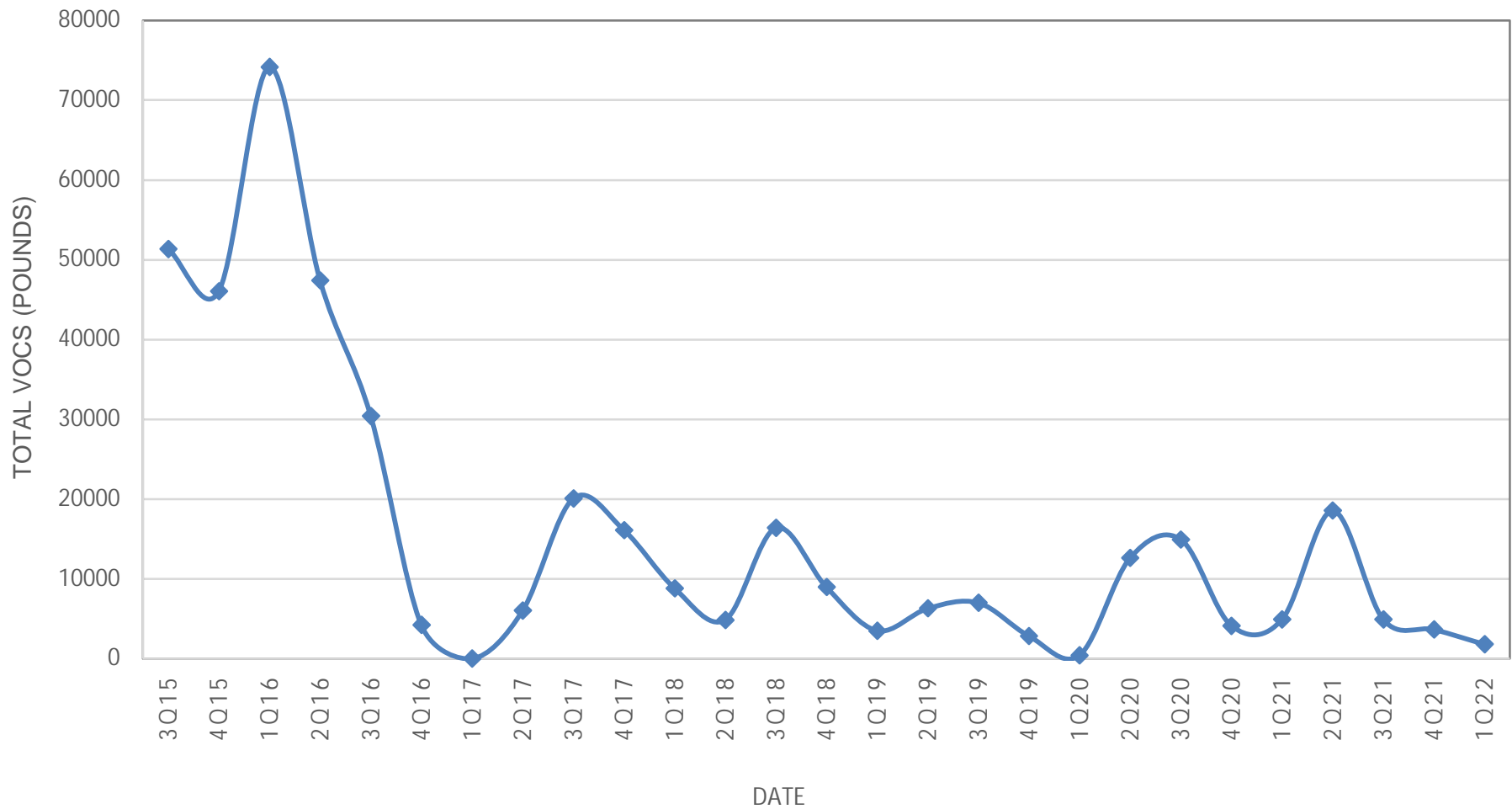
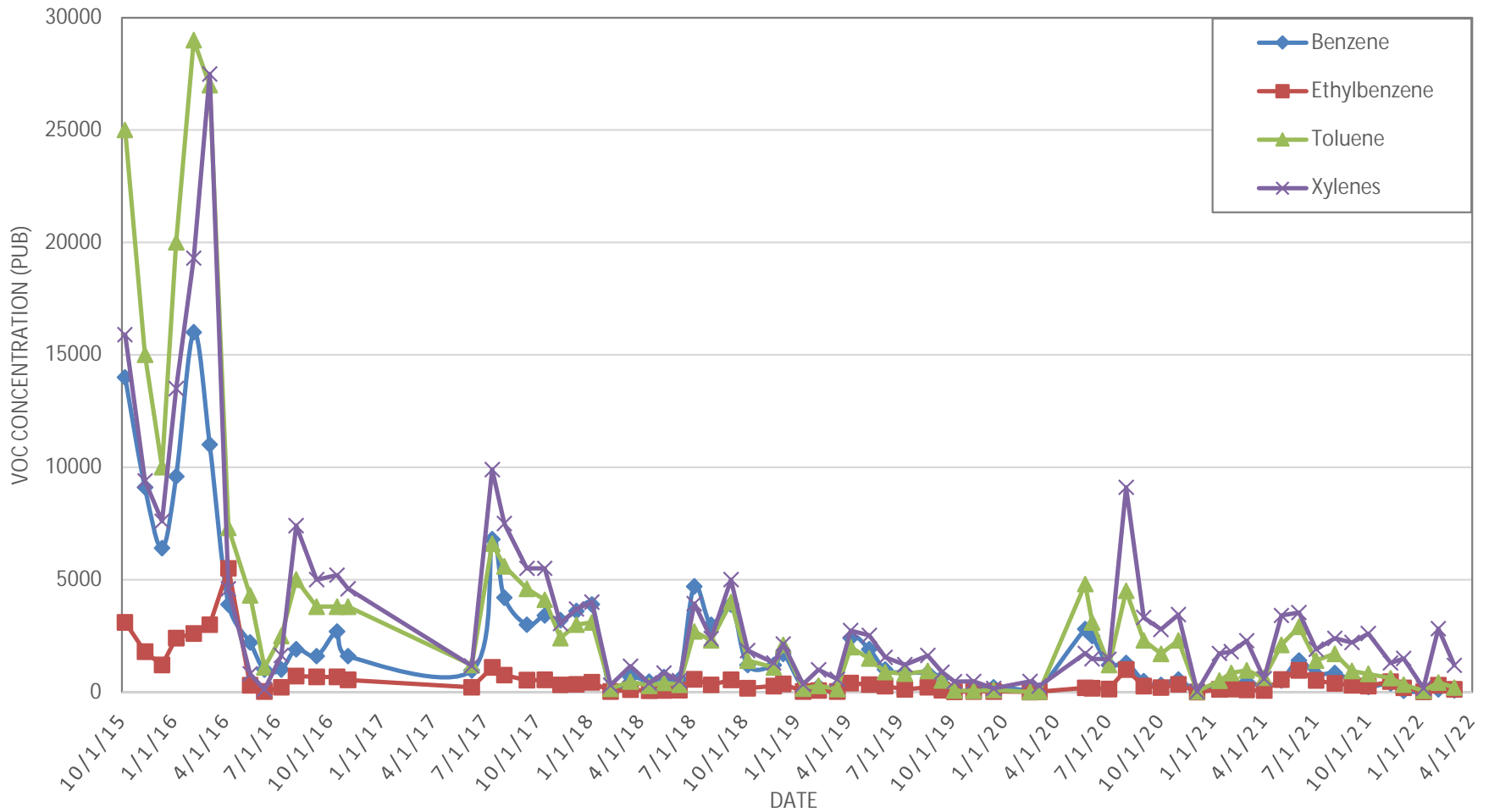


Figure 2. Remediation System Layout
SFPP Norwalk Pump Station
Norwalk, California



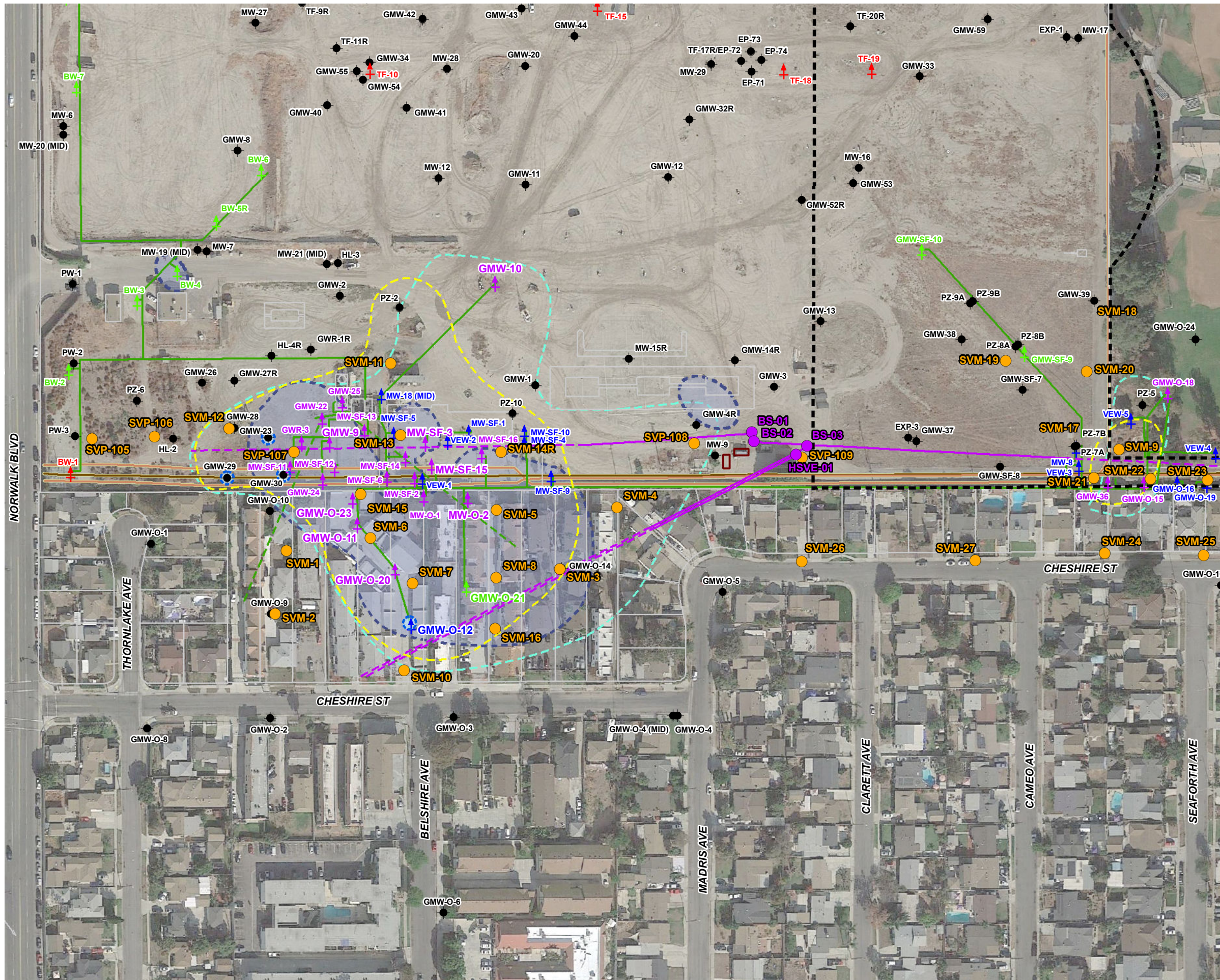
Note:
 VOC = volatile organic compound

**Figure 3. Mass of VOCs Removed Quarterly
 by the Soil Vapor Extraction System
 SFPP Norwalk Pump Station
 Norwalk, California**



Note:
 VOC = volatile organic compound

Figure 4. Influent VOC Concentrations into the Soil Vapor Extraction System
 SFPP Norwalk Pump Station
 Norwalk, California



LEGEND

- Soil Vapor Probe/Soil Vapor Monitoring Probe
- Horizontal Biosparging Well Entry Point
- Existing Groundwater Monitoring Well
- ↑ Existing Remediation Well
- ↑ Kinder Morgan Combined Soil Vapor and Total Fluids Extraction Wells
- ↑ Kinder Morgan Soil Vapor Extraction Wells
- ↑ Kinder Morgan Total Fluids and/or Groundwater Extraction Wells
- Kinder Morgan Remediation Piping Layout (Above Ground and Below Ground)
- - - Horizontal Vapor Extraction Well Piping
- - - Horizontal Biosparging Well (Dashed Line Depicts Approximate Lateral Extent of Well Screen)
- - - Inferred Historical Extent of LNAPL Zone (Smear Zone) from LNAPL Characterization Work Plan (AMEC Geomatrix, 2010)
- Air Compressor System
- 16" Pipeline (approximate)
- 24" Pipeline (approximate)
- Eastern 15-Acre Property Boundary
- Intermittent NAPL (2021)
- Estimated Extent of Dissolved Benzene > 5 µg/L (2013)
- Estimated Extent of Dissolved Benzene > 5 µg/L (2021)

Imagery Source:
Google Earth December 3, 2017.

Note:
Trap locations will be selected based on the preliminary LI-COR results at ~10 locations.

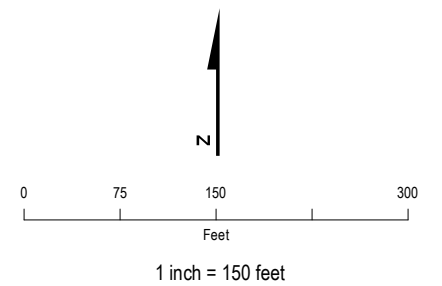


Figure 5. Current and Historical Extent of Dissolved Phase and LNAPL
SFPP Norwalk Pump Station
Norwalk, California

Appendix A
Laboratory Analytical Reports



January 26, 2022

Jacobs
ATTN: Eric Davis
1000 Wilshire Blvd., Suite 2100
Los Angeles, CA 90017



LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
ASTM D1946, RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

UT Cert CA013332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

LABORATORY TEST RESULTS

Project Reference: SFPP Norwalk
Lab Number: N010702-01/04

Enclosed are results for sample(s) received 1/07/22 by Air Technology Laboratories. Samples were received intact. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Due to instrumentation issues, EPA TO15 was subcontracted to Enthalpy Analytical 1/18/22 with client consent. Their report is attached in its entirety.
- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Eric Davis, Nils Orliczky and Danny Hill on 1/26/22.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Johnson".

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

N010702-6/04

Air Technology Laboratories, Inc.
18501 Gale Ave. #130
City of Industry, CA 91748
Tel: 626-964-4032
Joann De La Ossa (JDeLaOssa@airtechlabs.com)

CHAIN OF CUSTODY RECORD
DATE: 1-6-22
PAGE: 1 of 1

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| Section A Required Client Information: | | Section B Required Project Information: | | Section C Invoice Information: | | Section D Sampler Information: | |
| Company: Jacobs Attention: Eric Davis | | Report To: Eric Davis | | Attention: Eric Davis | | Sampler Name: Nils Orliczky | |
| Address: 1000 Wilshire Blvd. Suite 2100 Los Angeles, CA 90017 | | Copy To: Court Reece | | Company: Jacobs | | Sampler Signature: [Signature] | |
| Email To: eric.davis@jacobs.com | | Purchase Order No.: | | Address: 1000 Wilshire Blvd. Suite 2100 Los Angeles, CA 90017 | | Sample Date: 1-6-22 | |
| Phone: 404-323-1600 Fax: | | Project Name: SFPP Norwalk | | Project Manager: Joann De La Ossa | | | |

| ITEM # | SAMPLE ID | LOCATION/ DESCRIPTION | MATRIX | SAMPLE TYPE (GGRAB C-COMP) | CONTAINER TYPE | | TOTAL # OF CONTAINERS | Analysis Test | | | Comments | |
|--------|---------------|------------------------------|--------|----------------------------|-----------------|-------------|-----------------------|-----------------------------|-------------------------------|--------------------------------------|----------|--|
| | | | | | # OF CONTAINERS | VOLUME (mL) | | TO-3 (Total VOCs as Hexane) | TO-15 (VOCs, Target Analytes) | ASTM-D-1946 (O2/Argon, CO2, CH4, H2) | | |
| | | PRESERVATIVE | | SAMPLING | | | | | | | | |
| | | DATE | TIME | | | | | | | | | |
| 1 | VEFF-010622 | Effluent (stack) | Vapor | G | | | 1 | X | X | | | Individually Certified 6-Liter SUMMA CAN # 3137, FC# 3540 |
| 2 | VEFF-010622-D | Effluent (stack) (duplicate) | Vapor | G | | | 1 | X | X | | | Individually Certified 6-Liter SUMMA CAN# N5650, FC# A3190 |
| 3 | VPOST-010622 | Influent (post-dilution) | Vapor | G | | | 1 | X | X | | | Individually Certified 1-Liter SUMMA CAN# N6550, FC# 3190A |
| 4 | VINF-010622 | Influent (pre-dilution) | Vapor | G | | | 1 | X | X | X | | Batch Certified 1-Liter Summa CAN# A7772, FC# 3030 |
| 5 | | | | | | | | | | | | Target analytes includes Historical VOCs and remaining ATLI list per subcontract |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |

| | | | |
|---|---|---|----------------------|
| Relinquished by (Signature and Printed Name): [Signature] Danny Hill Date / Time: 1/7/22 08:10 | Relinquished by (Signature and Printed Name): [Signature] JF Date / Time: 12/7/22 0810 | Turn Around Time (TAT): <input type="checkbox"/> A = Same Day <input type="checkbox"/> B = 24 Hours <input type="checkbox"/> C = 48 Hours <input type="checkbox"/> D = 72 Hours <input checked="" type="checkbox"/> E = 5 Workdays <input type="checkbox"/> F = 10 Workdays | Special Instruction: |
| Relinquished by (Signature and Printed Name): | Relinquished by (Signature and Printed Name): | TAT Starts at 8 AM the following day if samples received after 3:00 PM. | |

| | | |
|---|--|---|
| Matrix: W = Water O = Oil Others/Specify: | Preservatives: H = HCl Z = Zn(Ac)2 Others/Specify: | Container Type: T = Tube J = Jar M = Metal V = VOA B = Tedlar P = Plastic F = Pint G = Glass C = Can A = Amber |
| WW = Wastewater P = Product S = Soil | N = HNO3 O = NaOH | S = H2SO4 T = Na2S2O3 |

Client: Jacobs
Attn: Eric Davis
Project Name: SFPP Norwalk
Project No.: NA
Date Received: 01/07/22
Matrix: Air
Reporting Units: ppmv

EPA METHOD TO3

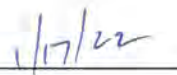
| Lab No.: | N010702-01 | N010702-02 | N010702-03 | N010702-04 | | | | |
|----------------------------|---------------|---------------|---------------|---------------|--------|------|--------|------|
| Client Sample I.D.: | VEFF-010622 | VEFF-010622-D | VPOST-010622 | VINF-010622 | | | | |
| Date/Time Sampled: | 1/6/22 14:15 | 1/6/22 14:15 | 1/6/22 14:25 | 1/6/22 14:35 | | | | |
| Date/Time Analyzed: | 1/10/22 15:51 | 1/10/22 16:13 | 1/10/22 16:36 | 1/10/22 16:58 | | | | |
| QC Batch No.: | 220110GC11A1 | 220110GC11A1 | 220110GC11A1 | 220110GC11A1 | | | | |
| Analyst Initials: | CM | CM | CM | CM | | | | |
| Dilution Factor: | 1.9 | 1.9 | 1.9 | 2.0 | | | | |
| ANALYTE | Result | RL | Result | RL | Result | RL | Result | RL |
| | ppmv | ppmv | ppmv | ppmv | ppmv | ppmv | ppmv | ppmv |
| TVOC as Hexane | ND | 1.9 | ND | 1.9 | 21 | 1.9 | 8.7 | 2.0 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By:


 Mark Johnson
 Operations Manager

Date



The cover letter is an integral part of this analytical report



QC Batch No: 220110GC11A1
 Matrix: Air
 Reporting Units: ppmv

**EPA METHOD TO3
 LABORATORY CONTROL SAMPLE SUMMARY**

| Lab No.: | METHOD BLANK | | | LCS | | LCSD | | | | | |
|-------------------|----------------|------------|--------------------|----------------|--------|----------------|--------|----------|-------------|--------------|-------------|
| Date Analyzed: | 1/10/22 15:28 | | | 1/10/22 14:52 | | 1/10/22 15:09 | | | | | |
| Analyst Initials: | CM | | | CM | | CM | | | | | |
| Dilution Factor: | 1.0 | | | 1.0 | | 1.0 | | | | | |
| ANALYTE | Result ppmv | RL ppmv | SPIKE AMT. ppmv | Result ppmv | % Rec. | Result ppmv | % Rec. | RPD % | Low %Rec | High %Rec | Max. RPD |
| TVOC as Hexane | ND | 1.0 | 5.0 | 5.73 | 115 | 5.81 | 116 | 1.4 | 70 | 130 | 25 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: _____


 Mark Johnson
 Operations Manager

Date _____

1/17/22

The cover letter is an integral part of this analytical report



Client: Jacobs
Attn: Eric Davis
Project Name: SFPP Norwalk
Project No.: NA
Date Received: 01/07/22
Matrix: Air
Reporting Units: % v/v

ASTM D1946

| | | | | | | | |
|----------------------------|-------------------------|---------------------|--|--|--|--|--|
| Lab No.: | N010702-04 | | | | | | |
| Client Sample I.D.: | VINF-010622 | | | | | | |
| Date/Time Sampled: | 1/6/22 14:35 | | | | | | |
| Date/Time Analyzed: | 1/10/22 15:52 | | | | | | |
| QC Batch No.: | 220110GC8A1 | | | | | | |
| Analyst Initials: | CM | | | | | | |
| Dilution Factor: | 2.0 | | | | | | |
| ANALYTE | Result % v/v | RL % v/v | | | | | |
| Carbon Dioxide | 0.34 | 0.020 | | | | | |
| Oxygen/Argon | 22 | 1.0 | | | | | |
| Nitrogen | 78 | 2.0 | | | | | |
| Methane | ND | 0.0020 | | | | | |

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 1/17/22

The cover letter is an integral part of this analytical report



QC Batch No: 220110GC8A1
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY

| Lab No.: | METHOD BLANK | | | LCS | LCSD | | | | | | |
|-------------------|-----------------|-------------|------------------------|-----------------|---------------|-----------------|--------|----------|-------------|--------------|-------------|
| Date Analyzed: | 1/10/22 11:25 | | | 1/10/22 11:39 | 1/10/22 11:54 | | | | | | |
| Analyst Initials: | CM | | | CM | CM | | | | | | |
| Dilution Factor: | 1.0 | | | 1.0 | 1.0 | | Limits | | | | |
| ANALYTE | Result % v/v | RL % v/v | SPIKE AMT. % v/v | Result % v/v | % Rec. | Result % v/v | % Rec. | RPD % | Low %Rec | High %Rec | Max. RPD |
| Carbon Dioxide | ND | 0.010 | 10 | 9.40 | 94 | 9.38 | 94 | 0.3 | 70 | 130 | 30 |
| Oxygen/Argon | ND | 0.50 | 15 | 15.3 | 103 | 15.3 | 103 | 0.1 | 70 | 130 | 30 |
| Nitrogen | ND | 1.0 | 70 | 69.5 | 99 | 69.6 | 100 | 0.1 | 70 | 130 | 30 |
| Methane | ND | 0.0010 | 0.10 | 0.0947 | 95 | 0.0942 | 94 | 0.5 | 70 | 130 | 30 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: _____
Mark Johnson
Mark Johnson
Operations Manager

Date: 1/17/22

The cover letter is an integral part of this analytical report





Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 456940
Report Level: II
Report Date: 01/25/2022

Analytical Report *prepared for:*

Val Mallari
AirTechnology Laboratories Inc.
18501 E. Gale Ave, Ste 130
City of Industry, CA 91748

Location: N010702 SFPP Norwalk

Authorized for release by:

A handwritten signature in black ink, appearing to read 'Patty Mata', is written over a horizontal line.

Patty Mata, Project Manager
patty.mata@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105



Sample Summary

| | | |
|---------------------------------|----------------|----------------------|
| Val Mallari | Lab Job #: | 456940 |
| AirTechnology Laboratories Inc. | Location: | N010702 SFPP Norwalk |
| 18501 E. Gale Ave, Ste 130 | Date Received: | 01/18/22 |
| City of Industry, CA 91748 | | |

| Sample ID | Lab ID | Collected | Matrix |
|--------------------------|---------------|------------------|---------------|
| N010702-01/VEFF-010622 | 456940-001 | 01/06/22 14:15 | Air |
| N010702-02/VEFF-010622-D | 456940-002 | 01/06/22 14:15 | Air |
| N010702-03/VPOST-010622 | 456940-003 | 01/06/22 14:25 | Air |
| N010702-04/VINF-010622 | 456940-004 | 01/06/22 14:35 | Air |

Case Narrative

AirTechnology Laboratories Inc.
18501 E. Gale Ave, Ste 130
City of Industry, CA 91748
Val Mallari

Lab Job Number: 456940
Location: N010702 SFPP Norwalk
Date Received: 01/18/22

This data package contains sample and QC results for four air samples, requested for the above referenced project on 01/18/22. The samples were received intact.

Volatile Organics in Air by MS (EPA TO-15):

High response was observed for 1,2,4-trichlorobenzene in the ICV analyzed 01/07/22 20:01; affected data was qualified with "b". No other analytical problems were encountered.

AIR TECHNOLOGY
Laboratories, Inc.

18501 E. Gale Ave., Suite 130
City of Industry, CA 91748
Ph: 626-964-4032
Fx: 626-964-5832

Project No.: N010702
Project Name: SFPP Norwalk
Report To: Val Mallari
Company: Air Technology Laboratories, Inc.
Street: 18501 Gale Ave., #130
City/State/Zip: City of Industry, CA 91748
Phone& Fax: 626-964-4032
e-mail: vmallari@airtechlabs.com

CHAIN OF CUSTODY RECORD PAGE: OF
TURNAROUND TIME DELIVERABLES: EDD
 Standard 48 hours
 Same Day 72 hours EDF
 24 hours 96 hours Level 3
 Other: 5-day TAT Level 4

BILLING
 P.O. No.: 6610
 Bill to: Same
 456940

| LAB USE ONLY | SAMPLE IDENTIFICATION | | | | PRESERVA TION | MATRIX | CONTAINER QTY/TYP | SAMPLE TIME | DATE | ANALYSIS REQUEST |
|--------------|-----------------------|-------|-----------|-----|------------------|--------|----------------------|----------------|----------|----------------------------|
| | NO | VEFF | POST | INF | | | | | | |
| | N010702-01 | VEFF | -010622 | | N | A | C | 14:15 | 1/6/2022 | Pressure dilution 1.944 |
| | N010702-02 | VEFF | -010622-D | | N | A | C | 14:15 | 1/6/2022 | 1.944 |
| | N010702-03 | VPOST | -010622 | | N | A | C | 14:25 | 1/6/2022 | 1.872 |
| | N010702-04 | VINF | -010622 | | N | A | C | 14:35 | 1/6/2022 | 2.022 |

FORM-24 REV. 1
 AUTHORIZATION TO PERFORM WORK

SAMPLED BY _____ COMPANY _____ DATE/TIME _____

RECEIVED BY: *Michelle DeLo* DATE/TIME: 1/18/22 12:27 RECEIVED BY: *ADH* DATE/TIME: (06) 1/18/22 12:27
 RELINQUISHED BY: *DY* DATE/TIME: 06/11/22 1903 RECEIVED BY: *[Signature]* DATE/TIME: 1/18/22
 RELINQUISHED BY: _____ DATE/TIME _____

METHOD OF TRANSPORT (circle one): Walk-In FedEx UPS Courier ATLI Other _____

COMMENTS
 * See attached analyte list and detection limits

Preservation: H=HCl N=None / Container: B=Bag C=Can V=VOA O=Other
 Rev. 03 - 5/7/09



SAMPLE ACCEPTANCE CHECKLIST

Section 1
 Client: Air Technology Labs _____ Project: N010702
 Date Received: 1/18/22 _____ Sampler's Name Present: Yes No

Section 2
 Sample(s) received in a cooler? Yes, How many? _____ No (skip section 2) Sample Temp (°C) (No Cooler) : 23.0
 Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____
(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)
 Shipping Information: _____

Section 3
 Was the cooler packed with: Ice Ice Packs Bubble Wrap Styrofoam
 Paper None Other _____
 Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

| Section 4 | YES | NO | N/A |
|--|-----|----|-----|
| Was a COC received? | ✓ | | |
| Are sample IDs present? | ✓ | | |
| Are sampling dates & times present? | ✓ | | |
| Is a relinquished signature present? | ✓ | | |
| Are the tests required clearly indicated on the COC? | ✓ | | |
| Are custody seals present? | | ✓ | |
| If custody seals are present, were they intact? | | | ✓ |
| Are all samples sealed in plastic bags? (Recommended for Microbiology samples) | | | ✓ |
| Did all samples arrive intact? If no, indicate in Section 4 below. | ✓ | | |
| Did all bottle labels agree with COC? (ID, dates and times) | ✓ | | |
| Were the samples collected in the correct containers for the required tests? | ✓ | | |
| Are the containers labeled with the correct preservatives? | | | ✓ |
| Is there headspace in the VOA vials greater than 5-6 mm in diameter? | | | ✓ |
| Was a sufficient amount of sample submitted for the requested tests? | ✓ | | |

Section 5 Explanations/Comments

Section 6
 For discrepancies, how was the Project Manager notified? Verbal PM Initials: _____ Date/Time _____
 Email (email sent to/on): _____ / _____
 Project Manager's response:

Completed By: Coy Date: 1/18/22

Client:
Attn:
Project Name: SFPP Norwalk
Project No.:
Date Received:
Matrix: Air
Reporting Units: ppmv

| EPA Method TO15 | | |
|-------------------------------|------------|-------------|
| Lab No.: | | |
| Client Sample I.D.: | | |
| Date/Time Sampled: | | |
| Date/Time Analyzed: | | |
| QC Batch No.: | | |
| Analyst Initials: | | |
| Dilution Factor: 1.0 | | |
| ANALYTE | RL ppmv | MDL ppmv |
| Dichlorodifluoromethane (12) | 0.0010 | 0.00015 |
| Chloromethane | 0.0020 | 0.00022 |
| 1,2-CI-1,1,2,2-F ethane (114) | 0.0010 | 0.00020 |
| Vinyl Chloride | 0.0010 | 0.00016 |
| Bromomethane | 0.0010 | 0.00029 |
| Chloroethane | 0.0010 | 0.00084 |
| Trichlorofluoromethane (11) | 0.0010 | 0.00022 |
| 1,1-Dichloroethene | 0.0010 | 0.00023 |
| Carbon Disulfide | 0.0050 | 0.00024 |
| 1,1,2-CI 1,2,2-F ethane (113) | 0.0010 | 0.00027 |
| Acetone | 0.0050 | 0.00029 |
| Methylene Chloride | 0.0010 | 0.00029 |
| t-1,2-Dichloroethene | 0.0010 | 0.00030 |
| 1,1-Dichloroethane | 0.0010 | 0.00014 |
| c-1,2-Dichloroethene | 0.0010 | 0.00019 |
| 2-Butanone | 0.0010 | 0.00062 |
| t-Butyl Methyl Ether (MTBE) | 0.0010 | 0.00022 |
| Chloroform | 0.0010 | 0.00014 |
| 1,1,1-Trichloroethane | 0.0010 | 0.00010 |
| Carbon Tetrachloride | 0.0010 | 0.00017 |
| Benzene | 0.0010 | 0.000096 |
| 1,2-Dichloroethane | 0.0010 | 0.000074 |
| Trichloroethene | 0.0010 | 0.00014 |
| 1,2-Dichloropropane | 0.0010 | 0.00018 |
| Bromodichloromethane | 0.0010 | 0.000060 |
| c-1,3-Dichloropropene | 0.0010 | 0.00012 |
| 4-Methyl-2-Pentanone | 0.0010 | 0.000067 |
| Toluene | 0.0010 | 0.000079 |
| t-1,3-Dichloropropene | 0.0010 | 0.00010 |
| 1,1,2-Trichloroethane | 0.0010 | 0.00016 |
| 1,3-Dichloropropane | 0.0010 | 0.000050 |
| Tetrachloroethene | 0.0010 | 0.00012 |
| 2-Hexanone | 0.0010 | 0.00021 |
| Dibromochloromethane | 0.0010 | 0.00018 |
| 1,2-Dibromoethane | 0.0010 | 0.000091 |
| Chlorobenzene | 0.0010 | 0.000078 |
| Ethylbenzene | 0.0010 | 0.000057 |
| p,&m-Xylene | 0.0010 | 0.00011 |

Client:
Attn:
Project Name: SFPP Norwalk
Project No.:
Date Received:
Matrix: Air
Reporting Units: ppmv

| EPA Method TO15 | | |
|------------------------------|------------|-------------|
| Lab No.: | | |
| Client Sample I.D.: | | |
| Date/Time Sampled: | | |
| Date/Time Analyzed: | | |
| QC Batch No.: | | |
| Analyst Initials: | | |
| Dilution Factor: 1.0 | | |
| ANALYTE | RL ppmv | MDL ppmv |
| o-Xylene | 0.0010 | 0.00012 |
| Styrene | 0.0010 | 0.00013 |
| Bromoform | 0.0010 | 0.000056 |
| Isopropyl benzene | 0.0010 | 0.00010 |
| 1,1,2,2-Tetrachloroethane | 0.0020 | 0.000061 |
| Benzyl Chloride | 0.0010 | 0.00018 |
| 1,2,3-Trichloropropane | 0.0010 | 0.00027 |
| n-Propyl Benzene | 0.0010 | 0.000058 |
| 4-Ethyl Toluene | 0.0010 | 0.000063 |
| 1,3,5-Trimethylbenzene | 0.0020 | 0.00017 |
| 4-Chlorotoluene | 0.0010 | 0.00012 |
| tert-Butylbenzene | 0.0010 | 0.000091 |
| 1,2,4-Trimethylbenzene | 0.0020 | 0.00011 |
| sec-Butylbenzene | 0.0010 | 0.000097 |
| p-Isopropyltoluene | 0.0010 | 0.00013 |
| 1,3-Dichlorobenzene | 0.0010 | 0.00012 |
| 1,4-Dichlorobenzene | 0.0010 | 0.00015 |
| n-Butylbenzene | 0.0010 | 0.000073 |
| 1,2-Dichlorobenzene | 0.0010 | 0.00012 |
| 1,2,4-Trichlorobenzene | 0.0020 | 0.00017 |
| Hexachlorobutadiene | 0.0010 | 0.000059 |
| t-Butanol | 0.0050 | 0.00019 |
| n-Hexane | 0.0050 | 0.00013 |
| Isopropyl ether | 0.0050 | 0.00011 |
| t-Butyl ethyl ether | 0.0050 | 0.00020 |
| 2,2-Dichloropropane | 0.0050 | 0.000095 |
| t-Amyl methyl ether | 0.0050 | 0.000071 |
| 1,4-Dioxane | 0.0050 | 0.00017 |
| Naphthalene | 0.0050 | 0.00038 |
| 1,2,3-Trichlorobenzene (TIC) | -- | -- |

MDL = Method Detection Limit
 ND= Not Detected (below MDL)
 RL = Reporting Limit
 J = Trace amount. Analyte concentration between RL and MDL

Reviewed/Approved By: _____
 Mark Johnson
 Operations Manager

Client:
Attn:
Project Name: SFPP Norwalk
Project No.:
Date Received:
Matrix: Air
Reporting Units: ppmv

| EPA Method TO15 | | |
|----------------------|------------|-------------|
| Lab No.: | | |
| Client Sample I.D.: | | |
| Date/Time Sampled: | | |
| Date/Time Analyzed: | | |
| QC Batch No.: | | |
| Analyst Initials: | | |
| Dilution Factor: 1.0 | | |
| ANALYTE | RL ppmv | MDL ppmv |

The cover letter is an integral part of this analytical report

Analysis Results for 456940

Val Mallari
 AirTechnology Laboratories Inc.
 18501 E. Gale Ave, Ste 130
 City of Industry, CA 91748

Lab Job #: 456940
 Location: N010702 SFPP Norwalk
 Date Received: 01/18/22

| | | |
|---|---|----------------------------------|
| Sample ID: N010702-01/VEFF-010622 | Lab ID: 456940-001 Matrix: Air | Collected: 01/06/22 14:15 |
|---|---|----------------------------------|

| 456940-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------|------------|------|-------|------|-----|--------|----------------|----------------|---------|
| Method: EPA TO-15 | | | | | | | | | |
| Prep Method: METHOD | | | | | | | | | |
| Isopropylbenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Isopropylbenzene | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Naphthalene | ND | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Naphthalene | ND | | ug/m3 | 10 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Propylbenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Propylbenzene | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| tert-Butyl Alcohol (TBA) | 3.8 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| tert-Butyl Alcohol (TBA) | 11 | | ug/m3 | 1.2 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,4-Dioxane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,4-Dioxane | ND | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Freon 12 | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Freon 12 | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Freon 114 | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Freon 114 | ND | | ug/m3 | 2.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chloromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chloromethane | ND | | ug/m3 | 0.80 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Vinyl Chloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Vinyl Chloride | ND | | ug/m3 | 0.99 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromomethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromomethane | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chloroethane | ND | | ug/m3 | 1.0 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Trichlorofluoromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Trichlorofluoromethane | ND | | ug/m3 | 2.2 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1-Dichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1-Dichloroethene | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Freon 113 | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Freon 113 | ND | | ug/m3 | 3.0 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Acetone | 120 | | ppbv | 4.9 | 4.9 | 282329 | 01/22/22 23:35 | 01/22/22 23:35 | ZNZ |
| Acetone | 280 | | ug/m3 | 12 | 4.9 | 282329 | 01/22/22 23:35 | 01/22/22 23:35 | ZNZ |
| Carbon Disulfide | 110 | | ppbv | 0.97 | 4.9 | 282329 | 01/22/22 23:35 | 01/22/22 23:35 | ZNZ |
| Carbon Disulfide | 350 | | ug/m3 | 3.0 | 4.9 | 282329 | 01/22/22 23:35 | 01/22/22 23:35 | ZNZ |
| Isopropanol (IPA) | 3.4 | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Isopropanol (IPA) | 8.4 | | ug/m3 | 4.8 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Methylene Chloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |

Analysis Results for 456940

| 456940-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---------------------------|-------------|------|-------|------|-----|--------|----------------|----------------|---------|
| Methylene Chloride | ND | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| MTBE | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| MTBE | ND | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| n-Hexane | 2.2 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| n-Hexane | 7.9 | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1-Dichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1-Dichloroethane | ND | | ug/m3 | 1.6 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Vinyl Acetate | ND | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Vinyl Acetate | ND | | ug/m3 | 6.8 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 2-Butanone | 22 | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 2-Butanone | 65 | | ug/m3 | 5.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chloroform | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chloroform | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 2.1 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Carbon Tetrachloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Carbon Tetrachloride | ND | | ug/m3 | 2.4 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Benzene | 0.63 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Benzene | 2.0 | | ug/m3 | 1.2 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dichloroethane | ND | | ug/m3 | 1.6 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Trichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Trichloroethene | ND | | ug/m3 | 2.1 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dichloropropane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dichloropropane | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromodichloromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromodichloromethane | ND | | ug/m3 | 2.6 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 1.6 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Toluene | 2.7 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Toluene | 10 | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 2.1 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Tetrachloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Tetrachloroethene | ND | | ug/m3 | 2.6 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 2-Hexanone | 2.9 | | ppbv | 0.97 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 2-Hexanone | 12 | | ug/m3 | 4.0 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Dibromochloromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |

Analysis Results for 456940

| 456940-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|-------------------------------|------------|------|-------|------|-----|--------|----------------|----------------|---------|
| Dibromochloromethane | ND | | ug/m3 | 3.3 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dibromoethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dibromoethane | ND | | ug/m3 | 3.0 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Chlorobenzene | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Ethylbenzene | 1.3 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Ethylbenzene | 5.9 | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| m,p-Xylenes | 7.7 | | ppbv | 0.78 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| m,p-Xylenes | 34 | | ug/m3 | 3.4 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| o-Xylene | 3.9 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| o-Xylene | 17 | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Styrene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Styrene | ND | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromoform | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromoform | ND | | ug/m3 | 4.0 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 2.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 2.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 4-Ethyltoluene | 1.4 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 4-Ethyltoluene | 6.8 | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,3,5-Trimethylbenzene | 3.3 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,3,5-Trimethylbenzene | 16 | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2,4-Trimethylbenzene | 3.5 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2,4-Trimethylbenzene | 17 | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 2.3 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 2.3 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Benzyl chloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Benzyl chloride | ND | | ug/m3 | 2.0 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 2.3 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 2.9 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Hexachlorobutadiene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Hexachlorobutadiene | ND | | ug/m3 | 4.1 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Xylene (total) | 12 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Xylene (total) | 50 | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:1,2,3,-Trichloropropane | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:1,2,3,-Trichloropropane | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:4-Chlorotoluene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:4-Chlorotoluene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Benzene, 1,2,3-trichloro- | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Benzene, 1,2,3-trichloro- | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Diisopropyl ether | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |

Analysis Results for 456940

| 456940-001 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------------|------------|------|-------|--------|-----|--------|----------------|----------------|---------------|
| TIC:Diisopropyl ether | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Propane, 1,3-dichloro- | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Propane, 1,3-dichloro- | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Propane, 2,2-dichloro- | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Propane, 2,2-dichloro- | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:n-Butylbenzene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:n-Butylbenzene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:p-Cymene | 3.2 | J | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:p-Cymene | 17 | J | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:sec-Butylbenzene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:sec-Butylbenzene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:tert-Butylbenzene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| TIC:tert-Butylbenzene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Surrogates | | | | | | | | | |
| | | | | | | | | | Limits |
| Bromofluorobenzene | 104% | | %REC | 60-140 | 1.9 | 282267 | 01/22/22 00:32 | 01/22/22 00:32 | ZNZ |
| Bromofluorobenzene | 101% | | %REC | 60-140 | 4.9 | 282329 | 01/22/22 23:35 | 01/22/22 23:35 | ZNZ |

Analysis Results for 456940

| | | |
|---|---|----------------------------------|
| Sample ID: N010702-02/VEFF-010622-D | Lab ID: 456940-002 Matrix: Air | Collected: 01/06/22 14:15 |
|---|---|----------------------------------|

| 456940-002 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------|-------------|------|-------|------|-----|--------|----------------|----------------|---------|
| Method: EPA TO-15 | | | | | | | | | |
| Prep Method: METHOD | | | | | | | | | |
| Isopropylbenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Isopropylbenzene | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Naphthalene | ND | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Naphthalene | ND | | ug/m3 | 10 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Propylbenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Propylbenzene | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| tert-Butyl Alcohol (TBA) | 4.5 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| tert-Butyl Alcohol (TBA) | 13 | | ug/m3 | 1.2 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,4-Dioxane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,4-Dioxane | ND | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Freon 12 | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Freon 12 | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Freon 114 | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Freon 114 | ND | | ug/m3 | 2.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chloromethane | 0.91 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chloromethane | 1.9 | | ug/m3 | 0.80 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Vinyl Chloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Vinyl Chloride | ND | | ug/m3 | 0.99 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromomethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromomethane | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chloroethane | ND | | ug/m3 | 1.0 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Trichlorofluoromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Trichlorofluoromethane | ND | | ug/m3 | 2.2 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1-Dichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1-Dichloroethene | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Freon 113 | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Freon 113 | ND | | ug/m3 | 3.0 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Acetone | 110 | | ppbv | 3.9 | 3.9 | 282329 | 01/23/22 00:22 | 01/23/22 00:22 | ZNZ |
| Acetone | 250 | | ug/m3 | 9.2 | 3.9 | 282329 | 01/23/22 00:22 | 01/23/22 00:22 | ZNZ |
| Carbon Disulfide | 43 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Carbon Disulfide | 130 | | ug/m3 | 1.2 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Isopropanol (IPA) | 2.8 | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Isopropanol (IPA) | 6.8 | | ug/m3 | 4.8 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Methylene Chloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Methylene Chloride | ND | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| MTBE | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| MTBE | ND | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |

Analysis Results for 456940

| 456940-002 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---------------------------|--------|------|-------|------|-----|--------|----------------|----------------|---------|
| n-Hexane | 2.5 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| n-Hexane | 8.7 | | ug/m3 | 1.4 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1-Dichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1-Dichloroethane | ND | | ug/m3 | 1.6 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Vinyl Acetate | ND | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Vinyl Acetate | ND | | ug/m3 | 6.8 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 2-Butanone | 23 | | ppbv | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 2-Butanone | 68 | | ug/m3 | 5.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chloroform | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chloroform | ND | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 2.1 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Carbon Tetrachloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Carbon Tetrachloride | ND | | ug/m3 | 2.4 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Benzene | 0.62 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Benzene | 2.0 | | ug/m3 | 1.2 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dichloroethane | ND | | ug/m3 | 1.6 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Trichloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Trichloroethene | ND | | ug/m3 | 2.1 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dichloropropane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dichloropropane | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromodichloromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromodichloromethane | ND | | ug/m3 | 2.6 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 1.6 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Toluene | 2.8 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Toluene | 11 | | ug/m3 | 1.5 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 2.1 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Tetrachloroethene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Tetrachloroethene | ND | | ug/m3 | 2.6 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 2-Hexanone | 2.8 | | ppbv | 0.97 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 2-Hexanone | 11 | | ug/m3 | 4.0 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Dibromochloromethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Dibromochloromethane | ND | | ug/m3 | 3.3 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dibromoethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dibromoethane | ND | | ug/m3 | 3.0 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Chlorobenzene | ND | | ug/m3 | 1.8 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |

Analysis Results for 456940

| 456940-002 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|-------------------------------|--------|------|-------|------|-----|--------|----------------|----------------|---------|
| Ethylbenzene | 1.2 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Ethylbenzene | 5.1 | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| m,p-Xylenes | 7.3 | | ppbv | 0.78 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| m,p-Xylenes | 32 | | ug/m3 | 3.4 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| o-Xylene | 3.8 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| o-Xylene | 16 | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Styrene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Styrene | ND | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromoform | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromoform | ND | | ug/m3 | 4.0 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 2.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 2.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 4-Ethyltoluene | 1.3 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 4-Ethyltoluene | 6.3 | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,3,5-Trimethylbenzene | 3.2 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,3,5-Trimethylbenzene | 16 | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2,4-Trimethylbenzene | 3.2 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2,4-Trimethylbenzene | 16 | | ug/m3 | 1.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 2.3 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 2.3 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Benzyl chloride | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Benzyl chloride | ND | | ug/m3 | 2.0 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 2.3 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 2.9 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Hexachlorobutadiene | ND | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Hexachlorobutadiene | ND | | ug/m3 | 4.1 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Xylene (total) | 11 | | ppbv | 0.39 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Xylene (total) | 48 | | ug/m3 | 1.7 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:1,2,3,-Trichloropropane | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:1,2,3,-Trichloropropane | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:4-Chlorotoluene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:4-Chlorotoluene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Benzene, 1,2,3-trichloro- | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Benzene, 1,2,3-trichloro- | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Diisopropyl ether | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Diisopropyl ether | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Propane, 1,3-dichloro- | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Propane, 1,3-dichloro- | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Propane, 2,2-dichloro- | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Propane, 2,2-dichloro- | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |

Analysis Results for 456940

| 456940-002 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------------|---------------|------|-------|--------|-----|--------|----------------|----------------|---------|
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:n-Butylbenzene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:n-Butylbenzene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:p-Cymene | 2.2 | J | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:p-Cymene | 12 | J | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:sec-Butylbenzene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:sec-Butylbenzene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:tert-Butylbenzene | ND | | ppbv | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| TIC:tert-Butylbenzene | ND | | ug/m3 | | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Surrogates | Limits | | | | | | | | |
| Bromofluorobenzene | 104% | | %REC | 60-140 | 1.9 | 282267 | 01/22/22 01:23 | 01/22/22 01:23 | ZNZ |
| Bromofluorobenzene | 102% | | %REC | 60-140 | 3.9 | 282329 | 01/23/22 00:22 | 01/23/22 00:22 | ZNZ |

Analysis Results for 456940

| | | |
|--|---|----------------------------------|
| Sample ID: N010702-03/VPOST-010622 | Lab ID: 456940-003 Matrix: Air | Collected: 01/06/22 14:25 |
|--|---|----------------------------------|

| 456940-003 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------|--------|------|-------|-----|----|--------|----------------|----------------|---------|
| Method: EPA TO-15 | | | | | | | | | |
| Prep Method: METHOD | | | | | | | | | |
| Isopropylbenzene | 4.1 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Isopropylbenzene | 20 | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Naphthalene | ND | | ppbv | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Naphthalene | ND | | ug/m3 | 79 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Propylbenzene | 5.4 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Propylbenzene | 27 | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| tert-Butyl Alcohol (TBA) | 4.1 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| tert-Butyl Alcohol (TBA) | 13 | | ug/m3 | 9.1 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,4-Dioxane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,4-Dioxane | ND | | ug/m3 | 11 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Freon 12 | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Freon 12 | ND | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Freon 114 | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Freon 114 | ND | | ug/m3 | 21 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chloromethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chloromethane | ND | | ug/m3 | 6.2 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Vinyl Chloride | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Vinyl Chloride | ND | | ug/m3 | 7.7 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Bromomethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Bromomethane | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chloroethane | ND | | ug/m3 | 7.9 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Trichlorofluoromethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Trichlorofluoromethane | ND | | ug/m3 | 17 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1-Dichloroethene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1-Dichloroethene | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Freon 113 | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Freon 113 | ND | | ug/m3 | 23 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Acetone | 86 | | ppbv | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Acetone | 200 | | ug/m3 | 36 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Carbon Disulfide | 4.7 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Carbon Disulfide | 15 | | ug/m3 | 9.3 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Isopropanol (IPA) | ND | | ppbv | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Isopropanol (IPA) | ND | | ug/m3 | 37 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Methylene Chloride | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Methylene Chloride | ND | | ug/m3 | 10 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| trans-1,2-Dichloroethene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| MTBE | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| MTBE | ND | | ug/m3 | 11 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |

Analysis Results for 456940

| 456940-003 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---------------------------|--------|------|-------|-----|----|--------|----------------|----------------|---------|
| n-Hexane | 340 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| n-Hexane | 1,200 | | ug/m3 | 11 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1-Dichloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1-Dichloroethane | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Vinyl Acetate | ND | | ppbv | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Vinyl Acetate | ND | | ug/m3 | 53 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| cis-1,2-Dichloroethene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 2-Butanone | 17 | | ppbv | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 2-Butanone | 51 | | ug/m3 | 44 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chloroform | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chloroform | ND | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,1-Trichloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 16 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Carbon Tetrachloride | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Carbon Tetrachloride | ND | | ug/m3 | 19 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Benzene | 48 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Benzene | 150 | | ug/m3 | 9.6 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dichloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dichloroethane | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Trichloroethene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Trichloroethene | ND | | ug/m3 | 16 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dichloropropane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dichloropropane | ND | | ug/m3 | 14 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Bromodichloromethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Bromodichloromethane | ND | | ug/m3 | 20 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| cis-1,3-Dichloropropene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 14 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 4-Methyl-2-Pentanone | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 12 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Toluene | 140 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Toluene | 540 | | ug/m3 | 11 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| trans-1,3-Dichloropropene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 14 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,2-Trichloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 16 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Tetrachloroethene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Tetrachloroethene | ND | | ug/m3 | 20 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 2-Hexanone | ND | | ppbv | 7.5 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 2-Hexanone | ND | | ug/m3 | 31 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Dibromochloromethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Dibromochloromethane | ND | | ug/m3 | 26 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dibromoethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dibromoethane | ND | | ug/m3 | 23 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chlorobenzene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Chlorobenzene | ND | | ug/m3 | 14 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |

Analysis Results for 456940

| 456940-003 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------------|--------|------|-------|-----|----|--------|----------------|----------------|---------|
| Ethylbenzene | 52 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Ethylbenzene | 230 | | ug/m3 | 13 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| m,p-Xylenes | 310 | | ppbv | 6.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| m,p-Xylenes | 1,300 | | ug/m3 | 26 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| o-Xylene | 130 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| o-Xylene | 580 | | ug/m3 | 13 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Styrene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Styrene | ND | | ug/m3 | 13 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Bromoform | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Bromoform | ND | | ug/m3 | 31 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 21 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,1,2-Tetrachloroethane | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 21 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 4-Ethyltoluene | 19 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 4-Ethyltoluene | 94 | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,3,5-Trimethylbenzene | 46 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,3,5-Trimethylbenzene | 220 | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2,4-Trimethylbenzene | 34 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2,4-Trimethylbenzene | 170 | | ug/m3 | 15 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,3-Dichlorobenzene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 18 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,4-Dichlorobenzene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 18 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Benzyl chloride | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Benzyl chloride | ND | | ug/m3 | 16 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dichlorobenzene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 18 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 22 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Hexachlorobutadiene | ND | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Hexachlorobutadiene | ND | | ug/m3 | 32 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Xylene (total) | 440 | | ppbv | 3.0 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Xylene (total) | 1,900 | | ug/m3 | 13 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:1,2,3,-Trichloropropane | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:1,2,3,-Trichloropropane | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:4-Chlorotoluene | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:4-Chlorotoluene | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Benzenes, 1,2,3-trichloro- | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Benzenes, 1,2,3-trichloro- | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Diisopropyl ether | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Diisopropyl ether | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Propane, 1,3-dichloro- | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Propane, 1,3-dichloro- | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Propane, 2,2-dichloro- | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Propane, 2,2-dichloro- | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |

Analysis Results for 456940

| 456940-003 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------------|--------|------|-------|---------------|----|--------|----------------|----------------|---------|
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:n-Butylbenzene | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:n-Butylbenzene | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:sec-Butylbenzene | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:sec-Butylbenzene | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:tert-Butylbenzene | ND | | ppbv | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| TIC:tert-Butylbenzene | ND | | ug/m3 | | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |
| Surrogates | | | | Limits | | | | | |
| Bromofluorobenzene | 104% | | %REC | 60-140 | 15 | 282267 | 01/22/22 02:06 | 01/22/22 02:06 | DJL |

Analysis Results for 456940

| | | |
|---|---|----------------------------------|
| Sample ID: N010702-04/VINF-010622 | Lab ID: 456940-004 Matrix: Air | Collected: 01/06/22 14:35 |
|---|---|----------------------------------|

| 456940-004 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------|--------|------|-------|-----|-----|--------|----------------|----------------|---------|
| Method: EPA TO-15 | | | | | | | | | |
| Prep Method: METHOD | | | | | | | | | |
| Isopropylbenzene | 1.7 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Isopropylbenzene | 8.4 | | ug/m3 | 8.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Naphthalene | ND | | ppbv | 8.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Naphthalene | ND | | ug/m3 | 42 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Propylbenzene | 2.4 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Propylbenzene | 12 | | ug/m3 | 8.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| tert-Butyl Alcohol (TBA) | 3.8 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| tert-Butyl Alcohol (TBA) | 12 | | ug/m3 | 4.9 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,4-Dioxane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,4-Dioxane | ND | | ug/m3 | 5.8 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Freon 12 | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Freon 12 | ND | | ug/m3 | 8.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Freon 114 | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Freon 114 | ND | | ug/m3 | 11 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chloromethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chloromethane | ND | | ug/m3 | 3.3 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Vinyl Chloride | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Vinyl Chloride | ND | | ug/m3 | 4.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Bromomethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Bromomethane | ND | | ug/m3 | 6.3 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chloroethane | ND | | ug/m3 | 4.3 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Trichlorofluoromethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Trichlorofluoromethane | ND | | ug/m3 | 9.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1-Dichloroethene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1-Dichloroethene | ND | | ug/m3 | 6.4 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Freon 113 | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Freon 113 | ND | | ug/m3 | 12 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Acetone | 93 | | ppbv | 8.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Acetone | 220 | | ug/m3 | 19 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Carbon Disulfide | 26 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Carbon Disulfide | 82 | | ug/m3 | 5.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Isopropanol (IPA) | ND | | ppbv | 8.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Isopropanol (IPA) | ND | | ug/m3 | 20 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Methylene Chloride | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Methylene Chloride | ND | | ug/m3 | 5.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| trans-1,2-Dichloroethene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| trans-1,2-Dichloroethene | ND | | ug/m3 | 6.4 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| MTBE | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| MTBE | ND | | ug/m3 | 5.8 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |

Analysis Results for 456940

| 456940-004 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---------------------------|--------|------|-------|-----|-----|--------|----------------|----------------|---------|
| n-Hexane | 150 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| n-Hexane | 520 | | ug/m3 | 5.7 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1-Dichloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1-Dichloroethane | ND | | ug/m3 | 6.5 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Vinyl Acetate | ND | | ppbv | 8.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Vinyl Acetate | ND | | ug/m3 | 28 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| cis-1,2-Dichloroethene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| cis-1,2-Dichloroethene | ND | | ug/m3 | 6.4 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 2-Butanone | 17 | | ppbv | 8.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 2-Butanone | 50 | | ug/m3 | 24 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chloroform | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chloroform | ND | | ug/m3 | 7.9 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,1-Trichloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,1-Trichloroethane | ND | | ug/m3 | 8.8 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Carbon Tetrachloride | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Carbon Tetrachloride | ND | | ug/m3 | 10 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Benzene | 21 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Benzene | 66 | | ug/m3 | 5.2 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dichloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dichloroethane | ND | | ug/m3 | 6.5 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Trichloroethene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Trichloroethene | ND | | ug/m3 | 8.7 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dichloropropane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dichloropropane | ND | | ug/m3 | 7.5 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Bromodichloromethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Bromodichloromethane | ND | | ug/m3 | 11 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| cis-1,3-Dichloropropene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| cis-1,3-Dichloropropene | ND | | ug/m3 | 7.3 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 4-Methyl-2-Pentanone | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 4-Methyl-2-Pentanone | ND | | ug/m3 | 6.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Toluene | 60 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Toluene | 230 | | ug/m3 | 6.1 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| trans-1,3-Dichloropropene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| trans-1,3-Dichloropropene | ND | | ug/m3 | 7.3 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,2-Trichloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,2-Trichloroethane | ND | | ug/m3 | 8.8 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Tetrachloroethene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Tetrachloroethene | ND | | ug/m3 | 11 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 2-Hexanone | ND | | ppbv | 4.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 2-Hexanone | ND | | ug/m3 | 17 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Dibromochloromethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Dibromochloromethane | ND | | ug/m3 | 14 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dibromoethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dibromoethane | ND | | ug/m3 | 12 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chlorobenzene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Chlorobenzene | ND | | ug/m3 | 7.4 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |

Analysis Results for 456940

| 456940-004 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|---------------------------------|--------|------|-------|-----|-----|--------|----------------|----------------|---------|
| Ethylbenzene | 21 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Ethylbenzene | 92 | | ug/m3 | 7.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| m,p-Xylenes | 120 | | ppbv | 3.2 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| m,p-Xylenes | 540 | | ug/m3 | 14 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| o-Xylene | 55 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| o-Xylene | 240 | | ug/m3 | 7.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Styrene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Styrene | ND | | ug/m3 | 6.9 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Bromoform | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Bromoform | ND | | ug/m3 | 17 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,2,2-Tetrachloroethane | ND | | ug/m3 | 11 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,1,2-Tetrachloroethane | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,1,1,2-Tetrachloroethane | ND | | ug/m3 | 11 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 4-Ethyltoluene | 8.3 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 4-Ethyltoluene | 41 | | ug/m3 | 8.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,3,5-Trimethylbenzene | 20 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,3,5-Trimethylbenzene | 98 | | ug/m3 | 8.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2,4-Trimethylbenzene | 15 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2,4-Trimethylbenzene | 75 | | ug/m3 | 8.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,3-Dichlorobenzene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,3-Dichlorobenzene | ND | | ug/m3 | 9.7 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,4-Dichlorobenzene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,4-Dichlorobenzene | ND | | ug/m3 | 9.7 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Benzyl chloride | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Benzyl chloride | ND | | ug/m3 | 8.4 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dichlorobenzene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2-Dichlorobenzene | ND | | ug/m3 | 9.7 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| 1,2,4-Trichlorobenzene | ND | | ug/m3 | 12 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Hexachlorobutadiene | ND | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Hexachlorobutadiene | ND | | ug/m3 | 17 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Xylene (total) | 180 | | ppbv | 1.6 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Xylene (total) | 780 | | ug/m3 | 7.0 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:1,2,3,-Trichloropropane | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:1,2,3,-Trichloropropane | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:3-Undecene, 6-methyl-, (E)- | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:3-Undecene, 6-methyl-, (E)- | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Benzenes, 1,2,3-trichloro- | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Benzenes, 1,2,3-trichloro- | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Diisopropyl ether | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Diisopropyl ether | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Propane, 1,3-dichloro- | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Propane, 1,3-dichloro- | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Propane, 2,2-dichloro- | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Propane, 2,2-dichloro- | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |

Analysis Results for 456940

| 456940-004 Analyte | Result | Qual | Units | RL | DF | Batch | Prepared | Analyzed | Chemist |
|--------------------------------|--------|------|-------|---------------|-----|--------|----------------|----------------|---------|
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:n-Butylbenzene | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:n-Butylbenzene | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:p-Cymene | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:p-Cymene | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:sec-Butylbenzene | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:sec-Butylbenzene | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:tert-Butylbenzene | ND | | ppbv | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| TIC:tert-Butylbenzene | ND | | ug/m3 | | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |
| Surrogates | | | | Limits | | | | | |
| Bromofluorobenzene | 103% | | %REC | 60-140 | 8.1 | 282267 | 01/22/22 02:51 | 01/22/22 02:51 | DJL |

J Estimated value

ND Not Detected

Batch QC

| | | |
|---------------------------------|--------------------------|----------------------------|
| Type: Lab Control Sample | Lab ID: QC967773 | Batch: 282267 |
| Matrix: Air | Method: EPA TO-15 | Prep Method: METHOD |

| QC967773 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---------------------------|--------|--------|-------|----------|------|--------|
| Isopropylbenzene | 9.851 | 10.00 | ppbv | 99% | | 70-130 |
| Naphthalene | 10.89 | 10.00 | ppbv | 109% | | 70-130 |
| Propylbenzene | 9.996 | 10.00 | ppbv | 100% | | 70-130 |
| tert-Butyl Alcohol (TBA) | 10.26 | 10.00 | ppbv | 103% | | 70-130 |
| 1,4-Dioxane | 9.381 | 10.00 | ppbv | 94% | | 70-130 |
| Freon 12 | 11.43 | 10.00 | ppbv | 114% | | 70-130 |
| Freon 114 | 10.15 | 10.00 | ppbv | 101% | | 70-130 |
| Chloromethane | 11.68 | 10.00 | ppbv | 117% | | 70-130 |
| Vinyl Chloride | 10.54 | 10.00 | ppbv | 105% | | 70-130 |
| Bromomethane | 10.37 | 10.00 | ppbv | 104% | | 70-130 |
| Chloroethane | 10.26 | 10.00 | ppbv | 103% | | 70-130 |
| Trichlorofluoromethane | 10.87 | 10.00 | ppbv | 109% | | 70-130 |
| 1,1-Dichloroethene | 10.62 | 10.00 | ppbv | 106% | | 70-130 |
| Freon 113 | 9.965 | 10.00 | ppbv | 100% | | 70-130 |
| Acetone | 10.35 | 10.00 | ppbv | 104% | | 70-130 |
| Carbon Disulfide | 9.831 | 10.00 | ppbv | 98% | | 70-130 |
| Isopropanol (IPA) | 10.81 | 10.00 | ppbv | 108% | | 70-130 |
| Methylene Chloride | 10.76 | 10.00 | ppbv | 108% | | 70-130 |
| trans-1,2-Dichloroethene | 10.31 | 10.00 | ppbv | 103% | | 70-130 |
| MTBE | 9.746 | 10.00 | ppbv | 97% | | 70-130 |
| n-Hexane | 10.18 | 10.00 | ppbv | 102% | | 70-130 |
| 1,1-Dichloroethane | 10.15 | 10.00 | ppbv | 102% | | 70-130 |
| Vinyl Acetate | 10.26 | 10.00 | ppbv | 103% | | 70-130 |
| cis-1,2-Dichloroethene | 10.30 | 10.00 | ppbv | 103% | | 70-130 |
| 2-Butanone | 9.502 | 10.00 | ppbv | 95% | | 70-130 |
| Chloroform | 9.989 | 10.00 | ppbv | 100% | | 70-130 |
| 1,1,1-Trichloroethane | 10.29 | 10.00 | ppbv | 103% | | 70-130 |
| Carbon Tetrachloride | 10.43 | 10.00 | ppbv | 104% | | 70-130 |
| Benzene | 9.472 | 10.00 | ppbv | 95% | | 70-130 |
| 1,2-Dichloroethane | 10.85 | 10.00 | ppbv | 108% | | 70-130 |
| Trichloroethene | 9.921 | 10.00 | ppbv | 99% | | 70-130 |
| 1,2-Dichloropropane | 9.663 | 10.00 | ppbv | 97% | | 70-130 |
| Bromodichloromethane | 10.63 | 10.00 | ppbv | 106% | | 70-130 |
| cis-1,3-Dichloropropene | 9.676 | 10.00 | ppbv | 97% | | 70-130 |
| 4-Methyl-2-Pentanone | 9.899 | 10.00 | ppbv | 99% | | 70-130 |
| Toluene | 9.670 | 10.00 | ppbv | 97% | | 70-130 |
| trans-1,3-Dichloropropene | 9.827 | 10.00 | ppbv | 98% | | 70-130 |
| 1,1,2-Trichloroethane | 9.802 | 10.00 | ppbv | 98% | | 70-130 |
| Tetrachloroethene | 10.03 | 10.00 | ppbv | 100% | | 70-130 |
| 2-Hexanone | 10.34 | 10.00 | ppbv | 103% | | 70-130 |
| Dibromochloromethane | 10.30 | 10.00 | ppbv | 103% | | 70-130 |
| 1,2-Dibromoethane | 10.04 | 10.00 | ppbv | 100% | | 70-130 |

Batch QC

| QC967773 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|---------------------------|--------|--------|-------|----------|------|--------|
| Chlorobenzene | 9.609 | 10.00 | ppbv | 96% | | 70-130 |
| Ethylbenzene | 9.707 | 10.00 | ppbv | 97% | | 70-130 |
| m,p-Xylenes | 19.45 | 20.00 | ppbv | 97% | | 70-130 |
| o-Xylene | 9.840 | 10.00 | ppbv | 98% | | 70-130 |
| Styrene | 9.734 | 10.00 | ppbv | 97% | | 70-130 |
| Bromoform | 10.30 | 10.00 | ppbv | 103% | | 70-130 |
| 1,1,2,2-Tetrachloroethane | 9.817 | 10.00 | ppbv | 98% | | 70-130 |
| 1,1,1,2-Tetrachloroethane | 9.887 | 10.00 | ppbv | 99% | | 70-130 |
| 4-Ethyltoluene | 10.09 | 10.00 | ppbv | 101% | | 70-130 |
| 1,3,5-Trimethylbenzene | 10.00 | 10.00 | ppbv | 100% | | 70-130 |
| 1,2,4-Trimethylbenzene | 10.19 | 10.00 | ppbv | 102% | | 70-130 |
| 1,3-Dichlorobenzene | 10.47 | 10.00 | ppbv | 105% | | 70-130 |
| 1,4-Dichlorobenzene | 10.57 | 10.00 | ppbv | 106% | | 70-130 |
| Benzyl chloride | 10.42 | 10.00 | ppbv | 104% | | 70-130 |
| 1,2-Dichlorobenzene | 10.42 | 10.00 | ppbv | 104% | | 70-130 |
| 1,2,4-Trichlorobenzene | 11.62 | 10.00 | ppbv | 116% | b | 70-130 |
| Hexachlorobutadiene | 9.735 | 10.00 | ppbv | 97% | | 70-130 |
| Surrogates | | | | | | |
| Bromofluorobenzene | 10.17 | 10.00 | ppbv | 102% | | 60-140 |

Batch QC

| | | |
|---|--------------------------|----------------------------|
| Type: Lab Control Sample Duplicate | Lab ID: QC967774 | Batch: 282267 |
| Matrix: Air | Method: EPA TO-15 | Prep Method: METHOD |

| QC967774 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|---------------------------|--------|--------|-------|----------|------|--------|-----|---------|
| Isopropylbenzene | 10.01 | 10.00 | ppbv | 100% | | 70-130 | 2 | 30 |
| Naphthalene | 11.10 | 10.00 | ppbv | 111% | | 70-130 | 2 | 30 |
| Propylbenzene | 10.20 | 10.00 | ppbv | 102% | | 70-130 | 2 | 30 |
| tert-Butyl Alcohol (TBA) | 10.35 | 10.00 | ppbv | 104% | | 70-130 | 1 | 30 |
| 1,4-Dioxane | 9.472 | 10.00 | ppbv | 95% | | 70-130 | 1 | 30 |
| Freon 12 | 11.57 | 10.00 | ppbv | 116% | | 70-130 | 1 | 30 |
| Freon 114 | 10.43 | 10.00 | ppbv | 104% | | 70-130 | 3 | 30 |
| Chloromethane | 11.83 | 10.00 | ppbv | 118% | | 70-130 | 1 | 30 |
| Vinyl Chloride | 10.68 | 10.00 | ppbv | 107% | | 70-130 | 1 | 30 |
| Bromomethane | 10.45 | 10.00 | ppbv | 104% | | 70-130 | 1 | 30 |
| Chloroethane | 10.23 | 10.00 | ppbv | 102% | | 70-130 | 0 | 30 |
| Trichlorofluoromethane | 10.91 | 10.00 | ppbv | 109% | | 70-130 | 0 | 30 |
| 1,1-Dichloroethene | 10.59 | 10.00 | ppbv | 106% | | 70-130 | 0 | 30 |
| Freon 113 | 10.01 | 10.00 | ppbv | 100% | | 70-130 | 0 | 30 |
| Acetone | 10.26 | 10.00 | ppbv | 103% | | 70-130 | 1 | 30 |
| Carbon Disulfide | 9.780 | 10.00 | ppbv | 98% | | 70-130 | 1 | 30 |
| Isopropanol (IPA) | 10.83 | 10.00 | ppbv | 108% | | 70-130 | 0 | 30 |
| Methylene Chloride | 10.58 | 10.00 | ppbv | 106% | | 70-130 | 2 | 30 |
| trans-1,2-Dichloroethene | 10.31 | 10.00 | ppbv | 103% | | 70-130 | 0 | 30 |
| MTBE | 9.814 | 10.00 | ppbv | 98% | | 70-130 | 1 | 30 |
| n-Hexane | 10.16 | 10.00 | ppbv | 102% | | 70-130 | 0 | 30 |
| 1,1-Dichloroethane | 10.14 | 10.00 | ppbv | 101% | | 70-130 | 0 | 30 |
| Vinyl Acetate | 10.61 | 10.00 | ppbv | 106% | | 70-130 | 3 | 30 |
| cis-1,2-Dichloroethene | 10.33 | 10.00 | ppbv | 103% | | 70-130 | 0 | 30 |
| 2-Butanone | 9.449 | 10.00 | ppbv | 94% | | 70-130 | 1 | 30 |
| Chloroform | 10.23 | 10.00 | ppbv | 102% | | 70-130 | 2 | 30 |
| 1,1,1-Trichloroethane | 10.37 | 10.00 | ppbv | 104% | | 70-130 | 1 | 30 |
| Carbon Tetrachloride | 10.57 | 10.00 | ppbv | 106% | | 70-130 | 1 | 30 |
| Benzene | 9.452 | 10.00 | ppbv | 95% | | 70-130 | 0 | 30 |
| 1,2-Dichloroethane | 10.90 | 10.00 | ppbv | 109% | | 70-130 | 0 | 30 |
| Trichloroethene | 10.01 | 10.00 | ppbv | 100% | | 70-130 | 1 | 30 |
| 1,2-Dichloropropane | 9.745 | 10.00 | ppbv | 97% | | 70-130 | 1 | 30 |
| Bromodichloromethane | 10.78 | 10.00 | ppbv | 108% | | 70-130 | 1 | 30 |
| cis-1,3-Dichloropropene | 9.934 | 10.00 | ppbv | 99% | | 70-130 | 3 | 30 |
| 4-Methyl-2-Pentanone | 10.08 | 10.00 | ppbv | 101% | | 70-130 | 2 | 30 |
| Toluene | 9.820 | 10.00 | ppbv | 98% | | 70-130 | 2 | 30 |
| trans-1,3-Dichloropropene | 9.987 | 10.00 | ppbv | 100% | | 70-130 | 2 | 30 |
| 1,1,2-Trichloroethane | 9.911 | 10.00 | ppbv | 99% | | 70-130 | 1 | 30 |
| Tetrachloroethene | 10.20 | 10.00 | ppbv | 102% | | 70-130 | 2 | 30 |
| 2-Hexanone | 10.54 | 10.00 | ppbv | 105% | | 70-130 | 2 | 30 |
| Dibromochloromethane | 10.48 | 10.00 | ppbv | 105% | | 70-130 | 2 | 30 |

Batch QC

| QC967774 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | |
|---------------------------|--------|--------|-------|----------|------|--------|-----|-----|
| | | | | | | | RPD | Lim |
| 1,2-Dibromoethane | 10.22 | 10.00 | ppbv | 102% | | 70-130 | 2 | 30 |
| Chlorobenzene | 9.744 | 10.00 | ppbv | 97% | | 70-130 | 1 | 30 |
| Ethylbenzene | 9.811 | 10.00 | ppbv | 98% | | 70-130 | 1 | 30 |
| m,p-Xylenes | 19.80 | 20.00 | ppbv | 99% | | 70-130 | 2 | 30 |
| o-Xylene | 9.885 | 10.00 | ppbv | 99% | | 70-130 | 0 | 30 |
| Styrene | 9.904 | 10.00 | ppbv | 99% | | 70-130 | 2 | 30 |
| Bromoform | 10.49 | 10.00 | ppbv | 105% | | 70-130 | 2 | 30 |
| 1,1,2,2-Tetrachloroethane | 9.997 | 10.00 | ppbv | 100% | | 70-130 | 2 | 30 |
| 1,1,1,2-Tetrachloroethane | 9.986 | 10.00 | ppbv | 100% | | 70-130 | 1 | 30 |
| 4-Ethyltoluene | 10.30 | 10.00 | ppbv | 103% | | 70-130 | 2 | 30 |
| 1,3,5-Trimethylbenzene | 10.11 | 10.00 | ppbv | 101% | | 70-130 | 1 | 30 |
| 1,2,4-Trimethylbenzene | 10.38 | 10.00 | ppbv | 104% | | 70-130 | 2 | 30 |
| 1,3-Dichlorobenzene | 10.68 | 10.00 | ppbv | 107% | | 70-130 | 2 | 30 |
| 1,4-Dichlorobenzene | 10.81 | 10.00 | ppbv | 108% | | 70-130 | 2 | 30 |
| Benzyl chloride | 10.60 | 10.00 | ppbv | 106% | | 70-130 | 2 | 30 |
| 1,2-Dichlorobenzene | 10.61 | 10.00 | ppbv | 106% | | 70-130 | 2 | 30 |
| 1,2,4-Trichlorobenzene | 11.79 | 10.00 | ppbv | 118% | b | 70-130 | 2 | 30 |
| Hexachlorobutadiene | 9.861 | 10.00 | ppbv | 99% | | 70-130 | 1 | 30 |
| Surrogates | | | | | | | | |
| Bromofluorobenzene | 10.26 | 10.00 | ppbv | 103% | | 60-140 | | |

Batch QC

| | | |
|--------------------|--------------------------|----------------------------|
| Type: Blank | Lab ID: QC967775 | Batch: 282267 |
| Matrix: Air | Method: EPA TO-15 | Prep Method: METHOD |

| QC967775 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|---------------------------|--------|------|-------|------|----------------|----------------|
| Isopropylbenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Naphthalene | ND | | ppbv | 1.0 | 01/21/22 14:05 | 01/21/22 14:05 |
| Propylbenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| tert-Butyl Alcohol (TBA) | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,4-Dioxane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Freon 12 | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Freon 114 | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Chloromethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Vinyl Chloride | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Bromomethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Chloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Trichlorofluoromethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,1-Dichloroethene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Freon 113 | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Acetone | ND | | ppbv | 1.0 | 01/21/22 14:05 | 01/21/22 14:05 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Isopropanol (IPA) | ND | | ppbv | 1.0 | 01/21/22 14:05 | 01/21/22 14:05 |
| Methylene Chloride | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| trans-1,2-Dichloroethene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| MTBE | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| n-Hexane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,1-Dichloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Vinyl Acetate | ND | | ppbv | 1.0 | 01/21/22 14:05 | 01/21/22 14:05 |
| cis-1,2-Dichloroethene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 2-Butanone | ND | | ppbv | 1.0 | 01/21/22 14:05 | 01/21/22 14:05 |
| Chloroform | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,1,1-Trichloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Carbon Tetrachloride | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Benzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,2-Dichloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Trichloroethene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,2-Dichloropropane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Bromodichloromethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| cis-1,3-Dichloropropene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 4-Methyl-2-Pentanone | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Toluene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| trans-1,3-Dichloropropene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,1,2-Trichloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Tetrachloroethene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 2-Hexanone | ND | | ppbv | 0.50 | 01/21/22 14:05 | 01/21/22 14:05 |
| Dibromochloromethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,2-Dibromoethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |

Batch QC

| QC967775 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|--------------------------------|--------|------|-------|---------------|----------------|----------------|
| Chlorobenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Ethylbenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| m,p-Xylenes | ND | | ppbv | 0.40 | 01/21/22 14:05 | 01/21/22 14:05 |
| o-Xylene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Styrene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Bromoform | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,1,2,2-Tetrachloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,1,1,2-Tetrachloroethane | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 4-Ethyltoluene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,3,5-Trimethylbenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,2,4-Trimethylbenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,3-Dichlorobenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,4-Dichlorobenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Benzyl chloride | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,2-Dichlorobenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| 1,2,4-Trichlorobenzene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Hexachlorobutadiene | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| Xylene (total) | ND | | ppbv | 0.20 | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:1,2,3,-Trichloropropane | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:4-Chlorotoluene | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:Benzene, 1,2,3-trichloro- | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:Diisopropyl ether | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:Propane, 1,3-dichloro- | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:Propane, 2,2-dichloro- | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:Propane, 2-ethoxy-2-methyl | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:n-Butylbenzene | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:p-Cymene | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:sec-Butylbenzene | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| TIC:tert-Butylbenzene | ND | | ppbv | | 01/21/22 14:05 | 01/21/22 14:05 |
| Surrogates | | | | Limits | | |
| Bromofluorobenzene | 99% | | %REC | 60-140 | 01/21/22 14:05 | 01/21/22 14:05 |

| | | |
|---------------------------------|--------------------------|----------------------------|
| Type: Lab Control Sample | Lab ID: QC967928 | Batch: 282329 |
| Matrix: Air | Method: EPA TO-15 | Prep Method: METHOD |

| QC967928 Analyte | Result | Spiked | Units | Recovery | Qual | Limits |
|--------------------|--------|--------|-------|----------|------|--------|
| Acetone | 10.54 | 10.00 | ppbv | 105% | | 70-130 |
| Carbon Disulfide | 9.924 | 10.00 | ppbv | 99% | | 70-130 |
| Surrogates | | | | | | |
| Bromofluorobenzene | 10.21 | 10.00 | ppbv | 102% | | 60-140 |

Batch QC

| | | |
|---|--------------------------|----------------------------|
| Type: Lab Control Sample Duplicate | Lab ID: QC967929 | Batch: 282329 |
| Matrix: Air | Method: EPA TO-15 | Prep Method: METHOD |

| QC967929 Analyte | Result | Spiked | Units | Recovery | Qual | Limits | RPD | RPD Lim |
|--------------------|--------|--------|-------|----------|------|--------|-----|---------|
| Acetone | 10.39 | 10.00 | ppbv | 104% | | 70-130 | 1 | 30 |
| Carbon Disulfide | 9.881 | 10.00 | ppbv | 99% | | 70-130 | 0 | 30 |
| Surrogates | | | | | | | | |
| Bromofluorobenzene | 10.19 | 10.00 | ppbv | 102% | | 60-140 | | |

| | | |
|--------------------|--------------------------|----------------------------|
| Type: Blank | Lab ID: QC967930 | Batch: 282329 |
| Matrix: Air | Method: EPA TO-15 | Prep Method: METHOD |

| QC967930 Analyte | Result | Qual | Units | RL | Prepared | Analyzed |
|--------------------|--------|------|-------|---------------|----------------|----------------|
| Acetone | ND | | ppbv | 1.0 | 01/22/22 15:15 | 01/22/22 15:15 |
| Carbon Disulfide | ND | | ppbv | 0.20 | 01/22/22 15:15 | 01/22/22 15:15 |
| TIC: | ND | | | | 01/22/22 15:15 | 01/22/22 15:15 |
| Surrogates | | | | Limits | | |
| Bromofluorobenzene | 98% | | %REC | 60-140 | 01/22/22 15:15 | 01/22/22 15:15 |

ND Not Detected
b See narrative



February 10, 2022

Jacobs
ATTN: Eric Davis
1000 Wilshire Blvd., Suite 2100
Los Angeles, CA 90017



LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
ASTM D1946, RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

LABORATORY TEST RESULTS

Project Reference: SFPP Norwalk
Lab Number: N020205-01/04

Enclosed are results for sample(s) received 2/02/22 by Air Technology Laboratories. Samples were received intact. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Naphthalene exhibited a high RSD (relative standard deviation) in the calibration. Results are estimated and have been qualified with the Q flag.
- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Eric Davis, Nils Orliczky and Danny Hill on 2/09/22.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

A handwritten signature in blue ink that reads "mjohnson".

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

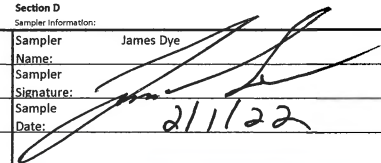
Note: The cover letter is an integral part of this analytical report.

N020205-01/04

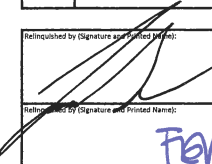

Air Technology Laboratories, Inc.
18501 Gale Ave. #130
City of Industry, CA 91748
Tel: 626-964-4032
Joann De La Ossa (JDeLaOssa@airtechlabs.com)

CHAIN OF CUSTODY RECORD

DATE: 2/1/22
PAGE: 1 of 1

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| Section A Required Client Information: | | Section B Required Project Information: | | Section C Invoice Information: | | Section D Sampler Information: | |
| Company: Jacobs | | Report To: Eric Davis | | Attention: Eric Davis | | Sampler Name: James Dye | |
| Address: 1000 Wilshire Blvd. Suite 2100 Los Angeles, CA 90017 | | Copy To: Court Reece | | Company Name: Jacobs | | Sampler Signature:  | |
| Email To: eric.davis@jacobs.com | | Purchase Order No.: | | Address: 1000 Wilshire Blvd. Suite 2100 Los Angeles, CA 90017 | | Sample Date: 2/1/22 | |
| Phone: 404-323-1600 Fax: | | Project Name: SFPP Norwalk | | Project Manager: Joann De La Ossa | | | |

| ITEM # | SAMPLE ID | LOCATION/ DESCRIPTION | MATRIX | SAMPLE TYPE (G=GRAB C=COMP) | CONTAINER TYPE | | TOTAL # OF CONTAINERS | Analysis Test | TO-8 (Total VOCs as Hexane) | TO-15 (VOCs, Target Analytes) | ASTM-D 1946 (O2/Argon, CO2, CH4, H2) | Comments |
|--------|-----------------------|------------------------------|--------|-----------------------------|-----------------|--------------|-----------------------|---------------|-----------------------------|-------------------------------|--------------------------------------|--|
| | | | | | # OF CONTAINERS | PRESERVATIVE | | | | | | |
| | | | | | VOLUME (mL) | | | | | | | |
| | | | | | SAMPLING | | | | | | | |
| | | | | | DATE | TIME | | | | | | |
| 1 | VEFF- <u>020122</u> | Effluent (stack) | Vapor | G | <u>2/1/22</u> | <u>1045</u> | 1 | X | X | | | Individually Certified 6-Liter SUMMA |
| 2 | VEFF- <u>020122</u> D | Effluent (stack) (duplicate) | Vapor | G | <u>2/1/22</u> | <u>1045</u> | 1 | X | X | | | Individually Certified 6-Liter SUMMA |
| 3 | VPOST- <u>020122</u> | Influent (post-dilution) | Vapor | G | <u>2/1/22</u> | <u>1050</u> | 1 | X | X | | | Individually Certified 1-Liter SUMMA |
| 4 | VINF- <u>020122</u> | Influent (pre-dilution) | Vapor | G | <u>2/1/22</u> | <u>1100</u> | 1 | X | X | X | | Batch Certified 1-Liter Summa |
| 5 | | | | | | | | | | | | Target analytes includes Historical VOCs and remaining ATLI list per subcontract |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |

| | | | |
|--|---|--|----------------------|
| Relinquished by (Signature and Printed Name):  Date / Time: <u>2/1/22 1430</u> | Relinquished by (Signature and Printed Name): FED EX Date / Time: <u>2/1/22 1430</u> | Turn Around Time (TAT): <input type="checkbox"/> A = Same Day <input type="checkbox"/> B = 24 Hours <input type="checkbox"/> C = 48 Hours <input type="checkbox"/> D = 72 Hours <input checked="" type="checkbox"/> E = 5 Workdays <input type="checkbox"/> F = 10 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM. | Special Instruction: |
| Relinquished by (Signature and Printed Name): FED EX Date / Time: <u>2/2/22</u> | Relinquished by (Signature and Printed Name):  Date / Time: <u>2/2/22 1305</u> | | |

| | | |
|--|-------------------------------------|--------------------------------------|
| Matrix: | Preservatives: | Container Type: |
| W = Water O = Oil | H = HCl Z = Zn(AC)2 | T = Tube J = Jar M = Metal |
| WW = Wastewater P = Product S = Soil | N = HNO3 O = NaOH T = Na2S2O3 | V = VOA B = Tedlar P = Plastic |
| Others/Specify: | Others/Specify: | G = Glass C = Can A = Amber |

Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 02/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | N0020205-01 | | | N0020205-02 | | | N0020205-03 | | | N0020205-04 | | |
|-------------------------------|--------------|---------|----------|---------------|---------|----------|--------------|---------|----------|--------------|---------|----------|
| Client Sample I.D.: | VEFF-020122 | | | VEFF-020122-D | | | VPOST-020122 | | | VINP-020122 | | |
| Date/Time Sampled: | 2/1/22 10:45 | | | 2/1/22 10:45 | | | 2/1/22 10:50 | | | 2/1/22 11:00 | | |
| Date/Time Analyzed: | 2/7/22 18:13 | | | 2/7/22 18:52 | | | 2/8/22 8:46 | | | 2/7/22 17:33 | | |
| QC Batch No.: | 220207MS2A1 | | | 220207MS2A1 | | | 220207MS2A1 | | | 220207MS2A1 | | |
| Analyst Initials: | DT | | | DT | | | DT | | | DT | | |
| Dilution Factor: | 2.7 | | | 2.7 | | | 3.6 | | | 20 | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv |
| Benzene | 0.0018 J | 0.0027 | 0.00026 | 0.0016 J | 0.0027 | 0.00026 | 0.091 | 0.0036 | 0.00035 | 0.12 | 0.020 | 0.0019 |
| Chloroform | ND | 0.0027 | 0.00037 | ND | 0.0027 | 0.00037 | 0.0019 J | 0.0036 | 0.00050 | ND | 0.020 | 0.0028 |
| Carbon Tetrachloride | ND | 0.0027 | 0.00046 | ND | 0.0027 | 0.00046 | ND | 0.0036 | 0.00063 | ND | 0.020 | 0.0035 |
| 1,4-Dioxane | ND | 0.013 | 0.00046 | ND | 0.013 | 0.00046 | ND | 0.018 | 0.00063 | ND | 0.10 | 0.0035 |
| 1,4-Dichlorobenzene | ND | 0.0027 | 0.00039 | ND | 0.0027 | 0.00039 | ND | 0.0036 | 0.00053 | ND | 0.020 | 0.0030 |
| 1,1-Dichloroethane | ND | 0.0027 | 0.00036 | ND | 0.0027 | 0.00036 | ND | 0.0036 | 0.00049 | ND | 0.020 | 0.0028 |
| Ethylbenzene | 0.0062 | 0.0027 | 0.00015 | 0.0063 | 0.0027 | 0.00015 | 0.20 | 0.0036 | 0.00021 | 0.31 | 0.020 | 0.0012 |
| 1,2-Dichloroethane | ND | 0.0027 | 0.00020 | ND | 0.0027 | 0.00020 | ND | 0.0036 | 0.00027 | ND | 0.020 | 0.0015 |
| Methylene Chloride | ND | 0.0027 | 0.00076 | ND | 0.0027 | 0.00076 | ND | 0.0036 | 0.0010 | ND | 0.020 | 0.0058 |
| t-Butyl Methyl Ether (MTBE) | ND | 0.0027 | 0.00059 | ND | 0.0027 | 0.00059 | ND | 0.0036 | 0.00081 | ND | 0.020 | 0.0045 |
| Tetrachloroethene | ND | 0.0027 | 0.00032 | ND | 0.0027 | 0.00032 | ND | 0.0036 | 0.00043 | ND | 0.020 | 0.0024 |
| 1,1,2-Trichloroethane | ND | 0.0027 | 0.00043 | ND | 0.0027 | 0.00043 | ND | 0.0036 | 0.00058 | ND | 0.020 | 0.0033 |
| Trichloroethene | ND | 0.0027 | 0.00038 | ND | 0.0027 | 0.00038 | ND | 0.0036 | 0.00051 | ND | 0.020 | 0.0029 |
| Vinyl Chloride | ND | 0.0027 | 0.00043 | ND | 0.0027 | 0.00043 | ND | 0.0036 | 0.00059 | ND | 0.020 | 0.0033 |
| Naphthalene | ND | 0.013 | 0.0010 | ND | 0.013 | 0.0010 | 0.0019 Q | 0.018 | 0.0014 | ND | 0.10 | 0.0078 |
| c-1,2-Dichloroethene | ND | 0.0027 | 0.00051 | ND | 0.0027 | 0.00051 | ND | 0.0036 | 0.00070 | 0.035 | 0.020 | 0.0039 |
| 2-Butanone | ND | 0.0027 | 0.0016 | ND | 0.0027 | 0.0016 | ND | 0.0036 | 0.0022 | ND | 0.020 | 0.012 |
| Dichlorodifluoromethane (12) | ND | 0.0027 | 0.00041 | ND | 0.0027 | 0.00041 | 0.00067 J | 0.0036 | 0.00055 | ND | 0.020 | 0.0031 |
| Chloromethane | ND | 0.0053 | 0.00058 | ND | 0.0053 | 0.00058 | ND | 0.0072 | 0.00079 | ND | 0.040 | 0.0044 |
| 1,1,1-Trichloroethane | ND | 0.0027 | 0.00027 | ND | 0.0027 | 0.00027 | ND | 0.0036 | 0.00036 | ND | 0.020 | 0.0020 |
| 1,2-CI-1,1,2,2-F ethane (114) | ND | 0.0027 | 0.00053 | ND | 0.0027 | 0.00053 | ND | 0.0036 | 0.00073 | ND | 0.020 | 0.0041 |
| Bromomethane | ND | 0.0027 | 0.00078 | ND | 0.0027 | 0.00078 | ND | 0.0036 | 0.0011 | ND | 0.020 | 0.0059 |
| Chloroethane | ND | 0.0027 | 0.0022 | ND | 0.0027 | 0.0022 | ND | 0.0036 | 0.0030 | ND | 0.020 | 0.017 |
| Trichlorofluoromethane (11) | ND | 0.0027 | 0.00057 | ND | 0.0027 | 0.00057 | ND | 0.0036 | 0.00078 | ND | 0.020 | 0.0043 |
| 1,2-Dichloropropane | ND | 0.0027 | 0.00048 | ND | 0.0027 | 0.00048 | ND | 0.0036 | 0.00065 | ND | 0.020 | 0.0037 |
| Bromodichloromethane | ND | 0.0027 | 0.00016 | ND | 0.0027 | 0.00016 | ND | 0.0036 | 0.00022 | ND | 0.020 | 0.0012 |
| c-1,3-Dichloropropene | ND | 0.0027 | 0.00032 | ND | 0.0027 | 0.00032 | ND | 0.0036 | 0.00043 | ND | 0.020 | 0.0024 |
| 4-Methyl-2-Pentanone | ND | 0.0027 | 0.00018 | ND | 0.0027 | 0.00018 | ND | 0.0036 | 0.00024 | ND | 0.020 | 0.0014 |
| Toluene | 0.0038 | 0.0027 | 0.00021 | 0.0038 | 0.0027 | 0.00021 | 0.28 | 0.0036 | 0.00029 | 0.43 | 0.020 | 0.0016 |
| t-1,3-Dichloropropene | ND | 0.0027 | 0.00027 | ND | 0.0027 | 0.00027 | ND | 0.0036 | 0.00037 | ND | 0.020 | 0.0021 |
| 1,1-Dichloroethene | ND | 0.0027 | 0.00060 | ND | 0.0027 | 0.00060 | ND | 0.0036 | 0.00082 | 0.0075 J | 0.020 | 0.0046 |
| 1,3-Dichloropropane | ND | 0.0027 | 0.00013 | ND | 0.0027 | 0.00013 | ND | 0.0036 | 0.00018 | ND | 0.020 | 0.0010 |
| Carbon Disulfide | 0.0079 J | 0.013 | 0.00064 | 0.0035 J | 0.013 | 0.00064 | 0.0087 J | 0.018 | 0.00087 | ND | 0.10 | 0.0048 |
| 2-Hexanone | ND | 0.0027 | 0.00055 | ND | 0.0027 | 0.00055 | ND | 0.0036 | 0.00074 | ND | 0.020 | 0.0042 |
| Dibromochloromethane | ND | 0.0027 | 0.00048 | ND | 0.0027 | 0.00048 | ND | 0.0036 | 0.00066 | ND | 0.020 | 0.0037 |
| 1,2-Dibromoethane | ND | 0.0027 | 0.00024 | ND | 0.0027 | 0.00024 | ND | 0.0036 | 0.00033 | ND | 0.020 | 0.0018 |
| Chlorobenzene | ND | 0.0027 | 0.00021 | ND | 0.0027 | 0.00021 | 0.0093 | 0.0036 | 0.00028 | 0.013 J | 0.020 | 0.0016 |
| 1,1,2-CI 1,2,2-F ethane (113) | ND | 0.0027 | 0.00071 | ND | 0.0027 | 0.00071 | ND | 0.0036 | 0.00097 | ND | 0.020 | 0.0054 |
| p,&m-Xylene | 0.045 | 0.0027 | 0.00030 | 0.046 | 0.0027 | 0.00030 | 0.96 | 0.0036 | 0.00041 | 1.9 | 0.020 | 0.0023 |



Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 02/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | N0020205-01 | | | N0020205-02 | | | N0020205-03 | | | N0020205-04 | | |
|------------------------------|--------------|---------|----------|---------------|---------|----------|--------------|---------|----------|--------------|---------|----------|
| Client Sample I.D.: | VEFF-020122 | | | VEFF-020122-D | | | VPOST-020122 | | | VINP-020122 | | |
| Date/Time Sampled: | 2/1/22 10:45 | | | 2/1/22 10:45 | | | 2/1/22 10:50 | | | 2/1/22 11:00 | | |
| Date/Time Analyzed: | 2/7/22 18:13 | | | 2/7/22 18:52 | | | 2/8/22 8:46 | | | 2/7/22 17:33 | | |
| QC Batch No.: | 220207MS2A1 | | | 220207MS2A1 | | | 220207MS2A1 | | | 220207MS2A1 | | |
| Analyst Initials: | DT | | | DT | | | DT | | | DT | | |
| Dilution Factor: | 2.7 | | | 2.7 | | | 3.6 | | | 20 | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv |
| o-Xylene | 0.016 | 0.0027 | 0.00032 | 0.016 | 0.0027 | 0.00032 | 0.55 | 0.0036 | 0.00044 | 0.93 | 0.020 | 0.0025 |
| Styrene | 0.00035 J | 0.0027 | 0.00034 | 0.00053 J | 0.0027 | 0.00034 | 0.016 | 0.0036 | 0.00046 | 0.027 | 0.020 | 0.0026 |
| Bromoform | ND | 0.0027 | 0.00015 | ND | 0.0027 | 0.00015 | ND | 0.0036 | 0.00020 | ND | 0.020 | 0.0011 |
| Isopropyl benzene | 0.00032 J | 0.0027 | 0.00028 | ND | 0.0027 | 0.00028 | 0.026 | 0.0036 | 0.00038 | 0.044 | 0.020 | 0.0021 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0053 | 0.00016 | ND | 0.0053 | 0.00016 | ND | 0.0072 | 0.00022 | ND | 0.040 | 0.0012 |
| Benzyl Chloride | ND | 0.0027 | 0.00049 | ND | 0.0027 | 0.00049 | 0.0019 J | 0.0036 | 0.00066 | ND | 0.020 | 0.0037 |
| 1,2,3-Trichloropropane | ND | 0.0027 | 0.00071 | ND | 0.0027 | 0.00071 | ND | 0.0036 | 0.00097 | ND | 0.020 | 0.0054 |
| n-Propyl Benzene | 0.00077 J | 0.0027 | 0.00015 | 0.00070 J | 0.0027 | 0.00015 | 0.047 | 0.0036 | 0.00021 | 0.081 | 0.020 | 0.0012 |
| 4-Ethyl Toluene | 0.0043 | 0.0027 | 0.00017 | 0.0040 | 0.0027 | 0.00017 | 0.41 | 0.0036 | 0.00023 | 0.70 | 0.020 | 0.0013 |
| 1,3,5-Trimethylbenzene | 0.0028 J | 0.0053 | 0.00046 | 0.0025 J | 0.0053 | 0.00046 | 0.32 | 0.0072 | 0.00062 | 0.54 | 0.040 | 0.0035 |
| 4-Chlorotoluene | ND | 0.0027 | 0.00032 | ND | 0.0027 | 0.00032 | ND | 0.0036 | 0.00043 | ND | 0.020 | 0.0024 |
| tert-Butylbenzene | ND | 0.0027 | 0.00024 | ND | 0.0027 | 0.00024 | ND | 0.0036 | 0.00033 | ND | 0.020 | 0.0018 |
| 1,2,4-Trimethylbenzene | 0.0036 J | 0.0053 | 0.00030 | 0.0032 J | 0.0053 | 0.00030 | 0.26 | 0.0072 | 0.00041 | 0.43 | 0.040 | 0.0023 |
| sec-Butylbenzene | ND | 0.0027 | 0.00026 | ND | 0.0027 | 0.00026 | 0.0086 | 0.0036 | 0.00035 | 0.015 J | 0.020 | 0.0020 |
| p-Isopropyltoluene | 0.00067 J | 0.0027 | 0.00035 | ND | 0.0027 | 0.00035 | 0.0083 | 0.0036 | 0.00047 | 0.013 J | 0.020 | 0.0026 |
| 1,3-Dichlorobenzene | ND | 0.0027 | 0.00032 | ND | 0.0027 | 0.00032 | ND | 0.0036 | 0.00044 | ND | 0.020 | 0.0025 |
| Acetone | 0.022 | 0.013 | 0.00077 | 0.0062 J | 0.013 | 0.00077 | 0.051 | 0.018 | 0.0010 | 0.11 | 0.10 | 0.0058 |
| n-Butylbenzene | ND | 0.0027 | 0.00019 | ND | 0.0027 | 0.00019 | ND | 0.0036 | 0.00026 | ND | 0.020 | 0.0015 |
| 1,2-Dichlorobenzene | ND | 0.0027 | 0.00033 | ND | 0.0027 | 0.00033 | ND | 0.0036 | 0.00045 | ND | 0.020 | 0.0025 |
| 1,2,4-Trichlorobenzene | ND | 0.0053 | 0.00044 | ND | 0.0053 | 0.00044 | ND | 0.0072 | 0.00060 | ND | 0.040 | 0.0033 |
| Hexachlorobutadiene | ND | 0.0027 | 0.00016 | ND | 0.0027 | 0.00016 | ND | 0.0036 | 0.00021 | ND | 0.020 | 0.0012 |
| t-Butanol | ND | 0.013 | 0.00051 | ND | 0.013 | 0.00051 | ND | 0.018 | 0.00069 | ND | 0.10 | 0.0039 |
| n-Hexane | ND | 0.013 | 0.00036 | 0.0020 J | 0.013 | 0.00036 | 0.60 | 0.018 | 0.00049 | 0.76 | 0.10 | 0.0027 |
| Isopropyl ether | ND | 0.013 | 0.00030 | ND | 0.013 | 0.00030 | ND | 0.018 | 0.00040 | ND | 0.10 | 0.0022 |
| t-Butyl ethyl ether | ND | 0.013 | 0.00053 | ND | 0.013 | 0.00053 | ND | 0.018 | 0.00072 | ND | 0.10 | 0.0040 |
| 2,2-Dichloropropane | ND | 0.013 | 0.00025 | ND | 0.013 | 0.00025 | ND | 0.018 | 0.00034 | ND | 0.10 | 0.0019 |
| t-Amyl methyl ether | ND | 0.013 | 0.00019 | ND | 0.013 | 0.00019 | ND | 0.018 | 0.00025 | ND | 0.10 | 0.0014 |
| t-1,2-Dichloroethene | ND | 0.0027 | 0.00080 | ND | 0.0027 | 0.00080 | ND | 0.0036 | 0.0011 | ND | 0.020 | 0.0060 |
| 1,2,3-Trichlorobenzene (TIC) | ND | -- | -- | ND | -- | -- | ND | -- | -- | ND | -- | -- |

MDL = Method Detection Limit
 ND= Not Detected (below MDL)
 RL = Reporting Limit
 J = Trace amount. Analyte concentration between RL and MDL.
 Q = Refer to report narrative
 Reviewed/Approved By: Mark Johnson
 Operations Manager

Date 2/9/22

The cover letter is an integral part of this analytical report



Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 02/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | METHOD BLANK | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|--------------|---------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Client Sample I.D.: | -- | | | | | | | | | | | | | | | | | | | | | |
| Date/Time Sampled: | -- | | | | | | | | | | | | | | | | | | | | | |
| Date/Time Analyzed: | 2/7/22 13:16 | | | | | | | | | | | | | | | | | | | | | |
| QC Batch No.: | 220207MS2A1 | | | | | | | | | | | | | | | | | | | | | |
| Analyst Initials: | DT | | | | | | | | | | | | | | | | | | | | | |
| Dilution Factor: | 0.20 | | | | | | | | | | | | | | | | | | | | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | | | | | | | | | | | | | | | | | | | |
| Benzene | 0.000053 J | 0.00020 | 0.000019 | | | | | | | | | | | | | | | | | | | |
| Chloroform | ND | 0.00020 | 0.000028 | | | | | | | | | | | | | | | | | | | |
| Carbon Tetrachloride | ND | 0.00020 | 0.000035 | | | | | | | | | | | | | | | | | | | |
| 1,4-Dioxane | ND | 0.0010 | 0.000035 | | | | | | | | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.00020 | 0.000029 | | | | | | | | | | | | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.00020 | 0.000027 | | | | | | | | | | | | | | | | | | | |
| Ethylbenzene | ND | 0.00020 | 0.000011 | | | | | | | | | | | | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.00020 | 0.000015 | | | | | | | | | | | | | | | | | | | |
| Methylene Chloride | ND | 0.00020 | 0.000057 | | | | | | | | | | | | | | | | | | | |
| t-Butyl Methyl Ether (MTBE) | ND | 0.00020 | 0.000045 | | | | | | | | | | | | | | | | | | | |
| Tetrachloroethene | ND | 0.00020 | 0.000024 | | | | | | | | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.00020 | 0.000032 | | | | | | | | | | | | | | | | | | | |
| Trichloroethene | ND | 0.00020 | 0.000028 | | | | | | | | | | | | | | | | | | | |
| Vinyl Chloride | ND | 0.00020 | 0.000032 | | | | | | | | | | | | | | | | | | | |
| Naphthalene | ND | 0.0010 | 0.000077 | | | | | | | | | | | | | | | | | | | |
| c-1,2-Dichloroethene | ND | 0.00020 | 0.000039 | | | | | | | | | | | | | | | | | | | |
| 2-Butanone | ND | 0.00020 | 0.00012 | | | | | | | | | | | | | | | | | | | |
| Dichlorodifluoromethane (12) | ND | 0.00020 | 0.000031 | | | | | | | | | | | | | | | | | | | |
| Chloromethane | ND | 0.00040 | 0.000044 | | | | | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.00020 | 0.000020 | | | | | | | | | | | | | | | | | | | |
| 1,2-CI-1,1,2,2-F ethane (114) | ND | 0.00020 | 0.000040 | | | | | | | | | | | | | | | | | | | |
| Bromomethane | ND | 0.00020 | 0.000059 | | | | | | | | | | | | | | | | | | | |
| Chloroethane | ND | 0.00020 | 0.00017 | | | | | | | | | | | | | | | | | | | |
| Trichlorofluoromethane (11) | ND | 0.00020 | 0.000043 | | | | | | | | | | | | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.00020 | 0.000036 | | | | | | | | | | | | | | | | | | | |
| Bromodichloromethane | ND | 0.00020 | 0.000012 | | | | | | | | | | | | | | | | | | | |
| c-1,3-Dichloropropene | ND | 0.00020 | 0.000024 | | | | | | | | | | | | | | | | | | | |
| 4-Methyl-2-Pentanone | ND | 0.00020 | 0.000013 | | | | | | | | | | | | | | | | | | | |
| Toluene | ND | 0.00020 | 0.000016 | | | | | | | | | | | | | | | | | | | |
| t-1,3-Dichloropropene | ND | 0.00020 | 0.000021 | | | | | | | | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 0.00020 | 0.000045 | | | | | | | | | | | | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.00020 | 0.0000099 | | | | | | | | | | | | | | | | | | | |
| Carbon Disulfide | ND | 0.0010 | 0.000048 | | | | | | | | | | | | | | | | | | | |
| 2-Hexanone | ND | 0.00020 | 0.000041 | | | | | | | | | | | | | | | | | | | |
| Dibromochloromethane | ND | 0.00020 | 0.000036 | | | | | | | | | | | | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.00020 | 0.000018 | | | | | | | | | | | | | | | | | | | |
| Chlorobenzene | ND | 0.00020 | 0.000016 | | | | | | | | | | | | | | | | | | | |
| 1,1,2-CI 1,2,2-F ethane (113) | ND | 0.00020 | 0.000054 | | | | | | | | | | | | | | | | | | | |
| p,&m-Xylene | ND | 0.00020 | 0.000023 | | | | | | | | | | | | | | | | | | | |



Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 02/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | METHOD BLANK | | | | | | | | | | | | | |
|------------------------------|--------------|---------|----------|--|--|--|--|--|--|--|--|--|--|--|
| Client Sample I.D.: | -- | | | | | | | | | | | | | |
| Date/Time Sampled: | -- | | | | | | | | | | | | | |
| Date/Time Analyzed: | 2/7/22 13:16 | | | | | | | | | | | | | |
| QC Batch No.: | 220207MS2A1 | | | | | | | | | | | | | |
| Analyst Initials: | DT | | | | | | | | | | | | | |
| Dilution Factor: | 0.20 | | | | | | | | | | | | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | | | | | | | | | | | |
| o-Xylene | ND | 0.00020 | 0.000024 | | | | | | | | | | | |
| Styrene | ND | 0.00020 | 0.000026 | | | | | | | | | | | |
| Bromoform | ND | 0.00020 | 0.000011 | | | | | | | | | | | |
| Isopropyl benzene | ND | 0.00020 | 0.000021 | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.00040 | 0.000012 | | | | | | | | | | | |
| Benzyl Chloride | ND | 0.00020 | 0.000037 | | | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 0.00020 | 0.000054 | | | | | | | | | | | |
| n-Propyl Benzene | ND | 0.00020 | 0.000012 | | | | | | | | | | | |
| 4-Ethyl Toluene | ND | 0.00020 | 0.000013 | | | | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.00040 | 0.000035 | | | | | | | | | | | |
| 4-Chlorotoluene | ND | 0.00020 | 0.000024 | | | | | | | | | | | |
| tert-Butylbenzene | ND | 0.00020 | 0.000018 | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.00040 | 0.000023 | | | | | | | | | | | |
| sec-Butylbenzene | ND | 0.00020 | 0.000019 | | | | | | | | | | | |
| p-Isopropyltoluene | ND | 0.00020 | 0.000026 | | | | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.00020 | 0.000024 | | | | | | | | | | | |
| Acetone | ND | 0.0010 | 0.000058 | | | | | | | | | | | |
| n-Butylbenzene | ND | 0.00020 | 0.000015 | | | | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.00020 | 0.000025 | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.00040 | 0.000033 | | | | | | | | | | | |
| Hexachlorobutadiene | ND | 0.00020 | 0.000012 | | | | | | | | | | | |
| t-Butanol | ND | 0.0010 | 0.000038 | | | | | | | | | | | |
| n-Hexane | ND | 0.0010 | 0.000027 | | | | | | | | | | | |
| Isopropyl ether | ND | 0.0010 | 0.000022 | | | | | | | | | | | |
| t-Butyl ethyl ether | ND | 0.0010 | 0.000040 | | | | | | | | | | | |
| 2,2-Dichloropropane | ND | 0.0010 | 0.000019 | | | | | | | | | | | |
| t-Amyl methyl ether | ND | 0.0010 | 0.000014 | | | | | | | | | | | |
| t-1,2-Dichloroethene | ND | 0.00020 | 0.000060 | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene (TIC) | ND | -- | -- | | | | | | | | | | | |

MDL = Method Detection Limit
 ND= Not Detected (below MDL)
 RL = Reporting Limit
 J = Trace amount. Analyte concentration between RL and MDL.

Reviewed/Approved By: Mark Johnson Date 2/9/22
 Mark Johnson
 Operations Manager

The cover letter is an integral part of this analytical report



LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 220207MS2A1

Matrix: Air

Reporting Units: ppmv

**EPA Method TO15
LABORATORY CONTROL SAMPLE SUMMARY**

| Lab No.: | METHOD BLANK | | | LCS | | LCS | | | | | |
|---------------------------|--------------|---------|-----------|--------------|--------|-------------|--------|-----|----------|-----------|----------|
| Date/Time Analyzed: | 2/7/22 13:16 | | | 2/7/22 11:57 | | 2/8/22 5:24 | | | | | |
| Analyst Initials: | DT | | | DT | | DT | | | | | |
| Dilution Factor: | 0.20 | | | 1.0 | | 1.0 | | | | | |
| ANALYTE | Result ppmv | RL ppmv | AMT. ppmv | Result ppmv | % Rec. | Result ppmv | % Rec. | RPD | Low %Rec | High %Rec | Max. RPD |
| 1,1-Dichloroethene | ND | 0.00020 | 0.010 | 0.00902 | 90.2 | 0.00884 | 88.4 | 2.0 | 70 | 130 | 30.0 |
| Methylene Chloride | ND | 0.00020 | 0.010 | 0.00899 | 89.9 | 0.00896 | 89.6 | 0.4 | 70 | 130 | 30.0 |
| Trichloroethene | ND | 0.00020 | 0.010 | 0.00899 | 89.9 | 0.00930 | 93.0 | 3.4 | 70 | 130 | 30.0 |
| Toluene | ND | 0.00020 | 0.010 | 0.00920 | 92.0 | 0.00927 | 92.7 | 0.8 | 70 | 130 | 30.0 |
| 1,1,2,2-Tetrachloroethane | ND | 0.00020 | 0.010 | 0.00815 | 81.5 | 0.00802 | 80.2 | 1.6 | 70 | 130 | 30.0 |

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Mark Johnson
Operations Manager

Date: _____

2/9/22

The cover letter is an integral part of this analytical report




Client: Jacobs
Attn: Eric Davis
Project Name: SFPP Norwalk
Project No.: NA
Date Received: 02/02/22
Matrix: Air
Reporting Units: ppmv

EPA METHOD TO3

| Lab No.: | N020205-01 | N020205-02 | N020205-03 | N020205-04 | | | | |
|---------------------|----------------|---------------|----------------|--------------|----------------|------------|----------------|------------|
| Client Sample I.D.: | VEFF-020122 | VEFF-020122-D | VPOST-020122 | VINF-020122 | | | | |
| Date/Time Sampled: | 2/1/22 10:45 | 2/1/22 10:45 | 2/1/22 10:50 | 2/1/22 11:00 | | | | |
| Date/Time Analyzed: | 2/7/22 13:59 | 2/7/22 14:22 | 2/7/22 17:07 | 2/7/22 17:29 | | | | |
| QC Batch No.: | 220207GC11A1 | 220207GC11A1 | 220207GC11A1 | 220207GC11A1 | | | | |
| Analyst Initials: | CM | CM | CM | CM | | | | |
| Dilution Factor: | 2.7 | 2.7 | 2.5 | 2.5 | | | | |
| ANALYTE | Result ppmv | RL ppmv | Result ppmv | RL ppmv | Result ppmv | RL ppmv | Result ppmv | RL ppmv |
| TVOC as Hexane | ND | 2.7 | ND | 2.7 | 43 | 2.5 | 79 | 2.5 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: _____


 Mark Johnson
 Operations Manager

Date 2/9/22

The cover letter is an integral part of this analytical report



QC Batch No: 220207GC11A1

Matrix: Air

Reporting Units: ppmv

**EPA METHOD TO3
LABORATORY CONTROL SAMPLE SUMMARY**

| | | | | | | | | | | | |
|--------------------------|--------------------|----------------|------------------------|--------------------|---------------|--------------------|---------------|--------------|-----------------|------------------|-----------------|
| Lab No.: | METHOD BLANK | | | LCS | | LCSD | | | | | |
| Date Analyzed: | 2/7/22 10:39 | | | 2/7/22 9:07 | | 2/7/22 9:29 | | | | | |
| Analyst Initials: | CM | | | CM | | CM | | | | | |
| Dilution Factor: | 1.0 | | | 1.0 | | 1.0 | | | | | |
| ANALYTE | Result ppmv | RL ppmv | SPIKE AMT. ppmv | Result ppmv | % Rec. | Result ppmv | % Rec. | RPD % | Low %Rec | High %Rec | Max. RPD |
| TVOC as Hexane | ND | 1.0 | 5.0 | 5.00 | 100 | 5.01 | 100 | 0.2 | 70 | 130 | 25 |

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____



Mark Johnson
Operations Manager

Date _____

2/9/22

The cover letter is an integral part of this analytical report



Client: Jacobs
Attn: Eric Davis
Project Name: SFPP Norwalk
Project No.: NA
Date Received: 02/02/22
Matrix: Air
Reporting Units: % v/v

ASTM D1946

| | | | | | | | | |
|----------------------------|-------------------------|---------------------|--|--|--|--|--|--|
| Lab No.: | N020205-04 | | | | | | | |
| Client Sample I.D.: | VINF-020122 | | | | | | | |
| Date/Time Sampled: | 2/1/22 11:00 | | | | | | | |
| Date/Time Analyzed: | 2/9/22 9:14 | | | | | | | |
| QC Batch No.: | 220208GC8A2 | | | | | | | |
| Analyst Initials: | CM | | | | | | | |
| Dilution Factor: | 2.5 | | | | | | | |
| ANALYTE | Result % v/v | RL % v/v | | | | | | |
| Carbon Dioxide | 0.97 | 0.025 | | | | | | |
| Oxygen/Argon | 21 | 1.3 | | | | | | |
| Nitrogen | 78 | 2.5 | | | | | | |
| Methane | ND | 0.0025 | | | | | | |
| | | | | | | | | |

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____



Mark Johnson
Operations Manager

Date _____

2/9/22

The cover letter is an integral part of this analytical report

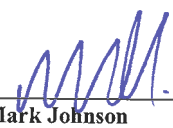


QC Batch No: 220208GC8A2
 Matrix: Air
 Reporting Units: % v/v

ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY

| Lab No.: | METHOD BLANK | | | LCS | | LCS D | | | | | |
|-------------------|-----------------|-------------|------------------------|-----------------|--------|-----------------|--------|----------|-------------|--------------|-------------|
| Date Analyzed: | 2/8/22 15:24 | | | 2/8/22 16:36 | | 2/8/22 16:50 | | | | | |
| Analyst Initials: | CM | | | CM | | CM | | | | | |
| Dilution Factor: | 1.0 | | | 1.0 | | 1.0 | | Limits | | | |
| ANALYTE | Result % v/v | RL % v/v | SPIKE AMT. % v/v | Result % v/v | % Rec. | Result % v/v | % Rec. | RPD % | Low %Rec | High %Rec | Max. RPD |
| Carbon Dioxide | ND | 0.010 | 10 | 9.26 | 92 | 8.82 | 88 | 4.9 | 70 | 130 | 30 |
| Oxygen/Argon | ND | 0.50 | 15 | 15.7 | 106 | 15.9 | 107 | 1.1 | 70 | 130 | 30 |
| Nitrogen | ND | 1.0 | 70 | 70.8 | 101 | 71.0 | 101 | 0.3 | 70 | 130 | 30 |
| Methane | ND | 0.0010 | 0.10 | 0.103 | 103 | 0.102 | 102 | 1.4 | 70 | 130 | 30 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: 
Mark Johnson
 Operations Manager

Date: 2/9/22

The cover letter is an integral part of this analytical report





March 11, 2022

Jacobs
ATTN: Eric Davis
1000 Wilshire Blvd., Suite 2100
Los Angeles, CA 90017



LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C,
ASTM D1946, RSK-175
TX Cert T104704450-14-6
EPA Methods TO14A, TO15
UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

LABORATORY TEST RESULTS

Project Reference: SFPP Norwalk
Lab Number: N030204-01/04

Enclosed are results for sample(s) received 3/02/22 by Air Technology Laboratories. Samples were received intact. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Naphthalene exhibited a high RSD (relative standard deviation) in the calibration. Results are estimated and have been qualified with the Q flag.
- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

Preliminary results were e-mailed to Eric Davis, Nils Orliczky and Danny Hill on 3/09/22.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Johnson", with a small number "1" written to the right of the signature.

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

N030204-01/04

Air Technology Laboratories, Inc.
18501 Gale Ave. #130
City of Industry, CA 91748
Tel: 626-964-4032
Joann De La Ossa (JDeLaOssa@airtechlabs.com)

CHAIN OF CUSTODY RECORD

DATE: 3/1/22
PAGE: 1 of 1

| | | | | | | | |
|--|--|---|--|--|--|--|--|
| Section A Required Client Information: | | Section B Required Project Information: | | Section C Invoice Information: | | Section D Sampler Information: | |
| Company: Jacobs Attention: Eric Davis | | Report To: Eric Davis | | Attention: Eric Davis | | Sampler: James Dye | |
| Address: 1000 Wilshire Blvd. Suite 2100 Los Angeles, CA 90017 | | Copy To: Court Reece | | Company: Jacobs | | Name: | |
| Email To: eric.davis@jacobs.com | | Purchase Order No.: | | Address: 1000 Wilshire Blvd. Suite 2100 Los Angeles, CA 90017 | | Signature: | |
| Phone: 404-323-1600 Fax: | | Project Name: SFPP Norwalk | | Project Manager: Joann De La Ossa | | Sample Date: 3/1/22 | |

| ITEM # | SAMPLE ID | LOCATION/ DESCRIPTION | MATRIX | SAMPLE TYPE (E-G-RAB, C-COMP) | CONTAINER TYPE | | TOTAL # OF CONTAINERS | Analysis Test | TO-8 (Total VOCs as Hexane) | TO-15 (VOCs, Target Analytes) | ASTM D 1541 (07/19 Rev. COC, CH, H2) | Comments |
|--------|---------------|------------------------------|--------|-------------------------------|-----------------|--------------|-----------------------|---------------|-----------------------------|-------------------------------|--------------------------------------|--|
| | | | | | # OF CONTAINERS | PRESERVATIVE | | | | | | |
| | | | | | VOLUME (mL) | | SAMPLING | | | | | |
| | | | | | DATE | TIME | | | | | | |
| 1 | VEFF-030122 | Effluent (stack) | Vapor | G | | | 1 | X | X | | | Individually Certified 6-Liter SUMMA |
| 2 | VEFF-030122_D | Effluent (stack) (duplicate) | Vapor | G | | | 1 | X | X | | | Individually Certified 6-Liter SUMMA |
| 3 | VPOST-030122 | Influent (post-dilution) | Vapor | G | | | 1 | X | X | | | Individually Certified 1-Liter SUMMA |
| 4 | VINF-030122 | Influent (pre-dilution) | Vapor | G | | | 1 | X | X | X | | Batch Certified 1-Liter Summa |
| 5 | | | | | | | | | | | | Target analytes includes Historical VOCs and remaining ATLI list per subcontract |
| 6 | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | |

| | | | |
|---|--|---|----------------------|
| Retransmitted by (Signature and Printed Name): Date / Time: 3/1/22 1430 | Retransmitted by (Signature and Printed Name): FED Ex Date / Time: 3/1/22 1430 | Turn Around Time (TAT): DA = Same Day DB = 24 Hours DC = 48 Hours DD = 72 Hours DE = 5 Workdays DF = 10 Workdays TAT Starts at 8 AM the following day if samples received after 3:00 PM. | Special Instruction: |
| Retransmitted by (Signature and Printed Name): FGN Ex Date / Time: 3/2/22 | Retransmitted by (Signature and Printed Name): J... Date / Time: 3/2/22 1329 | | |

| | | | | | | | | | |
|-----------------|-----------------|----------|-----------------------|----------|-------------|------------------------|-------------|-----------|-----------|
| Matrix: | | | Preservatives: | | | Container Type: | | | |
| W = Water | WW = Wastewater | | H = HCl | N = HNO3 | S = H2SO4 | T = Tube | V = VOA | P = Pint | A = Amber |
| G = Oil | P = Product | S = Soil | Z = Zn[AC]2 | O = NaOH | T = Na2S2O3 | J = Jar | B = Tedlar | G = Glass | |
| Others/Specify: | | | Others/Specify: | | | M = Metal | P = Plastic | C = Can | |

Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 03/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | N030204-01 | | | N030204-02 | | | N030204-03 | | | N030204-04 | | |
|-------------------------------|--------------|---------|----------|---------------|---------|----------|--------------|---------|----------|--------------|---------|----------|
| Client Sample I.D.: | VEFF-030122 | | | VEFF-030122-D | | | VPOST-030122 | | | VINP-030122 | | |
| Date/Time Sampled: | 3/1/22 12:10 | | | 3/1/22 12:10 | | | 3/1/22 12:15 | | | 3/1/22 12:25 | | |
| Date/Time Analyzed: | 3/9/22 10:40 | | | 3/9/22 11:18 | | | 3/9/22 13:59 | | | 3/9/22 14:38 | | |
| QC Batch No.: | 220309MS2A1 | | | 220309MS2A1 | | | 220309MS2A1 | | | 220309MS2A1 | | |
| Analyst Initials: | DT | | | DT | | | DT | | | DT | | |
| Dilution Factor: | 2.5 | | | 2.5 | | | 2.5 | | | 2.5 | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv |
| Benzene | 0.00093 J | 0.0025 | 0.00024 | 0.00094 J | 0.0025 | 0.00024 | 0.061 | 0.0025 | 0.00024 | 0.072 | 0.0025 | 0.00024 |
| Chloroform | ND | 0.0025 | 0.00035 | ND | 0.0025 | 0.00035 | 0.0011 J | 0.0025 | 0.00035 | 0.0014 J | 0.0025 | 0.00035 |
| Carbon Tetrachloride | ND | 0.0025 | 0.00044 | ND | 0.0025 | 0.00044 | ND | 0.0025 | 0.00044 | ND | 0.0025 | 0.00044 |
| 1,4-Dioxane | ND | 0.013 | 0.00044 | ND | 0.013 | 0.00044 | ND | 0.013 | 0.00044 | ND | 0.013 | 0.00044 |
| 1,4-Dichlorobenzene | ND | 0.0025 | 0.00037 | 0.00053 J | 0.0025 | 0.00037 | ND | 0.0025 | 0.00037 | ND | 0.0025 | 0.00037 |
| 1,1-Dichloroethane | ND | 0.0025 | 0.00034 | ND | 0.0025 | 0.00034 | ND | 0.0025 | 0.00034 | 0.00040 J | 0.0025 | 0.00034 |
| Ethylbenzene | 0.012 | 0.0025 | 0.00015 | 0.012 | 0.0025 | 0.00015 | 0.086 | 0.0025 | 0.00015 | 0.12 | 0.0025 | 0.00015 |
| 1,2-Dichloroethane | ND | 0.0025 | 0.00019 | ND | 0.0025 | 0.00019 | ND | 0.0025 | 0.00019 | 0.0011 J | 0.0025 | 0.00019 |
| Methylene Chloride | ND | 0.0025 | 0.00072 | ND | 0.0025 | 0.00072 | ND | 0.0025 | 0.00072 | ND | 0.0025 | 0.00072 |
| t-Butyl Methyl Ether (MTBE) | ND | 0.0025 | 0.00056 | ND | 0.0025 | 0.00056 | ND | 0.0025 | 0.00056 | ND | 0.0025 | 0.00056 |
| Tetrachloroethene | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 |
| 1,1,2-Trichloroethane | ND | 0.0025 | 0.00041 | ND | 0.0025 | 0.00041 | ND | 0.0025 | 0.00041 | ND | 0.0025 | 0.00041 |
| Trichloroethene | ND | 0.0025 | 0.00036 | ND | 0.0025 | 0.00036 | ND | 0.0025 | 0.00036 | ND | 0.0025 | 0.00036 |
| Vinyl Chloride | ND | 0.0025 | 0.00041 | ND | 0.0025 | 0.00041 | ND | 0.0025 | 0.00041 | ND | 0.0025 | 0.00041 |
| Naphthalene | ND | 0.013 | 0.00097 | 0.0026 J | 0.013 | 0.00097 | ND | 0.013 | 0.00097 | 0.0023 J | 0.013 | 0.00097 |
| c-1,2-Dichloroethene | ND | 0.0025 | 0.00049 | ND | 0.0025 | 0.00049 | ND | 0.0025 | 0.00049 | ND | 0.0025 | 0.00049 |
| 2-Butanone | 0.017 | 0.0025 | 0.0016 | 0.014 | 0.0025 | 0.0016 | 0.0025 J | 0.0025 | 0.0016 | 0.0044 | 0.0025 | 0.0016 |
| Dichlorodifluoromethane (12) | ND | 0.0025 | 0.00039 | ND | 0.0025 | 0.00039 | 0.00051 J | 0.0025 | 0.00039 | 0.00049 J | 0.0025 | 0.00039 |
| Chloromethane | ND | 0.0051 | 0.00056 | ND | 0.0051 | 0.00056 | ND | 0.0051 | 0.00056 | ND | 0.0051 | 0.00056 |
| 1,1,1-Trichloroethane | ND | 0.0025 | 0.00025 | ND | 0.0025 | 0.00025 | ND | 0.0025 | 0.00025 | ND | 0.0025 | 0.00025 |
| 1,2-CI-1,1,2,2-F ethane (114) | ND | 0.0025 | 0.00051 | ND | 0.0025 | 0.00051 | ND | 0.0025 | 0.00051 | ND | 0.0025 | 0.00051 |
| Bromomethane | ND | 0.0025 | 0.00074 | ND | 0.0025 | 0.00074 | ND | 0.0025 | 0.00074 | ND | 0.0025 | 0.00074 |
| Chloroethane | ND | 0.0025 | 0.0021 | ND | 0.0025 | 0.0021 | ND | 0.0025 | 0.0021 | ND | 0.0025 | 0.0021 |
| Trichlorofluoromethane (11) | ND | 0.0025 | 0.00054 | ND | 0.0025 | 0.00054 | ND | 0.0025 | 0.00054 | ND | 0.0025 | 0.00054 |
| 1,2-Dichloropropane | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 |
| Bromodichloromethane | ND | 0.0025 | 0.00015 | ND | 0.0025 | 0.00015 | ND | 0.0025 | 0.00015 | ND | 0.0025 | 0.00015 |
| c-1,3-Dichloropropene | 0.00063 J | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 |
| 4-Methyl-2-Pentanone | ND | 0.0025 | 0.00017 | 0.0038 | 0.0025 | 0.00017 | ND | 0.0025 | 0.00017 | ND | 0.0025 | 0.00017 |
| Toluene | 0.0058 | 0.0025 | 0.00020 | 0.0066 | 0.0025 | 0.00020 | 0.15 | 0.0025 | 0.00020 | 0.20 | 0.0025 | 0.00020 |
| t-1,3-Dichloropropene | ND | 0.0025 | 0.00026 | ND | 0.0025 | 0.00026 | ND | 0.0025 | 0.00026 | ND | 0.0025 | 0.00026 |
| 1,1-Dichloroethene | ND | 0.0025 | 0.00057 | ND | 0.0025 | 0.00057 | ND | 0.0025 | 0.00057 | ND | 0.0025 | 0.00057 |
| 1,3-Dichloropropane | ND | 0.0025 | 0.00013 | ND | 0.0025 | 0.00013 | ND | 0.0025 | 0.00013 | ND | 0.0025 | 0.00013 |
| Carbon Disulfide | 0.16 | 0.013 | 0.00061 | 0.081 | 0.013 | 0.00061 | 0.046 | 0.013 | 0.00061 | 0.0100 J | 0.013 | 0.00061 |
| 2-Hexanone | ND | 0.0025 | 0.00052 | ND | 0.0025 | 0.00052 | ND | 0.0025 | 0.00052 | ND | 0.0025 | 0.00052 |
| Dibromochloromethane | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 |
| 1,2-Dibromoethane | ND | 0.0025 | 0.00023 | ND | 0.0025 | 0.00023 | ND | 0.0025 | 0.00023 | ND | 0.0025 | 0.00023 |
| Chlorobenzene | ND | 0.0025 | 0.00020 | ND | 0.0025 | 0.00020 | 0.0057 | 0.0025 | 0.00020 | 0.0078 | 0.0025 | 0.00020 |
| 1,1,2-CI 1,2,2-F ethane (113) | ND | 0.0025 | 0.00068 | ND | 0.0025 | 0.00068 | ND | 0.0025 | 0.00068 | ND | 0.0025 | 0.00068 |
| p,&m-Xylene | 0.080 | 0.0025 | 0.00029 | 0.077 | 0.0025 | 0.00029 | 0.59 | 0.0025 | 0.00029 | 0.74 | 0.0025 | 0.00029 |



Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 03/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | N030204-01 | | | N030204-02 | | | N030204-03 | | | N030204-04 | | |
|------------------------------|--------------|---------|----------|---------------|---------|----------|--------------|---------|----------|--------------|---------|----------|
| Client Sample I.D.: | VEFF-030122 | | | VEFF-030122-D | | | VPOST-030122 | | | VINP-030122 | | |
| Date/Time Sampled: | 3/1/22 12:10 | | | 3/1/22 12:10 | | | 3/1/22 12:15 | | | 3/1/22 12:25 | | |
| Date/Time Analyzed: | 3/9/22 10:40 | | | 3/9/22 11:18 | | | 3/9/22 13:59 | | | 3/9/22 14:38 | | |
| QC Batch No.: | 220309MS2A1 | | | 220309MS2A1 | | | 220309MS2A1 | | | 220309MS2A1 | | |
| Analyst Initials: | DT | | | DT | | | DT | | | DT | | |
| Dilution Factor: | 2.5 | | | 2.5 | | | 2.5 | | | 2.5 | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv | Result ppmv | RL ppmv | MDL ppmv |
| o-Xylene | 0.027 | 0.0025 | 0.00031 | 0.027 | 0.0025 | 0.00031 | 0.31 | 0.0025 | 0.00031 | 0.45 | 0.0025 | 0.00031 |
| Styrene | 0.0014 J | 0.0025 | 0.00032 | 0.0014 J | 0.0025 | 0.00032 | 0.0092 | 0.0025 | 0.00032 | 0.013 | 0.0025 | 0.00032 |
| Bromoform | ND | 0.0025 | 0.00014 | ND | 0.0025 | 0.00014 | ND | 0.0025 | 0.00014 | ND | 0.0025 | 0.00014 |
| Isopropyl benzene | 0.00077 J | 0.0025 | 0.00026 | 0.00066 J | 0.0025 | 0.00026 | 0.011 | 0.0025 | 0.00026 | 0.018 | 0.0025 | 0.00026 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0051 | 0.00015 | ND | 0.0051 | 0.00015 | ND | 0.0051 | 0.00015 | ND | 0.0051 | 0.00015 |
| Benzyl Chloride | ND | 0.0025 | 0.00046 | ND | 0.0025 | 0.00046 | 0.00063 J | 0.0025 | 0.00046 | 0.0012 J | 0.0025 | 0.00046 |
| 1,2,3-Trichloropropane | ND | 0.0025 | 0.00068 | ND | 0.0025 | 0.00068 | ND | 0.0025 | 0.00068 | ND | 0.0025 | 0.00068 |
| n-Propyl Benzene | 0.0013 J | 0.0025 | 0.00015 | 0.0013 J | 0.0025 | 0.00015 | 0.017 | 0.0025 | 0.00015 | 0.028 | 0.0025 | 0.00015 |
| 4-Ethyl Toluene | 0.0048 | 0.0025 | 0.00016 | 0.0055 | 0.0025 | 0.00016 | 0.18 | 0.0025 | 0.00016 | 0.31 | 0.0025 | 0.00016 |
| 1,3,5-Trimethylbenzene | 0.0023 J | 0.0051 | 0.00044 | 0.0024 J | 0.0051 | 0.00044 | 0.14 | 0.0051 | 0.00044 | 0.25 | 0.0051 | 0.00044 |
| 4-Chlorotoluene | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 | ND | 0.0025 | 0.00030 |
| tert-Butylbenzene | ND | 0.0025 | 0.00023 | ND | 0.0025 | 0.00023 | ND | 0.0025 | 0.00023 | ND | 0.0025 | 0.00023 |
| 1,2,4-Trimethylbenzene | 0.0050 J | 0.0051 | 0.00029 | 0.0059 | 0.0051 | 0.00029 | 0.11 | 0.0051 | 0.00029 | 0.20 | 0.0051 | 0.00029 |
| sec-Butylbenzene | ND | 0.0025 | 0.00024 | ND | 0.0025 | 0.00024 | 0.0032 | 0.0025 | 0.00024 | 0.0059 | 0.0025 | 0.00024 |
| p-Isopropyltoluene | 0.0065 | 0.0025 | 0.00033 | 0.0100 | 0.0025 | 0.00033 | 0.0036 | 0.0025 | 0.00033 | 0.0054 | 0.0025 | 0.00033 |
| 1,3-Dichlorobenzene | ND | 0.0025 | 0.00031 | ND | 0.0025 | 0.00031 | ND | 0.0025 | 0.00031 | ND | 0.0025 | 0.00031 |
| Acetone | 0.066 | 0.013 | 0.00073 | 0.081 | 0.013 | 0.00073 | 0.24 | 0.013 | 0.00073 | 0.20 | 0.013 | 0.00073 |
| n-Butylbenzene | 0.00064 J | 0.0025 | 0.00018 | 0.00067 J | 0.0025 | 0.00018 | ND | 0.0025 | 0.00018 | ND | 0.0025 | 0.00018 |
| 1,2-Dichlorobenzene | ND | 0.0025 | 0.00031 | ND | 0.0025 | 0.00031 | ND | 0.0025 | 0.00031 | ND | 0.0025 | 0.00031 |
| 1,2,4-Trichlorobenzene | ND | 0.0051 | 0.00042 | ND | 0.0051 | 0.00042 | ND | 0.0051 | 0.00042 | ND | 0.0051 | 0.00042 |
| Hexachlorobutadiene | ND | 0.0025 | 0.00015 | ND | 0.0025 | 0.00015 | ND | 0.0025 | 0.00015 | ND | 0.0025 | 0.00015 |
| t-Butanol | 0.0029 J | 0.013 | 0.00048 | 0.0036 J | 0.013 | 0.00048 | ND | 0.013 | 0.00048 | ND | 0.013 | 0.00048 |
| n-Hexane | 0.0011 J | 0.013 | 0.00034 | 0.00089 J | 0.013 | 0.00034 | 0.47 | 0.013 | 0.00034 | 0.54 | 0.013 | 0.00034 |
| Isopropyl ether | ND | 0.013 | 0.00028 | ND | 0.013 | 0.00028 | ND | 0.013 | 0.00028 | ND | 0.013 | 0.00028 |
| t-Butyl ethyl ether | ND | 0.013 | 0.00050 | ND | 0.013 | 0.00050 | ND | 0.013 | 0.00050 | ND | 0.013 | 0.00050 |
| 2,2-Dichloropropane | ND | 0.013 | 0.00024 | ND | 0.013 | 0.00024 | ND | 0.013 | 0.00024 | ND | 0.013 | 0.00024 |
| t-Amyl methyl ether | ND | 0.013 | 0.00018 | ND | 0.013 | 0.00018 | ND | 0.013 | 0.00018 | ND | 0.013 | 0.00018 |
| t-1,2-Dichloroethene | ND | 0.0025 | 0.00076 | ND | 0.0025 | 0.00076 | ND | 0.0025 | 0.00076 | ND | 0.0025 | 0.00076 |
| 1,2,3-Trichlorobenzene (TIC) | ND | -- | -- | ND | -- | -- | ND | -- | -- | ND | -- | -- |

MDL = Method Detection Limit
 ND= Not Detected (below MDL)
 RL = Reporting Limit
 J = Trace amount. Analyte concentration between RL and MDL.

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 3/9/22

The cover letter is an integral part of this analytical report



Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 03/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | METHOD BLANK | | | | | | | | | | | | | | |
|-------------------------------|--------------|---------|-----------|--|--|--|--|--|--|--|--|--|--|--|--|
| Client Sample I.D.: | -- | | | | | | | | | | | | | | |
| Date/Time Sampled: | -- | | | | | | | | | | | | | | |
| Date/Time Analyzed: | 3/9/22 7:29 | | | | | | | | | | | | | | |
| QC Batch No.: | 220309MS2A1 | | | | | | | | | | | | | | |
| Analyst Initials: | DT | | | | | | | | | | | | | | |
| Dilution Factor: | 0.20 | | | | | | | | | | | | | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | | | | | | | | | | | | |
| Benzene | ND | 0.00020 | 0.000019 | | | | | | | | | | | | |
| Chloroform | ND | 0.00020 | 0.000028 | | | | | | | | | | | | |
| Carbon Tetrachloride | ND | 0.00020 | 0.000035 | | | | | | | | | | | | |
| 1,4-Dioxane | ND | 0.0010 | 0.000035 | | | | | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 0.00020 | 0.000029 | | | | | | | | | | | | |
| 1,1-Dichloroethane | ND | 0.00020 | 0.000027 | | | | | | | | | | | | |
| Ethylbenzene | 0.000016 J | 0.00020 | 0.000011 | | | | | | | | | | | | |
| 1,2-Dichloroethane | ND | 0.00020 | 0.000015 | | | | | | | | | | | | |
| Methylene Chloride | ND | 0.00020 | 0.000057 | | | | | | | | | | | | |
| t-Butyl Methyl Ether (MTBE) | ND | 0.00020 | 0.000045 | | | | | | | | | | | | |
| Tetrachloroethene | ND | 0.00020 | 0.000024 | | | | | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 0.00020 | 0.000032 | | | | | | | | | | | | |
| Trichloroethene | ND | 0.00020 | 0.000028 | | | | | | | | | | | | |
| Vinyl Chloride | ND | 0.00020 | 0.000032 | | | | | | | | | | | | |
| Naphthalene | ND | 0.0010 | 0.000077 | | | | | | | | | | | | |
| c-1,2-Dichloroethene | ND | 0.00020 | 0.000039 | | | | | | | | | | | | |
| 2-Butanone | ND | 0.00020 | 0.00012 | | | | | | | | | | | | |
| Dichlorodifluoromethane (12) | ND | 0.00020 | 0.000031 | | | | | | | | | | | | |
| Chloromethane | ND | 0.00040 | 0.000044 | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 0.00020 | 0.000020 | | | | | | | | | | | | |
| 1,2-CI-1,1,2,2-F ethane (114) | ND | 0.00020 | 0.000040 | | | | | | | | | | | | |
| Bromomethane | ND | 0.00020 | 0.000059 | | | | | | | | | | | | |
| Chloroethane | ND | 0.00020 | 0.00017 | | | | | | | | | | | | |
| Trichlorofluoromethane (11) | ND | 0.00020 | 0.000043 | | | | | | | | | | | | |
| 1,2-Dichloropropane | ND | 0.00020 | 0.000036 | | | | | | | | | | | | |
| Bromodichloromethane | ND | 0.00020 | 0.000012 | | | | | | | | | | | | |
| c-1,3-Dichloropropene | ND | 0.00020 | 0.000024 | | | | | | | | | | | | |
| 4-Methyl-2-Pentanone | ND | 0.00020 | 0.000013 | | | | | | | | | | | | |
| Toluene | 0.00012 J | 0.00020 | 0.000016 | | | | | | | | | | | | |
| t-1,3-Dichloropropene | ND | 0.00020 | 0.000021 | | | | | | | | | | | | |
| 1,1-Dichloroethene | ND | 0.00020 | 0.000045 | | | | | | | | | | | | |
| 1,3-Dichloropropane | ND | 0.00020 | 0.0000099 | | | | | | | | | | | | |
| Carbon Disulfide | ND | 0.0010 | 0.000048 | | | | | | | | | | | | |
| 2-Hexanone | ND | 0.00020 | 0.000041 | | | | | | | | | | | | |
| Dibromochloromethane | ND | 0.00020 | 0.000036 | | | | | | | | | | | | |
| 1,2-Dibromoethane | ND | 0.00020 | 0.000018 | | | | | | | | | | | | |
| Chlorobenzene | ND | 0.00020 | 0.000016 | | | | | | | | | | | | |
| 1,1,2-CI 1,2,2-F ethane (113) | ND | 0.00020 | 0.000054 | | | | | | | | | | | | |
| p,&m-Xylene | 0.000058 J | 0.00020 | 0.000023 | | | | | | | | | | | | |



Client: Jacobs
 Attn: Eric Davis
 Project Name: SFPP Norwalk
 Project No.: NA
 Date Received: 03/02/22
 Matrix: Air
 Reporting Units: ppmv

EPA Method TO15

| Lab No.: | METHOD BLANK | | | | | | | | | | | | | |
|------------------------------|--------------|---------|----------|--|--|--|--|--|--|--|--|--|--|--|
| Client Sample I.D.: | -- | | | | | | | | | | | | | |
| Date/Time Sampled: | -- | | | | | | | | | | | | | |
| Date/Time Analyzed: | 3/9/22 7:29 | | | | | | | | | | | | | |
| QC Batch No.: | 220309MS2A1 | | | | | | | | | | | | | |
| Analyst Initials: | DT | | | | | | | | | | | | | |
| Dilution Factor: | 0.20 | | | | | | | | | | | | | |
| ANALYTE | Result ppmv | RL ppmv | MDL ppmv | | | | | | | | | | | |
| o-Xylene | ND | 0.00020 | 0.000024 | | | | | | | | | | | |
| Styrene | ND | 0.00020 | 0.000026 | | | | | | | | | | | |
| Bromoform | ND | 0.00020 | 0.000011 | | | | | | | | | | | |
| Isopropyl benzene | ND | 0.00020 | 0.000021 | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.00040 | 0.000012 | | | | | | | | | | | |
| Benzyl Chloride | ND | 0.00020 | 0.000037 | | | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 0.00020 | 0.000054 | | | | | | | | | | | |
| n-Propyl Benzene | ND | 0.00020 | 0.000012 | | | | | | | | | | | |
| 4-Ethyl Toluene | ND | 0.00020 | 0.000013 | | | | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.00040 | 0.000035 | | | | | | | | | | | |
| 4-Chlorotoluene | ND | 0.00020 | 0.000024 | | | | | | | | | | | |
| tert-Butylbenzene | ND | 0.00020 | 0.000018 | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.00040 | 0.000023 | | | | | | | | | | | |
| sec-Butylbenzene | ND | 0.00020 | 0.000019 | | | | | | | | | | | |
| p-Isopropyltoluene | 0.000044 J | 0.00020 | 0.000026 | | | | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 0.00020 | 0.000024 | | | | | | | | | | | |
| Acetone | ND | 0.0010 | 0.000058 | | | | | | | | | | | |
| n-Butylbenzene | ND | 0.00020 | 0.000015 | | | | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 0.00020 | 0.000025 | | | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 0.00040 | 0.000033 | | | | | | | | | | | |
| Hexachlorobutadiene | ND | 0.00020 | 0.000012 | | | | | | | | | | | |
| t-Butanol | ND | 0.0010 | 0.000038 | | | | | | | | | | | |
| n-Hexane | ND | 0.0010 | 0.000027 | | | | | | | | | | | |
| Isopropyl ether | ND | 0.0010 | 0.000022 | | | | | | | | | | | |
| t-Butyl ethyl ether | ND | 0.0010 | 0.000040 | | | | | | | | | | | |
| 2,2-Dichloropropane | ND | 0.0010 | 0.000019 | | | | | | | | | | | |
| t-Amyl methyl ether | ND | 0.0010 | 0.000014 | | | | | | | | | | | |
| t-1,2-Dichloroethene | ND | 0.00020 | 0.000060 | | | | | | | | | | | |
| 1,2,3-Trichlorobenzene (TIC) | ND | -- | -- | | | | | | | | | | | |

MDL = Method Detection Limit
 ND= Not Detected (below MDL)
 RL = Reporting Limit
 J = Trace amount. Analyte concentration between RL and MDL.

Reviewed/Approved By: _____

Mark Johnson
 Mark Johnson
 Operations Manager

Date 3/9/22

The cover letter is an integral part of this analytical report



LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 220309MS2A1

Matrix: Air

Reporting Units: ppmv

**EPA Method TO15
LABORATORY CONTROL SAMPLE SUMMARY**

| Lab No.: | | METHOD BLANK | | LCS | | LCSD | | | | | |
|---------------------------|-------------|--------------|-----------|-------------|--------|-------------|--------|-----|----------|-----------|----------|
| Date/Time Analyzed: | | 3/9/22 7:29 | | 3/9/22 6:14 | | 3/9/22 6:51 | | | | | |
| Analyst Initials: | | DT | | DT | | DT | | | | | |
| Dilution Factor: | | 0.20 | | 1.0 | | 1.0 | | | | | |
| ANALYTE | Result ppmv | RL ppmv | AMT. ppmv | Result ppmv | % Rec. | Result ppmv | % Rec. | RPD | Low %Rec | High %Rec | Max. RPD |
| I,1-Dichloroethene | ND | 0.00020 | 0.010 | 0.00955 | 95.5 | 0.00978 | 97.8 | 2.4 | 70 | 130 | 30.0 |
| Methylene Chloride | ND | 0.00020 | 0.010 | 0.00955 | 95.5 | 0.00954 | 95.4 | 0.1 | 70 | 130 | 30.0 |
| Trichloroethene | ND | 0.00020 | 0.010 | 0.0104 | 104 | 0.0100 | 100 | 3.1 | 70 | 130 | 30.0 |
| Toluene | ND | 0.00020 | 0.010 | 0.00982 | 98.2 | 0.00966 | 96.6 | 1.6 | 70 | 130 | 30.0 |
| I,1,2,2-Tetrachloroethane | ND | 0.00020 | 0.010 | 0.00763 | 76.3 | 0.00756 | 75.6 | 0.9 | 70 | 130 | 30.0 |

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____

Mark Johnson
Operations Manager



Date: _____

3/9/22

The cover letter is an integral part of this analytical report



Client: Jacobs
Attn: Eric Davis
Project Name: SFPP Norwalk
Project No.: NA
Date Received: 03/02/22
Matrix: Air
Reporting Units: ppmv

EPA METHOD TO3

| Lab No.: | N030204-01 | N030204-02 | N030204-03 | N030204-04 | | | | |
|----------------------------|------------------------|--------------------|------------------------|--------------------|------------------------|--------------------|------------------------|--------------------|
| Client Sample I.D.: | VEFF-030122 | VEFF-030122-D | VPOST-030122 | VINF-030122 | | | | |
| Date/Time Sampled: | 3/1/22 12:10 | 3/1/22 12:10 | 3/1/22 12:15 | 3/1/22 12:25 | | | | |
| Date/Time Analyzed: | 3/8/22 16:16 | 3/8/22 16:38 | 3/8/22 13:33 | 3/8/22 13:55 | | | | |
| QC Batch No.: | 220308GC11A1 | 220308GC11A1 | 220308GC11A1 | 220308GC11A1 | | | | |
| Analyst Initials: | CM | CM | CM | CM | | | | |
| Dilution Factor: | 2.5 | 2.5 | 2.5 | 2.5 | | | | |
| ANALYTE | Result ppmv | RL ppmv | Result ppmv | RL ppmv | Result ppmv | RL ppmv | Result ppmv | RL ppmv |
| TVOC as Hexane | ND | 2.5 | ND | 2.5 | 33 | 2.5 | 43 | 2.5 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: *Mark Johnson*
 Mark Johnson
 Operations Manager

Date 3/9/22

The cover letter is an integral part of this analytical report



QC Batch No: 220308GC11A1

Matrix: Air

Reporting Units: ppmv

**EPA METHOD TO3
LABORATORY CONTROL SAMPLE SUMMARY**

| Lab No.: | METHOD BLANK | | | LCS | | LCSD | | | | | |
|-------------------|----------------|------------|--------------------|----------------|--------|----------------|--------|----------|-------------|--------------|-------------|
| Date Analyzed: | 3/8/22 11:46 | | | 3/8/22 10:08 | | 3/8/22 10:30 | | | | | |
| Analyst Initials: | CM | | | CM | | CM | | | | | |
| Dilution Factor: | 1.0 | | | 1.0 | | 1.0 | | | | | |
| ANALYTE | Result ppmv | RL ppmv | SPIKE AMT. ppmv | Result ppmv | % Rec. | Result ppmv | % Rec. | RPD % | Low %Rec | High %Rec | Max. RPD |
| TVOC as Hexane | ND | 1.0 | 5.0 | 5.06 | 101 | 5.07 | 101 | 0.2 | 70 | 130 | 25 |

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____



Mark Johnson
Operations Manager

Date _____

3/9/22

The cover letter is an integral part of this analytical report.



Client: Jacobs
Attn: Eric Davis
Project Name: SFPP Norwalk
Project No.: NA
Date Received: 03/02/22
Matrix: Air
Reporting Units: % v/v


| |
|-------------------|
| ASTM D1946 |
|-------------------|

| | | | | | | |
|----------------------------|--------------|--|--|--|--|--|
| Lab No.: | N030204-04 | | | | | |
| Client Sample I.D.: | VINF-030122 | | | | | |
| Date/Time Sampled: | 3/1/22 12:25 | | | | | |
| Date/Time Analyzed: | 3/9/22 11:36 | | | | | |
| QC Batch No.: | 220308GC8A1 | | | | | |
| Analyst Initials: | CM | | | | | |
| Dilution Factor: | 2.5 | | | | | |

| ANALYTE | Result % v/v | RL % v/v | | | | | |
|-----------------------|-------------------------|---------------------|--|--|--|--|--|
| Carbon Dioxide | 0.65 | 0.025 | | | | | |
| Oxygen/Argon | 21 | 1.3 | | | | | |
| Nitrogen | 78 | 2.5 | | | | | |
| Methane | ND | 0.0025 | | | | | |
| | | | | | | | |

Results normalized including non-methane hydrocarbons

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: 
Mark Johnson
Operations Manager

Date 3/9/22

The cover letter is an integral part of this analytical report



QC Batch No: 220308GC8A1
 Matrix: Air
 Reporting Units: % v/v

**ASTM D1946
LABORATORY CONTROL SAMPLE SUMMARY**

| Lab No.: | METHOD BLANK | | LCS | LCS D | | | | | | | |
|-------------------|-----------------|-------------|------------------------|-----------------|---------------|-----------------|--------|----------|-------------|--------------|-------------|
| Date Analyzed: | 3/8/22 18:41 | | 3/8/22 17:57 | 3/8/22 18:12 | | | | | | | |
| Analyst Initials: | CM | | CM | CM | | | | | | | |
| Dilution Factor: | 1.0 | | 1.0 | 1.0 | Limits | | | | | | |
| ANALYTE | Result % v/v | RL % v/v | SPIKE AMT. % v/v | Result % v/v | % Rec. | Result % v/v | % Rec. | RPD % | Low %Rec | High %Rec | Max. RPD |
| Carbon Dioxide | ND | 0.010 | 10 | 10.2 | 102 | 9.57 | 95 | 6.1 | 70 | 130 | 30 |
| Oxygen/Argon | ND | 0.50 | 15 | 15.9 | 107 | 15.8 | 107 | 0.4 | 70 | 130 | 30 |
| Nitrogen | ND | 1.0 | 70 | 71.4 | 102 | 70.2 | 100 | 1.7 | 70 | 130 | 30 |
| Methane | ND | 0.0010 | 0.10 | 0.0927 | 93 | 0.0927 | 93 | 0.0 | 70 | 130 | 30 |

ND = Not Detected (below RL)
 RL = Reporting Limit

Reviewed/Approved By: _____

Mark Johnson
Operations Manager

Date: 3/9/22

The cover letter is an integral part of this analytical report



Appendix B
Natural Source Zone Depletion C¹⁴ Analytical Reports



| SUBMITTER SUMMARY | | | |
|--------------------------------------|--|------------------------|------------------------|
| Submitter Name: | Danny Hill | Affiliation: | Jacobs |
| Submitter Email: | danny.hill@jacobs.com | Street Address: | 2600 Michelson Dr #500 |
| Submitter Phone: | 714 856 8119 | City, Province: | Irvine, California |
| Principal Investigator Name: | Wyatt Nolan | Postal Code: | 92612 |
| Principal Investigator Email: | wyatt.nolan@jacobs.com | Country: | United States |
| Principal Investigator Phone: | +1 651.365.8511 | Date Submitted: | 2021-10-11 |

| PROJECT INFORMATION | |
|-------------------------|---|
| Project Title: | Natural Source Zone Depletion - Kinder |
| Country: | United States |
| Site Name: | SFPP Norwalk Pump Station (Kinder Morgan) |
| Collection Date: | October 21, 2020 - October 22, 2020 |

| SUBMISSION TIMELINE | |
|------------------------------------|--------------------------|
| Date samples received (YYYY-MM-DD) | Report date (YYYY-MM-DD) |
| 2021-10-18 | 2021-11-15 |

| ANALYTICAL NOTES |
|--|
| UOC-16497 (SVMP-16-16), UOC-16498 (SVMP 16-22), UOC-16499 (SVMP 108-5) and UOC-16500 (SVMP 108-10) failed due to insufficient (<0.4mgC) C yield. Otherwise, your samples were processed without issue. |

Please note: Unless otherwise specified in the submission form, any remaining sample material will be held for a period of two (2) months, after which time it will be discarded.

| CONTACT INFORMATION | |
|---|--|
| Should you have any questions regarding your data or sample preparation please contact: | |
| Name: | Sarah Murseli |
| Email: | smurseli@uottawa.ca |
| Phone: | 613-562-5800 x6864 |

Researchers are asked to report any publications that include data generated at the AEL AMS facility. Publication notifications should be sent to ael-ams@uottawa.ca. Published data should include the unique UO identifier number provided in this analytical report.



Table 1. Radiocarbon results (errors are 1σ). Material codes are described in Crann et al. (2017) and Murseli et al. (2019).

| Lab ID | Submitter ID | Material | Material Code | 14C yr BP | ± | F14C | ± | D14C ‰ | ± | Δ14C ‰ | ± |
|-----------|--------------|----------|---------------|-----------------------------------|-----|--------|--------|---------|------|---------|------|
| UOC-16479 | SVMP 9-5 | BaCO3 | CA | 17703 | 121 | 0.1104 | 0.0017 | -889.61 | 1.67 | -890.56 | 1.65 |
| UOC-16480 | SVMP 9-10 | BaCO3 | CA | 10025 | 62 | 0.2871 | 0.0022 | -712.93 | 2.22 | -715.38 | 2.20 |
| UOC-16481 | SVMP 24-5 | BaCO3 | CA | 847 | 44 | 0.9000 | 0.0049 | -100.04 | 4.94 | -107.73 | 4.90 |
| UOC-16482 | SVMP 24-10 | BaCO3 | CA | 681 | 55 | 0.9187 | 0.0063 | -81.34 | 6.29 | -89.18 | 6.24 |
| UOC-16483 | SVMP 25-5 | BaCO3 | CA | 756 | 42 | 0.9102 | 0.0048 | -89.81 | 4.78 | -97.59 | 4.74 |
| UOC-16484 | SVMP 25-10 | BaCO3 | CA | 1555 | 36 | 0.8241 | 0.0036 | -175.95 | 3.64 | -182.99 | 3.61 |
| UOC-16485 | SVMP 22-5 | BaCO3 | CA | 1480 | 40 | 0.8317 | 0.0042 | -168.28 | 4.17 | -175.38 | 4.13 |
| UOC-16486 | SVMP 22-10 | BaCO3 | CA | 1231 | 37 | 0.8579 | 0.0039 | -142.12 | 3.92 | -149.45 | 3.89 |
| UOC-16487 | SVMP 21-5 | BaCO3 | CA | 3125 | 36 | 0.6777 | 0.0030 | -322.29 | 3.01 | -328.08 | 2.98 |
| UOC-16488 | SVMP 21-10 | BaCO3 | CA | 2527 | 41 | 0.7301 | 0.0037 | -269.89 | 3.73 | -276.12 | 3.70 |
| UOC-16489 | SVMP 20-5 | BaCO3 | CA | 16585 | 92 | 0.1269 | 0.0015 | -873.13 | 1.45 | -874.21 | 1.44 |
| UOC-16490 | SVMP 20-10 | BaCO3 | CA | 15271 | 109 | 0.1494 | 0.0020 | -850.58 | 2.03 | -851.86 | 2.02 |
| UOC-16491 | SVMP 12-7 | BaCO3 | CA | 1761 | 40 | 0.8032 | 0.0040 | -196.84 | 3.98 | -203.71 | 3.95 |
| UOC-16492 | SVMP 12-15 | BaCO3 | CA | 4712 | 38 | 0.5562 | 0.0026 | -443.75 | 2.64 | -448.51 | 2.62 |
| UOC-16493 | SVMP 7-7 | BaCO3 | CA | 373 | 38 | 0.9546 | 0.0045 | -45.38 | 4.53 | -53.53 | 4.49 |
| UOC-16494 | SVMP 7-13 | BaCO3 | CA | 259 | 33 | 0.9683 | 0.0040 | -31.69 | 4.03 | -39.96 | 4.00 |
| UOC-16495 | SVMP 6-7 | BaCO3 | CA | 293 | 48 | 0.9642 | 0.0057 | -35.83 | 5.71 | -44.06 | 5.66 |
| UOC-16496 | SVMP 6-15 | BaCO3 | CA | 850 | 43 | 0.8995 | 0.0048 | -100.45 | 4.80 | -108.14 | 4.76 |
| UOC-16497 | SVMP 16-16 | BaCO3 | CA | <i>Failed, insufficient yield</i> | | | | | | | |
| UOC-16498 | SVMP 16-22 | BaCO3 | CA | <i>Failed, insufficient yield</i> | | | | | | | |
| UOC-16499 | SVMP 108-5 | BaCO3 | CA | <i>Failed, insufficient yield</i> | | | | | | | |
| UOC-16500 | SVMP 108-10 | BaCO3 | CA | <i>Failed, insufficient yield</i> | | | | | | | |

**Sample Processing**

Sample pretreatment techniques, processing and definitions of media codes can be found in Crann et al. (2017) and Murseli et al. (2019). For more information about the equipment used for sample preparation, please see St-Jean et al. (2017). All manuscripts can be found at <https://www.ams.uottawa.ca/research-publications/>

Reporting of Data

In this analysis report, we have followed the conventions recommended by Millard (2014).

Radiocarbon Analysis

Radiocarbon analyses are performed on a 3MV accelerator mass spectrometer (AMS) built by High Voltage Engineering (HVE). $^{12,13,14}\text{C}^{+3}$ ions are measured at 2.5 MV terminal voltage with Ar stripping. The fraction modern carbon, F14C, is calculated according to Reimer et al. (2004) as the ratio of the sample $^{14}\text{C}/^{12}\text{C}$ to the standard $^{14}\text{C}/^{12}\text{C}$ (Ox-II) measured in the same data block. Both $^{14}\text{C}/^{12}\text{C}$ ratios are background-corrected and the result is corrected for spectrometer and preparation fractionation using the AMS measured $^{13}\text{C}/^{12}\text{C}$ ratio and is normalized to $\delta^{13}\text{C}$ (PDB). Radiocarbon ages are calculated as $-8033\ln(F^{14}\text{C})$ and reported in ^{14}C yr BP (BP=AD 1950), as described by Stuiver and Polach (1977). Errors on ^{14}C ages (1σ) are based on counting statistics and $^{14}\text{C}/^{12}\text{C}$ and $^{13}\text{C}/^{12}\text{C}$ variation between data blocks. We do not report $\delta^{13}\text{C}$ as it is measured on the AMS (not by IRMS) and contains machine-induced fractionation and therefore should not be used for dietary or environmental inference.

D14C (defined as per mil Depletion or Enrichment Relative to Standard Normalized for Isotope Fractionation, equivalent to stable isotope δ notation) is calculated as: $(F^{14}\text{C} - 1) \cdot 1000$

$\Delta^{14}\text{C}$ (defined as the absolute amount of ^{14}C in the sample in the year it was measured) is calculated as:

$$F14C \cdot (e^{(1950-y)/8267} - 1) \cdot 1000$$

Please note: If the year of measurement (y) is not the same as the year of collection (z), calculate as follows:

$$F14C \cdot (e^{(1950-z)/8267} - 1) \cdot 1000$$

References

1. Crann CA, Murseli S, St-Jean G, Zhao X, Clark ID, Kieser WE. 2017. First status report on radiocarbon sample preparation at the A.E. Lalonde AMS Laboratory (Ottawa, Canada). Radiocarbon 59(3): 695–704. <http://doi.org/10.1017/RDC.2016.55>
2. Millard A. 2014. Conventions for reporting radiocarbon determinations. Radiocarbon 56(2): 555–559.
3. Murseli S, Middlestead P, St-Jean G, Zhao X, Jean C, Crann CA, Kieser WE, Clark ID. 2019 The preparation of water (DIC, DOC) and gas (CO₂, CH₄) samples for radiocarbon analysis at AEL-AMS, Ottawa, Canada. Radiocarbon 61(5): 1563-1571. <http://doi.org/10.1017/RDC.2019.14>
4. St-Jean G, Kieser WE, Crann CA, Murseli S. 2017. Semi-automated equipment for CO₂ purification and graphitization at the A.E. Lalonde AMS Laboratory (Canada). Radiocarbon 59(3): 941–956. <https://doi.org/10.1017/RDC.2016.57>
5. Stuiver M, Polach HA. 1977. Discussion: reporting of 14C data. Radiocarbon 19(3):355–63.



| SUBMITTER SUMMARY | | | |
|--------------------------------------|--|------------------------|------------------------|
| Submitter Name: | Danny Hill | Affiliation: | Jacobs |
| Submitter Email: | danny.hill@jacobs.com | Street Address: | 2600 Michelson Dr #500 |
| Submitter Phone: | 714 856 8119 | City, Province: | Irvine, California |
| Principal Investigator Name: | Wyatt Nolan | Postal Code: | 92612 |
| Principal Investigator Email: | wyatt.nolan@jacobs.com | Country: | United States |
| Principal Investigator Phone: | +1 651.365.8511 | Date Submitted: | 2021-10-11 |

| PROJECT INFORMATION | |
|-------------------------|---|
| Project Title: | Natural Source Zone Depletion - Kinder |
| Country: | United States |
| Site Name: | SFPP Norwalk Pump Station (Kinder Morgan) |
| Collection Date: | March 3, 2021 - September 21, 2021 |

| SUBMISSION TIMELINE | |
|------------------------------------|--------------------------|
| Date samples received (YYYY-MM-DD) | Report date (YYYY-MM-DD) |
| 2021-10-18 | 2021-11-15 |

| ANALYTICAL NOTES |
|---|
| UOC-16509 (SVE-05) was lost during CO2 extraction; otherwise your samples were processed without issue. |

Please note: Unless otherwise specified in the submission form, any remaining sample material will be held for a period of two (2) months, after which time it will be discarded.

| CONTACT INFORMATION | |
|---|--|
| Should you have any questions regarding your data or sample preparation please contact: | |
| Name: | Sarah Murseli |
| Email: | smurseli@uottawa.ca |
| Phone: | 613-562-5800 x6864 |

Researchers are asked to report any publications that include data generated at the AEL AMS facility. Publication notifications should be sent to ael-ams@uottawa.ca. Published data should include the unique UO identifier number provided in this analytical report.



André E. Lalonde AMS Laboratory

Radiocarbon Laboratory

www.ams.uottawa.ca

Analysis Report



uOttawa

Table 1. Radiocarbon results (errors are 1σ). Material codes are described in Crann et al. (2017) and Murseli et al. (2019).

| Lab ID | Submitter ID | Material | Material Code | 14C yr BP | \pm | F14C | \pm | D14C ‰ | \pm | Δ 14C ‰ | \pm |
|------------------|---------------|-------------------------|---------------|--|-------|--------|--------|---------|-------|----------------|-------|
| UOC-16505 | SVE-01 | BaCO ₃ | CA | 7807 | 33 | 0.3784 | 0.0016 | -621.60 | 1.56 | -624.83 | 1.54 |
| UOC-16506 | SVE-02 | BaCO ₃ | CA | 8032 | 37 | 0.3679 | 0.0017 | -632.06 | 1.68 | -635.20 | 1.67 |
| UOC-16507 | SVE-03 | BaCO ₃ | CA | 7541 | 36 | 0.3911 | 0.0018 | -608.89 | 1.75 | -612.23 | 1.74 |
| UOC-16508 | SVE-04 | BaCO ₃ | CA | 9526 | 60 | 0.3055 | 0.0023 | -694.53 | 2.28 | -697.14 | 2.26 |
| <i>UOC-16509</i> | <i>SVE-05</i> | <i>BaCO₃</i> | <i>CA</i> | <i>Failed, lost during CO₂ extraction</i> | | | | | | | |
| UOC-16510 | SVE-06 | BaCO ₃ | CA | 9735 | 46 | 0.2976 | 0.0017 | -702.35 | 1.72 | -704.90 | 1.70 |

**Sample Processing**

Sample pretreatment techniques, processing and definitions of media codes can be found in Crann et al. (2017) and Murseli et al. (2019). For more information about the equipment used for sample preparation, please see St-Jean et al. (2017). All manuscripts can be found at <https://www.ams.uottawa.ca/research-publications/>

Reporting of Data

In this analysis report, we have followed the conventions recommended by Millard (2014).

Radiocarbon Analysis

Radiocarbon analyses are performed on a 3MV accelerator mass spectrometer (AMS) built by High Voltage Engineering (HVE). $^{12,13,14}\text{C}^{+3}$ ions are measured at 2.5 MV terminal voltage with Ar stripping. The fraction modern carbon, F14C, is calculated according to Reimer et al. (2004) as the ratio of the sample $^{14}\text{C}/^{12}\text{C}$ to the standard $^{14}\text{C}/^{12}\text{C}$ (Ox-II) measured in the same data block. Both $^{14}\text{C}/^{12}\text{C}$ ratios are background-corrected and the result is corrected for spectrometer and preparation fractionation using the AMS measured $^{13}\text{C}/^{12}\text{C}$ ratio and is normalized to $\delta^{13}\text{C}$ (PDB). Radiocarbon ages are calculated as $-8033\ln(F^{14}\text{C})$ and reported in ^{14}C yr BP (BP=AD 1950), as described by Stuiver and Polach (1977). Errors on ^{14}C ages (1σ) are based on counting statistics and $^{14}\text{C}/^{12}\text{C}$ and $^{13}\text{C}/^{12}\text{C}$ variation between data blocks. We do not report $\delta^{13}\text{C}$ as it is measured on the AMS (not by IRMS) and contains machine-induced fractionation and therefore should not be used for dietary or environmental inference.

D14C (defined as per mil Depletion or Enrichment Relative to Standard Normalized for Isotope Fractionation, equivalent to stable isotope δ notation) is calculated as: $(F^{14}\text{C} - 1) \cdot 1000$

$\Delta^{14}\text{C}$ (defined as the absolute amount of ^{14}C in the sample in the year it was measured) is calculated as:

$$F^{14}\text{C} \cdot (e^{(1950-y)/8267} - 1) \cdot 1000$$

Please note: If the year of measurement (y) is not the same as the year of collection (z), calculate as follows:

$$F^{14}\text{C} \cdot (e^{(1950-z)/8267} - 1) \cdot 1000$$

References

1. Crann CA, Murseli S, St-Jean G, Zhao X, Clark ID, Kieser WE. 2017. First status report on radiocarbon sample preparation at the A.E. Lalonde AMS Laboratory (Ottawa, Canada). Radiocarbon 59(3): 695–704. <http://doi.org/10.1017/RDC.2016.55>
2. Millard A. 2014. Conventions for reporting radiocarbon determinations. Radiocarbon 56(2): 555–559.
3. Murseli S, Middlestead P, St-Jean G, Zhao X, Jean C, Crann CA, Kieser WE, Clark ID. 2019 The preparation of water (DIC, DOC) and gas (CO_2 , CH_4) samples for radiocarbon analysis at AEL-AMS, Ottawa, Canada. Radiocarbon 61(5): 1563-1571. <http://doi.org/10.1017/RDC.2019.14>
4. St-Jean G, Kieser WE, Crann CA, Murseli S. 2017. Semi-automated equipment for CO_2 purification and graphitization at the A.E. Lalonde AMS Laboratory (Canada). Radiocarbon 59(3): 941–956. <https://doi.org/10.1017/RDC.2016.57>
5. Stuiver M, Polach HA. 1977. Discussion: reporting of ^{14}C data. Radiocarbon 19(3):355–63.

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| | | | |
|------------------|--|---------------------|--|
| Subject | Natural Source Zone Depletion Preliminary Results, SFPP Norwalk Pump Station, Norwalk, California | Project Name | SFPP Norwalk Pump Station, Norwalk, California |
| Attention | Ryan Koch/Kinder Morgan, Inc. | | |
| From | Lindsay Reynolds/Jacobs Wyatt Nolan/Jacobs Trevre Andrews/Jacobs | | |
| Date | October 29, 2020 | | |
| Copies to | Eric Davis/Jacobs | | |

This technical memorandum provides an update on the current natural source zone depletion (NSZD) evaluation at the SFPP, L.P. (SFPP) Norwalk Pump Station, located at 15306 Norwalk Boulevard, Norwalk, California (the site). The overall goal of this project is to evaluate the rate of NSZD under ambient conditions.

1. Introduction

As part of this effort, active remedies at the site were transitioned from their current operation to a configuration that allowed the assessment of NSZD rates under ambient conditions. Specifically, this involved a temporary suspension of hydraulic control and recovery (i.e., groundwater pump and treat), soil vapor extraction (SVE), and biosparging in the south-central area, as recommended in the *Biosparging Effectiveness Evaluation and Recommendations – South-Central Area* (Jacobs, 2019).

2. Objectives

NSZD processes occur in the subsurface and are often capable of contaminant reduction rates of active remedies. This site provides opportunities to evaluate NSZD rates under the following conditions:

1. South-central area following nearly 3 years of treatment with horizontal biosparging.
2. Southeastern area prior to the startup of the recently installed horizontal biosparging system.
3. Southeastern area following the operation of the recently installed horizontal biosparging system.
4. Evaluation of two ¹⁴C (a radioactive isotope of carbon) sampling methodologies to determine the most viable technique for the future of site-specific NSZD work. Not all sampling methodologies are effective in each area of the site, in particular, determination of NSZD rates in the south-central offsite area where a majority of the surface is covered by structures requires the use of soil vapor probes rather than surface flux meters to determine NSZD rates.

3. Methodology

Petroleum hydrocarbon constituents in light nonaqueous phase liquid (LNAPL) undergo a variety of degradation processes, including volatilization, dissolution, and biodegradation (Kostecki and Calabrese, 1989; NRC, 1993; Johnson et al., 2006). NSZD is a term used to describe the collective, naturally occurring processes of dissolution, volatilization, and biodegradation in the subsurface that act to degrade LNAPL and convert petroleum hydrocarbon constituents to innocuous aqueous and gaseous by-products. These processes physically degrade the LNAPL by mass transfer of chemical components to the aqueous phase where they are biologically broken down to benign end products such as carbon dioxide (CO₂). CO₂ subsequently transports into and through the vadose zone and can be measured at the ground surface as CO₂ efflux.

NSZD rates were evaluated using three technologies at the site:

- LI-COR CO₂ efflux measurements
- E-Flux CO₂ traps
- Field precipitation of ¹⁴BaCO₃

E-Flux CO₂ traps and ¹⁴BaCO₃ samples utilize the radioisotope ¹⁴C to allow for the apportionment of petroleum-degradation-derived CO₂ from LI-COR CO₂ measured efflux.

3.1 LI-COR CO₂ Efflux Measurements

The NSZD field investigation was conducted between April 16 and 23, 2020, and May 5 and 7, 2020. Soil CO₂ efflux was measured using the LI-COR Biosciences Inc. (LI-COR) 870 and Smart Chamber dynamic closed chamber (DCC) assembly. A LI-COR survey involves embedding shallow soil collars into the ground surface at various locations across the site. Using an infrared CO₂ gas analyzer (IRGA) and chamber unit, the LI-COR DCC methodology directly measures the concentrations of CO₂ emitted into a vented, ground-surface-mounted chamber over a short time. The LI-COR DCC system involves the collection of large amounts of discrete, time series CO₂ concentration data ultimately allowing for the calculation of CO₂ efflux and a stoichiometrically back-calculated NSZD rate. Using the automated IRGA and intermittent chamber closure, the system measures the change in chamber CO₂ concentration over a set time from each location. A summary of all LI-COR CO₂ measurement locations, dates, and atmospheric conditions is presented in Table 1.

After the field survey, the raw data were tabulated, and the concentration versus time curve fit was optimized for each observation. Following curve fit optimization, the method detection limit was calculated using field blank values, the data were validated removing outliers and poor-quality data, and nondetect values were assigned, where appropriate.

3.2 E-Flux CO₂ Traps

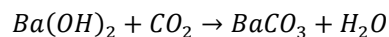
The CO₂ traps used in this study were designed by Colorado State University and were made commercially available by E-Flux. The E-Flux traps are designed for longer-term, in situ monitoring of CO₂ efflux. The E-Flux trap assembly consists of three parts: an approximately 6-inch length of 4-inch inside-diameter polyvinyl chloride (PVC) receiver pipe with basal metal angle anchors, a short PVC E-Flux trap equipped

with a moisture-resistant media (SODASORB) that adsorbs CO₂, and a 6-inch (15-centimeter)-diameter protective rain cover. The receiver pipe is installed in the shallow ground surface and soil is compacted to pre-existing conditions inside and outside the pipe to allow soil vapor to pass up through the pipe in approximately undisturbed conditions (E-Flux, 2019).

The E-Flux trap is a flow-through methodology intended to capture and sorb CO₂ as it migrates upward through the receiver pipe. The E-Flux trap contains two sorbent pucks; the upper sorbent is used to scrub atmospheric CO₂ and prevent it from migrating into the lower sorbent puck. The lower sorbent is used to capture the CO₂ solely emitted from the underlying subsurface. The upper sorbent puck is discarded at the laboratory after verifying that atmospheric CO₂ did not break through the upper puck, and the lower puck is analyzed to estimate the efflux. Unlike the LI-COR system, no pumping or field measurements are required. Over a pre-established period of time, on the order of 2 to 3 weeks, the E-Flux trap passively allows soil vapor to move through and sorbs the CO₂ mass. Analogous to a trip blank used for a groundwater volatile organic compound (VOC) sampling program, a separate E-Flux trap accompanies the samples and remains capped, containerized, and onsite for the duration of deployment. Upon termination of the deployment period, the sorbent E-Flux traps are sent back to the E-Flux laboratory for CO₂ and ¹⁴C analysis.

3.3 Field Precipitation of ¹⁴BaCO₃

The BaCO₃ radiocarbon sampling method was developed by the University of Ottawa in 2019. This method uses compact, commercially available sampling equipment and laboratory-prepared sample containers. The sample containers are 4.5-milliliter (mL) exetainers with a butyl septum cap and hold approximately 0.5 mL of a barium hydroxide solution. Sampling produces a precipitated mineral, witherite (BaCO₃) for later analysis of radiocarbon isotopic signatures. The precipitate is the product of the reaction between a barium hydroxide (Ba(OH)₂) solution housed in the sampling container and the CO₂ from the subsurface soil gas.



Soil gas is drawn from soil probes manufactured by AMS Inc. (American Falls, Idaho). Soil probes are installed to a depth of approximately 12 inches below the ground surface with a rubber mallet. The top of the soil probe is fitted with a 3/16-inch adapter manufactured by AMS Inc., that is connected to 3/16-inch inner diameter flexible tubing. Bev-A-Line tubing is used because it is impermeable to CO₂, which prevents atmospheric CO₂ sample contamination. Tubing is connected to a three-way gas lock to direct air flow during the sampling procedure. The other two ports on the gas lock are connected to a 60-mL syringe and a 3-inch-long, 22-gauge needle. The needle is used to pierce the sample container septum and the gas lock is turned to allow the soil gas to be pushed out through the needle and into the barium hydroxide solution. Each sample container has soil CO₂ added to it twice, 24 hours apart.

Samples are shipped to the University of Ottawa's A.E. Lalonde Accelerator Mass Spectrometer Laboratory for analysis and subsequent reporting.

Mineralogical samples were shipped to the University of Ottawa A.E. Lalonde Laboratory for analysis by Accelerator Mass Spectrometry (AMS) for ¹⁴C fraction. ¹⁴C signatures were measured using a

3-millivolt (mV) accelerator mass spectrometer and were corrected using laboratory standard blank and modern standards.

The NSZD monitoring program performed at the site between April 16 and 23, 2020, and May 5 and 7, 2020, included monitoring of 50 LI-COR locations plus 5 replicates, E-Flux trap sampling at 8 locations, and ¹⁴C radiocarbon sampling at 14 locations plus 1 duplicate.

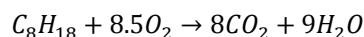
4. Results

4.1 CO₂ Efflux Survey

CO₂ efflux survey locations were selected throughout the site in varying levels of previously identified groundwater impacts or measured LNAPL (Figure 1). Furthermore, the survey locations were selected to encompass both the south-central and southeastern areas of the site. The south-central area of the site represents NSZD rates following nearly 3 years of treatment with horizontal biosparging. The southeastern area of the site represents NSZD rates prior to the startup of the recently installed horizontal biosparging system.

NSZD rates are often reported in many different units. Laboratory and field data are typically reported in micromoles per square meter per second (μmol/m²/s). Typically, hydrocarbon mass degraded per unit area per unit time is more relevant to remedial progress. To convert from field units to a unit mass of hydrocarbon at a site, a representative hydrocarbon molecule must be selected. Octane was selected as the representative hydrocarbon molecule for the site because the majority of the hydrocarbons released were in the gasoline range.

Once the measured CO₂ efflux is corrected to reflect the component that is attributable to hydrocarbon degradation, the rate can be stoichiometrically converted to the LNAPL degradation/loss occurring via NSZD (Davidson et al., 2002; Molins et al., 2010; Sihota et al., 2011a, 2011b, 2013). To estimate the mass of hydrocarbon degraded from CO₂ efflux, a representative hydrocarbon compound is assumed by reviewing historical soil and groundwater impacts. The microbially mediated oxidation reaction can be approximated as follows, with the molecular formula C₈H₁₈:



Using isotopically corrected CO₂ efflux values and a representative hydrocarbon, efflux rates measured in μmol/m²/sec can be converted to the rate of NSZD in units of gallons per acre per year (gal/acre/year).

$$R_{NSZD} = Efflux_{Fossil\ Fuel} * \frac{1\ mol}{1 \times 10^6\ \mu mol} * \frac{1\ mol\ C_8H_{18}}{8\ mol\ CO_2} * \frac{114.23\ g\ C_8H_{18}}{1\ mol\ C_8H_{18}} * \frac{86400\ sec}{1\ day} * \frac{365\ day}{1\ year}$$

$$* \frac{1\ ml\ C_8H_{18}}{0.702\ gC_8H_{18}} * \frac{1\ L}{1000\ mL} * \frac{1\ gallon}{3.785\ L} * \frac{1\ m^2}{0.000247\ acre}$$

$$R_{NSZD} = \frac{gallon}{acre\ year}$$

Using this methodology, it can be determined that NSZD rates attributed to the biodegradation of octane can be calculated with a conversion factor of 624.

$$R_{NSZD} = Efflux_{Fossil\ Fuel} * 624$$

This conversion results in approximately 1 $\mu\text{mol}/\text{m}^2/\text{s}$ at this site being equivalent to 624 gallons of octane per acre per year.

CO_2 rates are calculated using either exponential or linear regression methods to fit the observed dataset. Typically, the fitting method that best matches the data trend is used. In most cases, exponential fitting best matches the data. However, using exponential efflux calculations can overestimate CO_2 respiration, as there is not necessarily enough carbon substrate to warrant the calculated rates (Tracy, 2015). Based on this, the data were fit using linear regression methods; the results of the regression are included in Table 1.

4.2 NSZD Quality Control Results

To assess the variability in LI-COR measurements at immediately adjacent locations during the May 2020 survey, five replicate LI-COR collars (NW-08D, NW-27D, NW-38D, NW-43D, and NW-48D) were installed during the CO_2 efflux event. The difference in total CO_2 efflux between the parent and duplicate collars ranged from 0.06 $\mu\text{mol}/\text{m}^2/\text{s}$ (NW-27/NW-27D) to 2.51 $\mu\text{mol}/\text{m}^2/\text{s}$ (NW-48/NW-48D) (Table 2). The relative percent difference (RPD) ranged from 6 percent (NW-27/NW-27D) to 40 percent (NW-38/NW-38D).

Standards for soil gas efflux sample variability have not been established to date. An RPD of 30 percent is generally considered acceptable for environmental samples such as soil. The higher difference observed for the parent and duplicate pair for NW-48 is likely attributable to naturally occurring heterogeneities within the shallow subsurface that affect soil gas flow. Therefore, the associated results from NW-08, NW-38, and NW-48 should be considered less reliable, but still relevant estimates because of low field duplicate precision.

4.3 E-Flux Traps

E-Flux traps for the collection of the radiocarbon signature of carbon dioxide ($^{14}\text{CO}_2$) were installed throughout the site complementary to LI-COR collars as a part of the NSZD survey (Figure 1).

Standard quality control procedure for the use of E-Flux traps involves the use of a field blank set up to be stored onsite during trap deployment and subsequent analysis alongside deployed field traps. The field blank stored on the site in this survey was measured to have 0.68 fraction modern carbon (FmC), which was used to correct analyzed ^{14}C values from all other traps. The data are presented in Table 1.

4.4 $^{14}\text{BaCO}_3$ Sampling

Soil probes for $^{14}\text{BaCO}_3$ sample collection of the radiocarbon signature of carbon dioxide ($^{14}\text{CO}_2$) were installed throughout the site complementary to LI-COR collars as a part of the NSZD survey (Figure 1).

$^{14}\text{CO}_2$ measured at the site ranged from 0.62 FmC (NW-40) to 0.99 FmC (NW-53). The ^{14}C results are summarized in Table 1.

¹⁴C Quality Control Results

One duplicate ¹⁴CO₂ sample was collected at NW-10 during the NSZD survey to assess the variability in ¹⁴CO₂ measurements at immediately adjacent locations during the April 2020 survey. The sample did not yield adequate sample volumes to be analyzed by the laboratory.

4.5 Comparison of ¹⁴CO₂ Sampling Techniques

Four locations were chosen to conduct a side by side comparison of both the E-Flux trap and ¹⁴BaCO₃ sampling techniques. Comparative data are presented in Table 3.

Standards for soil gas efflux sample variability have not been established to date. An RPD of 30 percent is generally considered acceptable for environmental samples such as soil.

5. Discussion

Overall hydrocarbon degradation rates calculated at the site (Table 1) vary between approximately 11 (NW-31) and 489 (NW-50) gal/acre/year, which confirms natural biodegradation of hydrocarbon constituents is occurring at various rates around the site.

Using the corrected ¹⁴C fossil fuel fraction (modern carbon vs. hydrocarbon) allows for a more accurate and refined estimate of subsurface hydrocarbon degradation rates versus solely using LI-COR efflux results. These annual estimates assume that NSZD rates, which are in part driven by subsurface temperatures, remain constant throughout the year, or that the rates measured in mid- to late-spring are representative of the annual mean.

The hydrocarbon degradation rate measured varies primarily due to the proximity of hydrocarbon constituents to a given measurement, but also due to variability in degradation rates and the volatile gas migration capability through heterogeneities in the vadose zone at each location. For the purposes of this study, it is assumed that the NSZD rates at different locations are mainly driven by the primary factor — proximity to hydrocarbon constituents.

Figure 1 shows the measured NSZD rate (gal/acre/year) for each sample location. The southeastern area of the site shows that the higher the dissolved-phase concentrations, the higher the likelihood that residual LNAPL is present and degrading near those concentrations. Based on a comparison of NSZD rates and spatial distribution of the dissolved phase, areas of residual LNAPL that are likely present and degrading, and location of the historically operated horizontal biosparging equipment, the following observations can be made:

- The highest NSZD rates (approximately 500 gal/acre/year) correspond to the areas adjacent to residual LNAPL that has not been treated with biosparging remediation (i.e., the southeastern area).
- The lowest NSZD rates (approximately 11 gal/acre/year) correspond to the area where horizontal biosparging equipment was historically operated (i.e., the south-central onsite area).
- Measurable NSZD rates are present in all areas of detected dissolved-phase concentrations.

- The total NSZD rate for the south-central onsite area illustrated on Figure 1 is 900 gallons/year.
- The total NSZD rate for the southeastern area illustrated on Figure 1 is 500 gallons/year.

The comparative analysis of E-Flux trap and $^{14}\text{BaCO}_3$ sampling techniques for the analysis of the ^{14}C signature of CO_2 efflux showed that both methods produce comparable results. Going forward, $^{14}\text{BaCO}_3$ sampling techniques will be used at the site as they allow collection of NSZD data in the south-central offsite areas where surface flux meters would not be effective and $^{14}\text{BaCO}_3$ sampling techniques allow the collection of a higher density of samples across the site.

6. Conclusions

As part of this effort, active remedies at the site were transitioned from their current operation to a configuration that allowed the assessment of the NSZD rates under ambient conditions. Specifically, this involved a temporary suspension of hydraulic control and recovery (i.e., groundwater pump and treat), SVE, and biosparging in the south-central area, as recommended in the *Biosparging Effectiveness Evaluation and Recommendations – South-Central Area* (Jacobs, 2019).

This NSZD evaluation sought to evaluate NSZD processes occurring in the subsurface with consideration of historical and future horizontal biosparging operations. NSZD rates observed confirm that NSZD can be measured at this site and that significant rates (up to approximately 1,400 gal/acre/year) of biodegradation are occurring in the subsurface. Reduced NSZD rates were observed in the south-central onsite area, which has undergone biosparging operations. Higher rates of NSZD were observed in the southeastern area, which has not undergone biosparging operations.

This study also sought to evaluate two methods for sampling the ^{14}C signature of CO_2 efflux. Results of this study show both methods produce comparable technical results that will allow the continued use of ^{14}C barium carbonate sampling to correct NSZD rates at the site, in particular in the south-central offsite areas where NSZD rates must be measured using vapor probes due to the degree of ground cover.

7. References

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Tables

Table 1. Summary of Sitewide NSZD Measurements, May 2020

SFPP Norwalk Pump Station, Norwalk, California

| Location | Date | Pressure (kPa) | Temperature (°F) | Total CO ₂ Efflux (μmol/m ² /s) | Closest ¹⁴ C Sample | Normalized ¹⁴ C | ¹⁴ C Fossil Fuel Fraction | ¹⁴ C Corrected CO ₂ Efflux (μmol/m ² /s) | Estimated Hydrocarbon Degradation (g/m ² /day) | Estimated Hydrocarbon Degraded (gallon/acre/year) |
|---------------------------|-----------|----------------|------------------|---|--------------------------------|----------------------------|--------------------------------------|---|---|---|
| South-Central Area | | | | | | | | | | |
| NW-01 | 06-May-20 | 101.3 | 95.2 | 1.75 | NW-03 | 0.90 | 0.10 | 0.1672 | 0.2059 | 104 |
| NW-02 | 06-May-20 | 101.3 | 90.3 | 0.81 | NW-03 | 0.90 | 0.10 | 0.0775 | 0.0954 | 48 |
| NW-03 | 06-May-20 | 101.3 | 91.8 | 3.64 | NW-03 | 0.90 | 0.10 | 0.3470 | 0.4272 | 216 |
| NW-04 | 06-May-20 | 101.3 | 90.9 | 1.41 | NW-03 | 0.90 | 0.10 | 0.1344 | 0.1655 | 84 |
| NW-05 | 06-May-20 | 101.3 | 90.3 | 1.11 | NW-10 | 0.88 | 0.12 | 0.1375 | 0.1693 | 86 |
| NW-06 | 06-May-20 | 101.3 | 87.0 | 1.36 | NW-12 | 0.94 | 0.06 | 0.0807 | 0.0993 | 50 |
| NW-07 | 06-May-20 | 101.3 | 90.8 | 1.00 | NW-12 | 0.94 | 0.06 | 0.0596 | 0.0734 | 37 |
| NW-08 | 06-May-20 | 101.3 | 85.9 | 2.85 | NW-18 | 0.89 | 0.11 | 0.3196 | 0.3934 | 199 |
| NW-08D | 06-May-20 | 101.3 | 85.1 | 2.03 | NW-18 | 0.89 | 0.11 | 0.2276 | 0.2802 | 142 |
| NW-09 | 06-May-20 | 101.3 | 89.6 | 2.10 | NW-18 | 0.89 | 0.11 | 0.2347 | 0.2889 | 146 |
| NW-10 | 06-May-20 | 101.3 | 90.6 | 2.91 | NW-10 | 0.88 | 0.12 | 0.3611 | 0.4446 | 225 |
| NW-11 | 06-May-20 | 101.3 | 91.3 | 0.32 | NW-10 | 0.88 | 0.12 | 0.0398 | 0.0490 | 25 |
| NW-12 | 06-May-20 | 101.3 | 71.2 | 0.91 | NW-12 | 0.94 | 0.06 | 0.0541 | 0.0666 | 34 |
| NW-13 | 06-May-20 | 101.3 | 95.1 | 0.67 | NW-12 | 0.94 | 0.06 | 0.0400 | 0.0492 | 25 |
| NW-14 | 06-May-20 | 101.3 | 93.9 | 0.98 | NW-15 | 0.77 | 0.23 | 0.2212 | 0.2723 | 138 |
| NW-15 | 06-May-20 | 101.3 | 92.4 | 0.52 | NW-15 | 0.77 | 0.23 | 0.1177 | 0.1449 | 73 |
| NW-16 | 06-May-20 | 101.3 | 68.9 | 3.56 | NW-26 | 0.92 | 0.08 | 0.2903 | 0.3574 | 181 |
| NW-17 | 06-May-20 | 101.3 | 74.4 | 0.96 | NW-26 | 0.92 | 0.08 | 0.0784 | 0.0966 | 49 |
| NW-18 | 06-May-20 | 101.3 | 87.0 | 2.28 | NW-18 | 0.89 | 0.11 | 0.2557 | 0.3149 | 160 |
| NW-19 | 06-May-20 | 101.3 | 86.0 | 1.13 | NW-10 | 0.88 | 0.12 | 0.1406 | 0.1731 | 88 |
| NW-20 | 06-May-20 | 101.3 | 85.8 | 1.83 | NW-21 | 0.94 | 0.06 | 0.1022 | 0.1259 | 64 |
| NW-21 | 06-May-20 | 101.3 | 96.0 | 1.42 | NW-21 | 0.94 | 0.06 | 0.0793 | 0.0976 | 49 |
| NW-22 | 06-May-20 | 101.2 | 98.8 | 0.41 | NW-21 | 0.94 | 0.06 | 0.0229 | 0.0281 | 14 |
| NW-23 | 06-May-20 | 101.2 | 97.6 | 0.50 | NW-33 | 0.89 | 0.11 | 0.0557 | 0.0686 | 35 |
| NW-24 | 06-May-20 | 101.2 | 96.6 | 1.24 | NW-15 | 0.77 | 0.23 | 0.2801 | 0.3449 | 175 |
| NW-25 | 06-May-20 | 101.3 | 76.3 | 1.95 | NW-26 | 0.92 | 0.08 | 0.1588 | 0.1955 | 99 |
| NW-26 | 06-May-20 | 101.3 | 76.9 | 3.80 | NW-26 | 0.92 | 0.08 | 0.3095 | 0.3810 | 193 |
| NW-27 | 06-May-20 | 101.3 | 83.3 | 1.10 | NW-26 | 0.92 | 0.08 | 0.0898 | 0.1106 | 56 |
| NW-27D | 06-May-20 | 101.3 | 81.5 | 1.04 | NW-26 | 0.92 | 0.08 | 0.0849 | 0.1045 | 53 |
| NW-28 | 06-May-20 | 101.3 | 83.5 | 2.90 | NW-28 | 0.87 | 0.13 | 0.3903 | 0.4805 | 243 |
| NW-29 | 06-May-20 | 101.3 | 82.1 | 0.41 | NW-26 | 0.92 | 0.08 | 0.0332 | 0.0408 | 21 |
| NW-30 | 06-May-20 | 101.3 | 98.7 | 0.91 | NW-30 | 0.96 | 0.04 | 0.0336 | 0.0414 | 21 |
| NW-31 | 06-May-20 | 101.3 | 99.5 | 0.47 | NW-30 | 0.96 | 0.04 | 0.0174 | 0.0215 | 11 |
| NW-32 | 06-May-20 | 101.3 | 99.2 | 0.69 | NW-33 | 0.89 | 0.11 | 0.0766 | 0.0943 | 48 |
| NW-33 | 06-May-20 | 101.2 | 97.9 | 1.26 | NW-33 | 0.89 | 0.11 | 0.1409 | 0.1734 | 88 |
| NW-34 | 07-May-20 | 101.2 | 99.7 | 0.90 | NW-34 | 0.95 | 0.05 | 0.0445 | 0.0548 | 28 |
| NW-35 | 06-May-20 | 101.2 | 99.1 | 1.20 | NW-36 | 0.67 | 0.33 | 0.3954 | 0.4868 | 247 |
| NW-36 | 06-May-20 | 101.2 | 98.4 | 1.50 | NW-36 | 0.67 | 0.33 | 0.4966 | 0.6114 | 310 |
| NW-37 | 06-May-20 | 101.2 | 100.9 | 0.87 | NW-36 | 0.67 | 0.33 | 0.2892 | 0.3561 | 180 |

Table 1. Summary of Sitewide NSZD Measurements, May 2020

SFPP Norwalk Pump Station, Norwalk, California

| Location | Date | Pressure (kPa) | Temperature (°F) | Total CO ₂ Efflux (μmol/m ² /s) | Closest ¹⁴ C Sample | Normalized ¹⁴ C | ¹⁴ C Fossil Fuel Fraction | ¹⁴ C Corrected CO ₂ Efflux (μmol/m ² /s) | Estimated Hydrocarbon Degradation (g/m ² /day) | Estimated Hydrocarbon Degraded (gallon/acre/year) |
|--------------------------|-----------|----------------|------------------|---|--------------------------------|----------------------------|--------------------------------------|---|---|---|
| NW-38 | 06-May-20 | 101.2 | 99.4 | 1.46 | NW-36 | 0.67 | 0.33 | 0.4816 | 0.5929 | 300 |
| NW-38D | 06-May-20 | 101.2 | 99.7 | 0.97 | NW-36 | 0.67 | 0.33 | 0.3222 | 0.3967 | 201 |
| NW-39 | 06-May-20 | 101.1 | 100.6 | 0.87 | NW-36 | 0.67 | 0.33 | 0.2876 | 0.3541 | 179 |
| Southeastern Area | | | | | | | | | | |
| NW-40 | 05-May-20 | 101.5 | 72.8 | 1.11 | NW-40 | 0.59 | 0.41 | 0.4584 | 0.5644 | 286 |
| NW-41 | 05-May-20 | 101.5 | 73.2 | 1.15 | NW-40 | 0.59 | 0.41 | 0.4744 | 0.5841 | 296 |
| NW-42 | 05-May-20 | 101.5 | 71.4 | 1.03 | NW-40 | 0.59 | 0.41 | 0.4222 | 0.5198 | 263 |
| NW-43 | 05-May-20 | 101.5 | 69.2 | 1.55 | NW-55 | 0.89 | 0.11 | 0.1679 | 0.2067 | 105 |
| NW-43D | 05-May-20 | 101.5 | 69.4 | 1.80 | NW-55 | 0.89 | 0.11 | 0.1955 | 0.2407 | 122 |
| NW-44 | 05-May-20 | 101.5 | 68.0 | 0.89 | NW-55 | 0.89 | 0.11 | 0.0969 | 0.1193 | 60 |
| NW-45 | 05-May-20 | 101.5 | 76.3 | 4.45 | NW-46 | 0.94 | 0.06 | 0.2852 | 0.3511 | 178 |
| NW-46 | 05-May-20 | 101.5 | 72.2 | 2.10 | NW-46 | 0.94 | 0.06 | 0.1346 | 0.1657 | 84 |
| NW-47 | 05-May-20 | 101.5 | 84.1 | 1.80 | NW-40 | 0.59 | 0.41 | 0.7393 | 0.9102 | 461 |
| NW-48 | 05-May-20 | 101.5 | 79.9 | 5.52 | NW-46 | 0.94 | 0.06 | 0.3533 | 0.4350 | 220 |
| NW-48D | 05-May-20 | 101.5 | 85.0 | 8.03 | NW-46 | 0.94 | 0.06 | 0.5140 | 0.6328 | 321 |
| NW-49 | 05-May-20 | 101.5 | 87.8 | 5.17 | NW-46 | 0.94 | 0.06 | 0.3311 | 0.4077 | 207 |
| NW-50 | 05-May-20 | 101.5 | 83.0 | 7.24 | NW-55 | 0.89 | 0.11 | 0.7841 | 0.9654 | 489 |
| NW-51 | 05-May-20 | 101.5 | 87.9 | 9.15 | NW-51 | 0.96 | 0.04 | 0.3492 | 0.4299 | 218 |
| NW-52 | 05-May-20 | 101.5 | 85.1 | 11.43 | NW-51 | 0.96 | 0.04 | 0.4361 | 0.5370 | 272 |
| NW-53 | 05-May-20 | 101.5 | 89.5 | 10.32 | NW-53 | 0.97 | 0.03 | 0.3564 | 0.4388 | 222 |
| NW-54 | 05-May-20 | 101.5 | 89.4 | 8.12 | NW-53 | 0.97 | 0.03 | 0.2807 | 0.3456 | 175 |
| NW-55 | 05-May-20 | 101.5 | 80.0 | 5.06 | NW-55 | 0.89 | 0.11 | 0.5486 | 0.6754 | 342 |

Notes:

Octane (C₈H₁₈) was used as the representative hydrocarbon.

NSZD results represent order of magnitude values and may vary from reporting period to reporting period as additional site information is added and analytical methods are refined; however, the overall conclusions drawn from the NSZD results do not change the remedial implications except when noted.

°F = degrees Fahrenheit

μmol/m²/s = micromoles per square meter per second

¹⁴C = radiocarbon

g/m²/d = grams per square meter per day

kPa = kilo Pascals

Table 2. Quality Assurance and Quality Control of LI-COR Total CO₂ Efflux*SFPP Norwalk Pump Station, Norwalk, California*

| Location | Parent CO ₂ Efflux (μmol/m ² /s) | Replicate CO ₂ Efflux (μmol/m ² /s) | Difference in Efflux (μmol/m ² /s) | RPD |
|----------|--|---|---|-----|
| NW-08 | 2.85 | 2.03 | 0.82 | 34% |
| NW-27 | 1.10 | 1.04 | 0.06 | 6% |
| NW-38 | 1.46 | 0.97 | 0.48 | 40% |
| NW-43 | 1.55 | 1.80 | 0.25 | 15% |
| NW-48 | 5.52 | 8.03 | 2.51 | 37% |

Notes:

RPD = relative percent difference = $|Parent-Replicate|/((Parent + Replicate)/2)$ μmol/m²/s = micromole per meter squared per second**Table 3. Comparative Results of E-Flux Trap and ¹⁴BaCO₃ Sampling Techniques***SFPP Norwalk Pump Station, Norwalk, California*

| Location | E-Flux Trap | ¹⁴ BaCO ₃ Sample | RPD |
|----------|-------------|--|------|
| NW-26 | 0.92 | 0.92 | 0.3% |
| NW-46 | 0.95 | 0.94 | 1.0% |
| NW-53 | 0.97 | 0.97 | 0.1% |
| NW-55 | 0.95 | 0.89 | 6.3% |

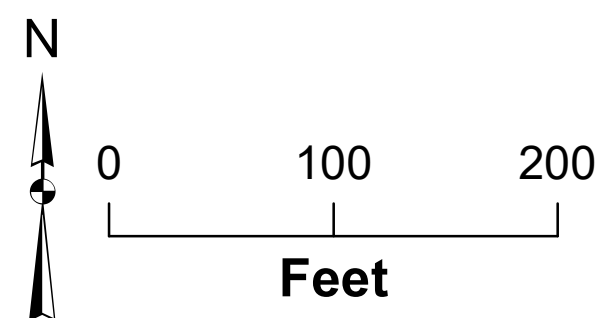
Notes:

RPD = relative percent difference = $|Parent-Replicate|/((Parent + Replicate)/2)$ μmol/m²/s = micromole per meter squared per second

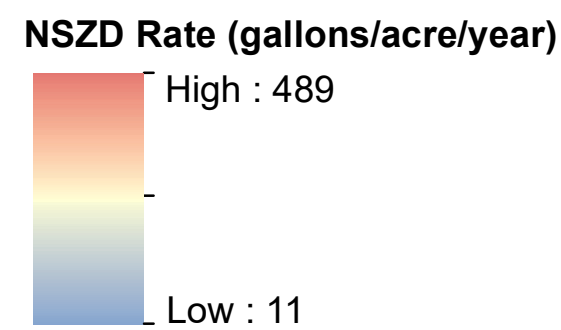
Figure



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



- Legend**
- LICOR Only
 - BaCO₃
 - Both ¹⁴C Methods
 - E-Flux
 - 50 gallons/acre/year Contour



- ▭ Inferred May 2020 Groundwater TPH Concentrations
- ▭ Inferred May 2020 extent of LNAPL

Figure 1. Measured NSZD Rates May 2020
SFPP Norwalk Pump Station
Natural Source Zone Depletion
Technical Memorandum

Appendix B.1. Soil Vapor Monitoring Details

SFPP Norwalk Pump Station, Norwalk, California

| Location | Easting | Northing | Top of Screen (ft. bgs.) | Bottom of Screen (ft. bgs.) |
|-----------------|----------------|-----------------|-------------------------------------|--|
| SV-10S | 6540267.797 | 1782708.769 | 5 | 5.5 |
| SV-12S | 6539753.345 | 1782829.667 | 5 | 5.5 |
| SV-14S | 6540106.046 | 1782578.069 | 5 | 5.5 |
| SV-17S | 6541215.289 | 1782771.241 | 5 | 5.5 |
| SV-2SS | 6541235.093 | 1782827.926 | 0 | 0.5 |
| SV-4S | 6540608.994 | 1782810.542 | 5 | 5.5 |
| SV-6S | 6540261.953 | 1782812.013 | 5 | 5.5 |
| SV-7AS | 6540091.235 | 1782773.231 | 5.5 | 6 |
| SV-7ASS | 6540091.235 | 1782773.231 | 0 | 0.5 |
| SV-7SS | 6540091.235 | 1782773.231 | 0 | 0.5 |
| SV-8ASS | 6540091.768 | 1782718.355 | 0 | 0.5 |
| SV-8S | 6540091.768 | 1782718.355 | 5.5 | 6 |
| SV-8SS | 6540091.768 | 1782718.355 | 0 | 0.5 |
| SV-9SS | 6540148.554 | 1782688.239 | 0 | 0.5 |
| SVM-01D | 6539934.158 | 1782751.202 | 15 | 15.5 |
| SVM-01S | 6539934.158 | 1782751.202 | 5 | 5.5 |
| SVM-02D | 6539915.418 | 1782654.309 | 14.5 | 15 |
| SVM-02S | 6539915.418 | 1782654.309 | 5 | 5.5 |
| SVM-03D | 6540352.913 | 1782727.013 | 15 | 15.5 |
| SVM-03S | 6540352.913 | 1782727.013 | 5 | 5.5 |
| SVM-04D | 6540443.669 | 1782822.529 | 14.5 | 15 |
| SVM-04S | 6540443.669 | 1782822.529 | 5 | 5.5 |
| SVM-05D | 6540258.286 | 1782817.347 | 15 | 15.5 |
| SVM-05S | 6540258.286 | 1782817.347 | 5 | 5.5 |
| SVM-06D | 6540063.541 | 1782775.007 | 13 | 13.5 |
| SVM-06S | 6540063.541 | 1782775.007 | 7 | 7.5 |
| SVM-07D | 6540126.172 | 1782701.947 | 13 | 13.5 |
| SVM-07S | 6540126.172 | 1782701.947 | 7 | 7.5 |
| SVM-08D | 6540256.879 | 1782712.476 | 15 | 15.5 |
| SVM-08S | 6540256.879 | 1782712.476 | 5 | 5.5 |
| SVM-09D | 6541218.214 | 1782917.453 | 14.5 | 15 |
| SVM-09S | 6541218.214 | 1782917.453 | 5 | 5.5 |
| SVM-10D | 6540114.074 | 1782567.878 | 15 | 15.5 |
| SVM-10S | 6540114.074 | 1782567.878 | 7.5 | 8 |
| SVM-11D | 6540094.409 | 1783048.449 | 22 | 22.5 |
| SVM-11M | 6540094.409 | 1783048.449 | 15 | 15.5 |
| SVM-11S | 6540094.409 | 1783048.449 | 7 | 7.5 |
| SVM-12D | 6539846.272 | 1782941.099 | 22 | 22.5 |
| SVM-12M | 6539846.272 | 1782941.099 | 15 | 15.5 |
| SVM-12S | 6539846.272 | 1782941.099 | 7 | 7.5 |
| SVM-13D | 6540111.667 | 1782935.598 | 22 | 22.5 |
| SVM-13M | 6540111.667 | 1782935.598 | 15 | 15.5 |
| SVM-13S | 6540111.667 | 1782935.598 | 7 | 7.5 |
| SVM-14D | 6540263.685 | 1782908.941 | 22 | 22.5 |
| SVM-14M | 6540263.685 | 1782908.941 | 15 | 15.5 |
| SVM-14RD | 6540263.685 | 1782908.941 | 22 | 22.5 |
| SVM-14RM | 6540263.685 | 1782908.941 | 16 | 16.5 |
| SVM-14RS | 6540263.685 | 1782908.941 | 8 | 8.5 |
| SVM-14S | 6540263.685 | 1782908.941 | 7 | 7.5 |
| SVM-15D | 6540050.251 | 1782841.391 | 22 | 22.5 |

Appendix B.1. Soil Vapor Monitoring Details

SFPP Norwalk Pump Station, Norwalk, California

| Location | Easting | Northing | Top of Screen (ft. bgs.) | Bottom of Screen (ft. bgs.) |
|----------|-------------|-------------|-----------------------------|--------------------------------|
| SVM-15M | 6540050.251 | 1782841.391 | 15 | 15.5 |
| SVM-15S | 6540050.251 | 1782841.391 | 7 | 7.5 |
| SVM-16D | 6540255.489 | 1782631.499 | 22 | 22.5 |
| SVM-16M | 6540255.489 | 1782631.499 | 16 | 16.5 |
| SVM-16S | 6540255.489 | 1782631.499 | 7 | 7.5 |
| SVM-17D | 6541150.721 | 1782934.107 | 14.5 | 15 |
| SVM-17S | 6541150.721 | 1782934.107 | 5 | 5.5 |
| SVM-18D | 6541173.614 | 1783140.197 | 14.5 | 15 |
| SVM-18S | 6541173.614 | 1783140.197 | 5 | 5.5 |
| SVM-19D | 6541044.618 | 1783056.483 | 14.5 | 15 |
| SVM-19S | 6541044.618 | 1783056.483 | 5 | 5.5 |
| SVM-20D | 6541168.995 | 1783039.791 | 14.5 | 15 |
| SVM-20S | 6541168.995 | 1783039.791 | 5 | 5.5 |
| SVM-21D | 6541178.744 | 1782873.691 | 14.5 | 15 |
| SVM-21S | 6541178.744 | 1782873.691 | 5 | 5.5 |
| SVM-22D | 6541265.209 | 1782872.123 | 14.5 | 15 |
| SVM-22S | 6541265.209 | 1782872.123 | 5 | 5.5 |
| SVM-23D | 6541353.950 | 1782871.308 | 14.5 | 15 |
| SVM-23S | 6541353.950 | 1782871.308 | 5 | 5.5 |
| SVM-24D | 6541189.441 | 1782750.500 | 10 | 10.5 |
| SVM-24S | 6541189.441 | 1782750.500 | 5 | 5.5 |
| SVM-25D | 6541358.591 | 1782748.693 | 10 | 10.5 |
| SVM-25S | 6541358.591 | 1782748.693 | 5 | 5.5 |
| SVM-26S | 6540745.140 | 1782736.030 | 10 | 10.5 |
| SVM-26D | 6540745.140 | 1782736.030 | 5 | 5.5 |
| SVM-27S | 6541011.400 | 1782737.530 | 10 | 10.5 |
| SVM-27D | 6541011.400 | 1782737.530 | 5 | 5.5 |
| SVP-105D | 6539634.209 | 1782925.319 | 10 | 10.5 |
| SVP-105S | 6539634.209 | 1782925.319 | 5 | 5.5 |
| SVP-106D | 6539730.236 | 1782930.562 | 10 | 10.5 |
| SVP-106S | 6539730.236 | 1782930.562 | 5 | 5.5 |
| SVP-107D | 6539946.272 | 1782906.510 | 10 | 10.5 |
| SVP-107S | 6539946.272 | 1782906.510 | 5 | 5.5 |
| SVP-108D | 6540562.436 | 1782924.664 | 10 | 10.5 |
| SVP-108S | 6540562.436 | 1782924.664 | 5 | 5.5 |
| SVP-109D | 6540729.130 | 1782904.636 | 10 | 10.5 |
| SVP-109S | 6540729.130 | 1782904.636 | 5 | 5.5 |

Notes:

S = Shallow

M = Middle

D = Deep

SVM = Soil Vapor Monitoring

SVP = Soil Vapor Probe

SV = Historical Soil Vapor Location (no longer accessible)

Appendix B.2. Helium Diffusion Calculations

SFPP Norwalk Pump Station, Norwalk, California

| Location | Probe Location | Depth (ft) | Depth (m) | CO2 Concentrations (%) | | | | | | | | Average CO2 Concentration (2014-2021) | 2021 Summary | | | | | | | | | | | | |
|----------|-----------------------|------------|-----------|------------------------|------|------|------|------|------|------|------|---------------------------------------|--|---------------------------|---------------------------|--------------------------|-----------------------------|----------------------------|--|--|-----------------------------|--|--|---|---|
| | | | | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | | dC/dz Vertical CO2 Gradient to Overlying Probe | Mass Conversion (Eq. D.5) | Mass Gradient (mgCO2/m3m) | Mass Gradient (gCO2/m3m) | Dco2 ^{eff} (cm2/s) | Dco2 ^{eff} (m2/s) | NSZD Rate using Ficks Law (gCO2/m2day) | CO2 Octane Correction of NSZD Rate (gOctane/m2day) | Applied C14 Correction Rate | NSZD Rate using Ficks Law (gCO2/m2day) (C14 Corrected) | CO2 Octane Correction of NSZD Rate (gOctane/m2day) (C14 Corrected) | NSZD Rate (galOctane/m2day) (C14 Corrected) | NSZD Rate (galOctane/acre/year) (C14 Corrected) |
| SVM-01D | Offsite South Central | 15.0 | 4.6 | 0.5 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 1.1 | 0.30 | -0.005 | NA | NA | NA | NA | NA | NA | 0.56 | NA | NA | 0.00 | 0 | |
| SVM-01S | Offsite South Central | 5.5 | 1.7 | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 1.3 | 0.31 | | | | | | | | | | | | | |
| SVM-02D | Offsite South Central | 15.0 | 4.6 | 0.6 | | | | | | | 1.8 | 1.19 | 0.265 | 15923 | 3559 | 3.6 | 0.018 | 0.000002 | 0.74 | 0.21 | 0.56 | 0.32 | 0.09 | 0.10 | 36 |
| SVM-02S | Offsite South Central | 5.5 | 1.7 | 1.0 | 0.2 | 0.2 | 0.1 | 0.1 | 0.4 | 0.2 | 1.2 | 0.42 | | | | | | | | | | | | | |
| SVM-03D | Offsite South Central | 15.5 | 4.7 | 1.6 | 0.5 | 0.2 | 0.5 | 0.3 | 0.2 | 0.4 | 0.2 | 0.48 | 0.073 | 6419 | 983 | 1.0 | 0.018 | 0.000002 | 0.20 | 0.06 | 0.56 | 0.09 | 0.03 | 0.03 | 10 |
| SVM-03S | Offsite South Central | 5.5 | 1.7 | 0.7 | 0.3 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.1 | 0.25 | | | | | | | | | | | | | |
| SVM-05D | Offsite South Central | 16.0 | 4.9 | 0.3 | 0.2 | 0.1 | 0.2 | 0.1 | 0.2 | 0.4 | 0.1 | 0.19 | 0.003 | 2540 | 41 | 0.0 | 0.018 | 0.000002 | 0.01 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0 |
| SVM-05S | Offsite South Central | 5.5 | 1.7 | 0.6 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.1 | 0.18 | | | | | | | | | | | | | |
| SVM-06D | Offsite South Central | 16.5 | 5.0 | 0.2 | 0.2 | 0.1 | 0.2 | 1.0 | 0.2 | 0.2 | 0.1 | 0.27 | 0.026 | 3641 | 353 | 0.4 | 0.018 | 0.000002 | 0.07 | 0.02 | 0.56 | 0.03 | 0.01 | 0.01 | 4 |
| SVM-06S | Offsite South Central | 7.0 | 2.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.4 | 0.2 | 0.2 | 0.2 | 0.19 | | | | | | | | | | | | | |
| SVM-07D | Offsite South Central | 13.75 | 4.2 | 1.0 | 0.9 | 0.6 | 0.5 | 1.2 | 0.3 | 0.5 | 0.6 | 0.69 | 0.074 | 9313 | 1000 | 1.0 | 0.018 | 0.000002 | 0.21 | 0.06 | 0.56 | 0.09 | 0.03 | 0.03 | 10 |
| SVM-07S | Offsite South Central | 7.5 | 2.3 | 1.0 | 0.6 | 0.2 | 0.5 | 0.7 | 0.2 | 0.6 | 0.6 | 0.55 | | | | | | | | | | | | | |
| SVM-08D | Offsite South Central | 15.5 | 4.7 | 0.4 | 0.4 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.23 | -0.005 | NA | NA | NA | NA | NA | NA | 0.56 | NA | NA | 0.00 | 0 | |
| SVM-08S | Offsite South Central | 5.5 | 1.7 | 0.5 | 0.3 | 0.1 | 0.2 | 0.1 | 0.2 | 0.4 | 0.1 | 0.24 | | | | | | | | | | | | | |
| SVM-10D | Offsite South Central | 16.0 | 4.9 | 6.5 | 5.4 | 2.5 | 2.4 | 3.6 | 2.6 | 3.3 | 1.3 | 3.43 | 1.367 | 46130 | 18367 | 18.4 | 0.018 | 0.000002 | 3.81 | 1.09 | 0.56 | 1.68 | 0.48 | 0.51 | 186 |
| SVM-10S | Offsite South Central | 8.0 | 2.4 | | | 0.1 | | | | | | 0.10 | | | | | | | | | | | | | |
| SVM-15D | Offsite South Central | 22.5 | 6.9 | 1.2 | 0.4 | 0.3 | 0.6 | 0.3 | 0.5 | 0.2 | 0.4 | 0.47 | 0.076 | 6283 | 1027 | 1.0 | 0.018 | 0.000002 | 0.21 | 0.06 | 0.56 | 0.09 | 0.03 | 0.03 | 10 |
| SVM-15M | Offsite South Central | 15.5 | 4.7 | 0.7 | 0.2 | 0.1 | 0.4 | 0.2 | 0.2 | 0.2 | 0.5 | 0.30 | -0.014 | NA | NA | NA | NA | NA | NA | 0.56 | NA | NA | 0.00 | 0 | |
| SVM-15S | Offsite South Central | 7.5 | 2.3 | 0.6 | 0.2 | 0.1 | 0.3 | 0.1 | 0.2 | 0.7 | 0.5 | 0.34 | | | | | | | | | | | | | |
| SVM-16D | Offsite South Central | 22.5 | 6.9 | 15.0 | 13.0 | 4.4 | 7.5 | 6.7 | 8.8 | 12.6 | 1.1 | 8.64 | 3.866 | 116109 | 51946 | 51.9 | 0.018 | 0.000002 | 10.77 | 3.07 | 0.56 | 4.74 | 1.35 | 1.44 | 527 |
| SVM-16M | Offsite South Central | 16.0 | 4.9 | 1.8 | 1.5 | 0.4 | 0.8 | 2.4 | 0.3 | 0.6 | 0.2 | 0.98 | 0.230 | 13194 | 3097 | 3.1 | 0.018 | 0.000002 | 0.64 | 0.18 | 0.56 | 0.28 | 0.08 | 0.09 | 31 |
| SVM-16S | Offsite South Central | 7.5 | 2.3 | 0.4 | 0.7 | 0.3 | 0.5 | 0.4 | 0.2 | 0.2 | 0.4 | 0.38 | | | | | | | | | | | | | |
| SVM-11D | South Central Onsite | 22.5 | 6.9 | 0.7 | 0.3 | 3.8 | 11.3 | 7.9 | 4.9 | 5.5 | 3.5 | 4.74 | 1.386 | 63641 | 18630 | 18.6 | 0.018 | 0.000002 | 3.86 | 1.10 | 0.56 | 1.70 | 0.48 | 0.52 | 189 |
| SVM-11M | South Central Onsite | 15.5 | 4.7 | 0.9 | 1.0 | 0.4 | 6.6 | 2.7 | 0.5 | 1.3 | 1.0 | 1.78 | 0.430 | 23891 | 5773 | 5.8 | 0.018 | 0.000002 | 1.20 | 0.34 | 0.56 | 0.53 | 0.15 | 0.16 | 59 |
| SVM-11S | South Central Onsite | 7.5 | 2.3 | 0.8 | 0.6 | 0.4 | 1.4 | 1.2 | 0.3 | 0.2 | 1.0 | 0.73 | | | | | | | | | | | | | |
| SVM-12D | South Central Onsite | 22.5 | 6.9 | 16.0 | 5.4 | 6.1 | 12.7 | 7.4 | 3.7 | 5.1 | 9.3 | 8.20 | 2.259 | 110174 | 30352 | 30.4 | 0.018 | 0.000002 | 6.29 | 1.79 | 0.56 | 2.77 | 0.79 | 0.84 | 308 |
| SVM-12M | South Central Onsite | 15.5 | 4.7 | 3.8 | 2.5 | 1.9 | 8.4 | 6.1 | 1.1 | 1.5 | 1.9 | 3.38 | 0.861 | 45415 | 11571 | 11.6 | 0.018 | 0.000002 | 2.40 | 0.68 | 0.56 | 1.06 | 0.30 | 0.32 | 117 |
| SVM-12S | South Central Onsite | 7.5 | 2.3 | 0.8 | 1.1 | 0.5 | 3.1 | 2.9 | 0.9 | 0.6 | 0.4 | 1.28 | | | | | | | | | | | | | |
| SVM-13D | South Central Onsite | 23.5 | 7.2 | 6.1 | 0.4 | 0.7 | 2.8 | 0.7 | 0.4 | 0.2 | 2.3 | 1.70 | 0.677 | 22820 | 9091 | 9.1 | 0.018 | 0.000002 | 1.89 | 0.54 | 0.56 | 0.83 | 0.24 | 0.25 | 92 |
| SVM-13M | South Central Onsite | 16.0 | 4.9 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.15 | 0.002 | 2038 | 22 | 0.0 | 0.018 | 0.000002 | 0.00 | 0.00 | 0.56 | 0.00 | 0.00 | 0.00 | 0 |
| SVM-13S | South Central Onsite | 7.5 | 2.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.15 | | | | | | | | | | | | | |
| SVM-14D | South Central Onsite | 22.5 | 6.9 | 12.0 | 12.0 | 0.6 | 1.3 | | | | | 6.49 | 1.976 | 87178 | 26550 | 26.6 | 0.018 | 0.000002 | 5.51 | 1.57 | 0.56 | 2.42 | 0.69 | 0.74 | 269 |
| SVM-14M | South Central Onsite | 15.5 | 4.7 | 2.3 | 4.7 | 1.8 | 0.4 | | | | | 2.27 | 0.638 | 30530 | 8576 | 8.6 | 0.018 | 0.000002 | 1.78 | 0.51 | 0.56 | 0.78 | 0.22 | 0.24 | 87 |
| SVM-14S | South Central Onsite | 7.5 | 2.3 | 0.7 | 0.5 | 1.1 | 0.6 | | | | | 0.72 | | | | | | | | | | | | | |
| SVM-14RD | South Central Onsite | 23.5 | 7.2 | | | | | 1.6 | 1.0 | 5.5 | 5.8 | 3.50 | 0.906 | 46998 | 12180 | 12.2 | 0.018 | 0.000002 | 2.53 | 0.72 | 0.56 | 1.11 | 0.32 | 0.34 | 124 |
| SVM-14RM | South Central Onsite | 16.5 | 5.0 | | | | | 0.8 | 0.5 | 1.6 | 3.4 | 1.56 | 0.279 | 21012 | 3748 | 3.7 | 0.018 | 0.000002 | 0.78 | 0.22 | 0.56 | 0.34 | 0.10 | 0.10 | 38 |
| SVM-14RS | South Central Onsite | 8.5 | 2.6 | | | | | 0.8 | 0.7 | 0.8 | 1.2 | 0.88 | | | | | | | | | | | | | |
| SVP-105D | South Central Onsite | 10.5 | 3.2 | | | | 1.6 | | 1.3 | 1.4 | | 1.43 | 0.197 | 19260 | 2645 | 2.6 | 0.018 | 0.000002 | 0.55 | 0.16 | 0.56 | 0.24 | 0.07 | 0.07 | 27 |
| SVP-105S | South Central Onsite | 5.5 | 1.7 | | | | 1.1 | | 1.1 | 1.2 | | 1.13 | | | | | | | | | | | | | |
| SVP-106D | South Central Onsite | 10.5 | 3.2 | | | | 1.5 | | 1.2 | 0.8 | | 1.15 | 0.131 | 15497 | 1763 | 1.8 | 0.018 | 0.000002 | 0.37 | 0.10 | 0.56 | 0.16 | 0.05 | 0.05 | 18 |
| SVP-106S | South Central Onsite | 5.5 | 1.7 | | | | 0.9 | | 1.0 | 1.0 | | 0.95 | | | | | | | | | | | | | |
| SVP-107D | South Central Onsite | 10.5 | 3.2 | | | | 0.3 | | 0.2 | 0.2 | | 0.22 | -0.418 | NA | NA | NA | NA | NA | NA | 0.56 | NA | NA | 0.00 | 0 | |

Appendix B.2. Helium Diffusion Calculations

SFPP Norwalk Pump Station, Norwalk, California

| Location | Probe Location | Depth (ft) | Depth (m) | CO ₂ Concentrations (%) | | | | | | | | 2021 Summary | | | | | | | | | | | | | | | | | | |
|----------|----------------------|------------|-----------|------------------------------------|------|------|------|------|------|------|------|---|--|---------------------------|---|--|--|---|--|---|---|--|---|--|---|--|--|--|--|--|
| | | | | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | Average CO ₂ Concentration (2014-2021) | dC/dz Vertical CO ₂ Gradient to Overlying Probe | Mass Conversion (Eq. D.5) | Mass Gradient (mgCO ₂ /m ³ m) | Mass Gradient (gCO ₂ /m ³ m) | D _{CO2} ^{eff} (cm ² /s) | D _{CO2} ^{eff} (m ² /s) | NSZD Rate using Ficks Law (gCO ₂ /m ² day) | CO ₂ Octane Correction of NSZD Rate (gOctane/m ² day) | Applied C ¹⁴ Correction Rate | NSZD Rate using Ficks Law (gCO ₂ /m ² day) (C ¹⁴ Corrected) | CO ₂ Octane Correction of NSZD Rate (gOctane/m ² day) (C ¹⁴ Corrected) | NSZD Rate (galOctane/m ² day) (C ¹⁴ Corrected) | NSZD Rate (galOctane/acre/year) (C ¹⁴ Corrected) | | | | | |
| SVP-107S | South Central Onsite | 5.5 | 1.7 | | | | 1.1 | | 0.5 | 0.9 | | 0.86 | | | | | | | | | | | | | | | | | | |
| SVP-108D | South Central Onsite | 10.5 | 3.2 | | | | 1.9 | | | 13.0 | 2.1 | 5.67 | 3.205 | 76142 | 43070 | 43.1 | 0.018 | 0.000002 | 8.93 | 2.55 | 0.56 | 3.93 | 1.12 | 1.20 | 437 | | | | | |
| SVP-108S | South Central Onsite | 5.5 | 1.7 | | | | 0.4 | | | 1.6 | 0.4 | 0.78 | | | | | | | | | | | | | | | | | | |
| SVP-109D | South Central Onsite | 10.5 | 3.2 | | | | 3.0 | | | 1.7 | 0.7 | 1.79 | -0.031 | NA | NA | NA | NA | NA | NA | NA | 0.56 | NA | NA | 0.00 | 0 | | | | | |
| SVP-109S | South Central Onsite | 5.5 | 1.7 | | | | 3.2 | | | 1.2 | 1.1 | 1.83 | | | | | | | | | | | | | | | | | | |
| SVM-09D | Southeastern | 15.0 | 4.6 | 5.2 | 2.8 | 0.9 | 3.8 | 1.9 | 1.3 | 1.4 | 0.7 | 2.25 | 0.537 | 30241 | 7217 | 7.2 | 0.018 | 0.000002 | 1.50 | 0.43 | 0.56 | 0.66 | 0.19 | 0.20 | 73 | | | | | |
| SVM-09S | Southeastern | 5.5 | 1.7 | 1.0 | 0.8 | 1.1 | 0.5 | 0.4 | 0.2 | 1.0 | 0.5 | 0.70 | | | | | | | | | | | | | | | | | | |
| SVM-17D | Southeastern | 10.5 | 3.2 | | | | 1.0 | 0.6 | 0.4 | 0.3 | | 0.55 | 0.180 | 7361 | 2422 | 2.4 | 0.018 | 0.000002 | 0.50 | 0.14 | 0.56 | 0.22 | 0.06 | 0.07 | 25 | | | | | |
| SVM-17S | Southeastern | 5.5 | 1.7 | | | | 0.2 | 0.3 | 0.2 | 0.3 | 0.4 | 0.27 | | | | | | | | | | | | | | | | | | |
| SVM-18D | Southeastern | 10.5 | 3.2 | | | | 2.9 | 2.0 | 2.2 | 0.5 | 0.5 | 1.62 | 0.766 | 21726 | 10291 | 10.3 | 0.018 | 0.000002 | 2.13 | 0.61 | 0.56 | 0.94 | 0.27 | 0.29 | 104 | | | | | |
| SVM-18S | Southeastern | 5.5 | 1.7 | | | | 0.4 | 0.5 | 0.2 | 0.8 | 0.3 | 0.45 | | | | | | | | | | | | | | | | | | |
| SVM-19S | Southeastern | 5.5 | 1.7 | | | | 0.1 | 0.3 | 0.2 | 0.7 | | 0.32 | | | | | | | | | | | | | | | | | | |
| SVM-20D | Southeastern | 10.5 | 3.2 | | | | 0.9 | 0.6 | 0.5 | 1.8 | 5.4 | 1.85 | 0.179 | 24830 | 2407 | 2.4 | 0.018 | 0.000002 | 0.50 | 0.14 | 0.56 | 0.22 | 0.06 | 0.07 | 24 | | | | | |
| SVM-20S | Southeastern | 5.5 | 1.7 | | | | 0.3 | 0.3 | 0.2 | 1.8 | 5.2 | 1.57 | | | | | | | | | | | | | | | | | | |
| SVM-21D | Southeastern | 15.0 | 4.6 | | | | 1.9 | 0.8 | 0.6 | 1.4 | 1.0 | 1.15 | 0.109 | 15448 | 1459 | 1.5 | 0.018 | 0.000002 | 0.30 | 0.09 | 0.56 | 0.13 | 0.04 | 0.04 | 15 | | | | | |
| SVM-21S | Southeastern | 5.5 | 1.7 | | | | 1.4 | 0.6 | 0.6 | 1.1 | 0.5 | 0.84 | | | | | | | | | | | | | | | | | | |
| SVM-22D | Southeastern | 15.0 | 4.6 | | | | 1.0 | 0.4 | 0.3 | 0.3 | 2.5 | 0.90 | 0.016 | 12039 | 221 | 0.2 | 0.018 | 0.000002 | 0.05 | 0.01 | 0.56 | 0.02 | 0.01 | 0.01 | 2 | | | | | |
| SVM-22S | Southeastern | 5.5 | 1.7 | | | | 0.7 | 0.2 | 0.2 | 0.4 | 2.8 | 0.85 | | | | | | | | | | | | | | | | | | |
| SVM-23D | Southeastern | 15.0 | 4.6 | | | | 2.3 | 1.1 | 0.3 | 0.1 | 0.2 | 0.80 | -0.010 | NA | NA | NA | NA | NA | NA | NA | 0.56 | NA | NA | 0.00 | 0 | | | | | |
| SVM-23S | Southeastern | 5.5 | 1.7 | | | | 1.8 | 0.9 | 1.3 | 0.1 | 0.1 | 0.83 | | | | | | | | | | | | | | | | | | |
| SVM-24D | Southeastern | 10.5 | 3.2 | | | | | | | 1.7 | 3.4 | 2.56 | 0.820 | 34449 | 11021 | 11.0 | 0.018 | 0.000002 | 2.29 | 0.65 | 0.56 | 1.01 | 0.29 | 0.31 | 112 | | | | | |
| SVM-24S | Southeastern | 5.5 | 1.7 | | | | | | | 1.1 | 1.5 | 1.31 | | | | | | | | | | | | | | | | | | |
| SVM-24D | Southeastern | 10.5 | 3.2 | | | | | | | 1.7 | 3.4 | 2.56 | 0.820 | 34449 | 11021 | 11.0 | 0.018 | 0.000002 | 2.29 | 0.65 | 0.56 | 1.01 | 0.29 | 0.31 | 112 | | | | | |
| SVM-24S | Southeastern | 5.5 | 1.7 | | | | | | | 1.1 | 1.5 | 1.31 | | | | | | | | | | | | | | | | | | |

Notes:

Calculations based on the equations described in Appendix D of Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE) Technical Memorandum No. 44 (CRC CARE, 2018)

NA - Not Applicable

Appendix C
BS-02 Narrative and Operations Data

Appendix C. BS-02 Narrative and Operations Data
 SFPP Norwalk Pump Station, Norwalk, California

| | Operational Data | | | | | | VOC Mass Removal | | | | | O2 Calculations | | | | |
|------------------|-----------------------------|----------------------------|---------------------------------|---------------------------------|------------------------|---------------------------|-----------------------------------|-----------------------------------|--------------------------------|--|------------------|---------------------------|---|--|---|----------------------|
| Date | SVE Influent Max of CO2 (%) | SVE Influent Max of O2 (%) | SVE Influent Max of VOCs (ppmv) | Max of SVE Influent Flow (scfm) | Operational Efficiency | Corrected SVE Flow (scfm) | Removal Rate (VOC ppm/ft3/minute) | VOC Mass Removal Rate (lb/minute) | VOC Mass Removal Rate (lb/day) | Cumulative Equivalent Mass Removed (lbs) | O2 Depletion (%) | O2 Depletion (lbs/minute) | Equivalent Mass Consumed by O2 (lbs/minute) | Equivalent Mass Consumed by O2 (lbs/day) | Cumulative Equivalent Mass Consumed by O2 (lbs) | Difference O2 vs CO2 |
| 5/15/20 11:30 | 2.40 | 17.20 | 0.00 | 196.00 | 0.00 | 0.31 | 0.00 | 0.00000 | 0.00 | 0 | 5.3 | 0.00 | 0.00 | 0.51 | 0 | 0 |
| 5/15/20 12:46 | 2.70 | 17.70 | 263.50 | 188.00 | 0.00 | 0.29 | 77.40 | 0.00002 | 0.02 | 0 | 4.8 | 0.00 | 0.00 | 0.44 | 0 | 0 |
| 5/18/20 8:20 | 2.20 | 19.30 | 563.00 | 166.00 | 0.00 | 0.26 | 146.03 | 0.00003 | 0.05 | 0 | 3.2 | 0.00 | 0.00 | 0.26 | 1 | 0 |
| 5/18/20 8:20 | 2.20 | 19.30 | 0.00 | 166.00 | 0.00 | 0.26 | 0.00 | 0.00000 | 0.00 | 0 | 3.2 | 0.00 | 0.00 | 0.26 | 1 | 0 |
| 5/18/20 11:58 | 1.60 | 19.20 | 655.00 | 160.00 | 0.00 | 0.25 | 163.75 | 0.00004 | 0.05 | 0 | 3.3 | 0.00 | 0.00 | 0.26 | 1 | 0 |
| 5/20/20 8:25 | 1.70 | 18.20 | 403.00 | 168.00 | 1.00 | 168.00 | 67704.00 | 0.01488 | 21.42 | 20 | 4.3 | 0.55 | 0.16 | 225.61 | 210 | -209 |
| 5/20/20 8:25 | 1.70 | 18.20 | 0.00 | 168.00 | 1.00 | 168.00 | 0.00 | 0.00000 | 0.00 | 20 | 4.3 | 0.55 | 0.16 | 225.61 | 210 | -209 |
| 5/20/20 11:18 | 1.50 | 18.80 | 252.00 | 168.00 | 1.00 | 168.00 | 42336.00 | 0.00930 | 13.40 | 21 | 3.7 | 0.48 | 0.13 | 194.13 | 235 | -223 |
| 5/22/20 14:15 | 1.30 | 18.80 | 533.00 | 179.00 | 1.00 | 179.00 | 95407.00 | 0.02097 | 30.19 | 67 | 3.7 | 0.51 | 0.14 | 206.84 | 661 | -472 |
| 5/22/20 14:15 | 1.30 | 18.80 | 0.00 | 179.00 | 1.00 | 179.00 | 0.00 | 0.00000 | 0.00 | 67 | 3.7 | 0.51 | 0.14 | 178.89 | 661 | -472 |
| 5/26/20 8:46 | 1.10 | 18.70 | 526.00 | 168.00 | 1.00 | 168.00 | 88368.00 | 0.01942 | 27.96 | 120 | 3.8 | 0.49 | 0.14 | 199.38 | 1427 | -949 |
| 5/26/20 14:18 | 1.00 | 18.50 | 397.00 | 177.00 | 1.00 | 177.00 | 70269.00 | 0.01544 | 22.24 | 126 | 4 | 0.54 | 0.15 | 221.11 | 1476 | -984 |
| 5/27/20 8:10 | 1.20 | 18.90 | 383.00 | 168.00 | 1.00 | 168.00 | 64344.00 | 0.01414 | 20.36 | 141 | 3.6 | 0.46 | 0.13 | 188.88 | 1628 | -1093 |
| 5/29/20 9:13 | 1.20 | 19.20 | 368.00 | 168.00 | 1.00 | 167.22 | 61537.78 | 0.01352 | 19.47 | 182 | 3.3 | 0.42 | 0.12 | 172.34 | 1997 | -1326 |
| 6/3/20 14:48 | 5.40 | 19.20 | 1129.00 | 172.00 | 1.00 | 172.00 | 194188.00 | 0.04267 | 61.45 | 394 | 3.3 | 0.43 | 0.12 | 177.27 | 2912 | -1895 |
| 6/4/20 10:08 | 0.80 | 19.90 | 687.10 | 180.00 | 1.00 | 180.00 | 123678.00 | 0.02718 | 39.14 | 434 | 2.6 | 0.36 | 0.10 | 146.16 | 3042 | -1779 |
| 6/5/20 13:00 | 1.10 | 19.00 | 1300.00 | 180.00 | 1.00 | 180.00 | 234000.00 | 0.05142 | 74.05 | 498 | 3.5 | 0.48 | 0.14 | 196.75 | 3234 | -1918 |
| 6/5/20 13:00 | 1.10 | 19.00 | 0.00 | 180.00 | 1.00 | 180.00 | 0.00 | 0.00000 | 0.00 | 498 | 3.5 | 0.48 | 0.14 | 196.75 | 3234 | -1918 |
| 6/10/20 10:45 | 1.10 | 19.00 | 1050.00 | 224.00 | 1.00 | 224.00 | 235200.00 | 0.05168 | 74.43 | 680 | 3.5 | 0.60 | 0.17 | 244.85 | 4317 | -2681 |
| 6/23/20 10:30 | 1.80 | 18.40 | 323.00 | 206.00 | 1.00 | 205.18 | 66273.96 | 0.01456 | 20.97 | 1300 | 4.1 | 0.64 | 0.18 | 262.73 | 7614 | -4923 |
| 6/24/20 11:20 | 1.00 | 18.90 | 650.00 | 205.00 | 0.99 | 203.78 | 132456.85 | 0.02911 | 41.91 | 1332 | 3.6 | 0.56 | 0.16 | 229.11 | 7869 | -5052 |
| 6/26/20 7:45 | 1.30 | 17.80 | 706.00 | 212.00 | 0.99 | 210.74 | 148781.10 | 0.03269 | 47.08 | 1415 | 4.7 | 0.76 | 0.21 | 309.33 | 8367 | -5426 |
| 6/30/20 12:49 | 1.50 | 19.10 | 560.00 | 202.92 | 1.00 | 202.92 | 113635.20 | 0.02497 | 35.96 | 1590 | 3.4 | 0.53 | 0.15 | 215.47 | 9472 | -6150 |
| 7/6/20 11:34 | 1.10 | 19.20 | 575.00 | 209.00 | 1.00 | 209.00 | 120175.00 | 0.02641 | 38.03 | 1810 | 3.3 | 0.53 | 0.15 | 215.40 | 10753 | -6835 |
| 7/8/20 13:02 | 1.20 | 18.50 | 98.80 | 208.00 | 0.95 | 197.18 | 19481.08 | 0.00428 | 6.16 | 1855 | 4 | 0.60 | 0.17 | 246.32 | 11229 | -7155 |
| 7/10/20 14:30 | 0.90 | 19.00 | 638.50 | 209.68 | 0.95 | 198.77 | 126914.32 | 0.02789 | 40.16 | 1903 | 3.5 | 0.53 | 0.15 | 217.27 | 11707 | -7472 |
| 7/14/20 10:30 | 0.70 | 19.30 | 699.10 | 205.70 | 0.95 | 195.00 | 136322.12 | 0.02996 | 43.14 | 2000 | 3.2 | 0.48 | 0.14 | 194.88 | 12529 | -7996 |
| 7/17/20 8:13 | 0.70 | 19.30 | 699.10 | 205.70 | 0.95 | 195.00 | 136322.12 | 0.02996 | 43.14 | 2184 | 3.2 | 0.48 | 0.14 | 194.88 | 13095 | -8464 |
| 7/24/20 13:30 | 0.80 | 19.60 | 675.00 | 210.00 | 0.97 | 204.54 | 138062.09 | 0.03034 | 43.69 | 2497 | 2.9 | 0.45 | 0.13 | 185.25 | 14468 | -9511 |
| 8/4/20 13:35 | 1.00 | 17.30 | 152.60 | 226.83 | 0.95 | 216.52 | 33040.88 | 0.00726 | 10.46 | 2795 | 5.2 | 0.86 | 0.24 | 351.63 | 17421 | -11872 |
| 8/21/2020 15:25 | 0.80 | 19.70 | 340.00 | 150.00 | 1.00 | 149.56 | 50850.00 | 0.01117 | 16.09 | 3022 | 2.8 | 0.32 | 0.09 | 130.78 | 21540 | -14772 |
| 9/17/2020 8:10 | 0.80 | 19.50 | 320.00 | 200.00 | 0.96 | 191.74 | 61358.20 | 0.01348 | 19.42 | 3496 | 3 | 0.44 | 0.12 | 179.65 | 25684 | -17864 |
| 9/29/2020 13:30 | 0.30 | 21.50 | 70.00 | 221.00 | 0.99 | 219.85 | 15389.80 | 0.00338 | 4.87 | 3644 | 1 | 0.17 | 0.05 | 68.66 | 27202 | -18764 |
| 10/15/2020 10:30 | 0.70 | 19.80 | 801.00 | 169.00 | 0.92 | 155.02 | 124171.81 | 0.02729 | 39.29 | 3994 | 2.7 | 0.32 | 0.09 | 130.72 | 28784 | -20012 |
| 10/30/2020 12:20 | 1.10 | 19.20 | 1346.00 | 230.43 | 0.85 | 195.01 | 262487.41 | 0.05768 | 83.06 | 4917 | 3.3 | 0.49 | 0.14 | 200.98 | 31285 | -21962 |
| 11/4/2020 9:12 | 0.80 | 19.80 | 354.50 | 273.22 | 1.00 | 273.22 | 96856.49 | 0.02128 | 30.65 | 5194 | 2.7 | 0.56 | 0.16 | 230.39 | 32335 | -22660 |
| 12/30/20 11:16 | 0.30 | 20.30 | 144.50 | 272.29 | 0.76 | 206.28 | 29807.73 | 0.00655 | 9.43 | 6318 | 2.2 | 0.35 | 0.10 | 141.73 | 42770 | -28970 |
| 1/5/21 9:00 | 1.30 | 19.60 | 373.00 | 225.00 | 0.97 | 218.25 | 81407.25 | 0.01789 | 25.76 | 6422 | 2.9 | 0.48 | 0.14 | 197.67 | 43773 | -29836 |
| 2/23/21 10:00 | 1.00 | 20.90 | 106.00 | 229.33 | 0.97 | 222.45 | 23579.71 | 0.00518 | 7.46 | 7236 | 1.6 | 0.27 | 0.08 | 111.16 | 51345 | -32234 |
| 5/5/21 8:30 | 0.00 | 18.00 | 380.00 | 205.00 | 0.97 | 198.24 | 75329.30 | 0.01655 | 23.84 | 8346 | 4.5 | 0.68 | 0.19 | 278.60 | 65169 | -40190 |
| 5/27/21 8:55 | 1.40 | 19.43 | 255.06 | 257.40 | 0.98 | 250.97 | 64011.04 | 0.01407 | 20.26 | 8832 | 3.1 | 0.59 | 0.17 | 241.00 | 70889 | -45910 |
| 6/22/21 8:10 | 0.90 | 19.60 | 219.50 | 220.00 | 1.00 | 219.34 | 48145.13 | 0.01058 | 15.23 | 9292 | 2.9 | 0.49 | 0.14 | 198.66 | 76598 | -48231 |
| 7/9/21 9:08 | 0.90 | 18.70 | 336.00 | 140.00 | 0.99 | 138.60 | 46569.60 | 0.01023 | 14.74 | 9548 | 3.8 | 0.40 | 0.11 | 164.49 | 79692 | -50074 |
| 8/4/21 12:05 | -- | -- | 220.00 | 130.00 | 1.00 | 130.00 | 28600.00 | 0.00396 | 5.70 | 9815 | -- | -- | -- | -- | 81840 | -- |
| 9/24/21 14:30 | 0.30 | 22.50 | 190.20 | 129.00 | 1.00 | 129.00 | 24535.80 | 0.00539 | 7.76 | 10159 | 0 | 0.00 | 0.00 | 0.00 | 86043 | -54055 |
| 10/7/21 11:25 | 0.60 | 20.80 | 415.00 | 180.00 | 0.99 | 178.20 | 73953.00 | 0.01625 | 23.40 | 10359 | 1.7 | 0.23 | 0.07 | 94.61 | 86652 | -54463 |
| 10/14/21 8:05 | 0.30 | 19.10 | 230.00 | 202.00 | 0.99 | 199.98 | 45995.40 | 0.01011 | 14.55 | 10490 | 3.4 | 0.52 | 0.15 | 212.35 | 87705 | -55220 |
| 12/9/21 11:59 | 0.30 | 19.80 | 38.00 | 280.00 | 0.71 | 198.80 | 7554.40 | 0.00166 | 2.39 | 10965 | 2.7 | 0.41 | 0.12 | 167.63 | 98376 | -64530 |
| 12/15/21 13:35 | 0.60 | 20.20 | 20.10 | 320.00 | 0.98 | 313.60 | 6303.36 | 0.00139 | 1.99 | 10979 | 2.3 | 0.55 | 0.16 | 225.26 | 99567 | -65576 |
| 12/23/21 7:45 | 0.80 | 20.20 | 16.50 | 225.00 | 0.98 | 220.50 | 3638.25 | 0.00080 | 1.15 | 10991 | 2.3 | 0.39 | 0.11 | 158.39 | 101055 | -66475 |
| 12/30/21 8:00 | 0.90 | 20.30 | 22.00 | 233.00 | 0.98 | 228.34 | 5023.48 | 0.00110 | 1.59 | 11001 | 2.2 | 0.38 | 0.11 | 156.89 | 102160 | -67081 |
| 1/6/22 0:00 | 0.00 | 20.9 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00000 | 0.00 | 11006 | 1.6 | 0.00 | 0.0 | 0.00 | 102683 | -67051 |
| 1/13/22 0:00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00000 | 0.00 | 11006 | 22.5 | 0.00 | 0.0 | 0.00 | 102683 | -67051 |
| 1/26/22 0:00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00000 | 0.00 | 11006 | 22.5 | 0.00 | 0.0 | 0.00 | 102683 | -67051 |
| 3/3/22 0:00 | 0.00 | 16.80 | 6.50 | 457.00 | 0.00 | 0.00 | 0.00 | 0.00000 | 0.00 | 11006 | 5.7 | 0.00 | 0.0 | 0.00 | 102683 | -67051 |
| 3/8/22 0:00 | 0.00 | 19.50 | 29.00 | 361.00 | 1.00 | 361.00 | 10469.00 | 0.00230 | 3.31 | 11014 | 3 | 0.83 | 0.2 | 338.23 | 103529 | -67897 |
| 3/10/22 0:00 | 0.80 | 20.90 | 6.00 | 86.90 | 1.00 | 86.90 | 521.40 | 0.00011 | 0.16 | 11018 | 1.6 | 0.11 | 0.0 | 43.42 | 103911 | -68279 |
| 3/24/22 0:00 | 0.2 | 19.4 | 48 | 215 | 1 | 215 | 10320.00 | 0.00227 | 3.27 | 11042 | 3.1 | 0.51 | 0.1 | 208.15 | 105672 | -69647 |

Appendix C. BS-02 Narrative and Operations Data
 SFPP Norwalk Pump Station, Norwalk, California

| Date | Biodegradation | | | | | | | Cumulative Mass Removed Overall Mass Removal (lbs) | Flow BS-02 Flow (scfm) |
|------------------|-----------------------------|-----------------------------|--------------------------------------|---|--|--|--|--|------------------------|
| | CO2 | | | C14 Correction Applied | | | | | |
| | CO2 Production (scf/minute) | CO2 Production (lbs/minute) | C14 Correction Factor Based on BaCO3 | Equivalent Mass Biodegraded by CO2 (lbs/minute) C14 Corrected | Equivalent Mass Biodegraded by CO2 (lbs/day) C14 Corrected | Cumulative Equivalent Mass Consumed by CO2 (lbs) | Total Biodegraded Mass (lbs) C14 Corrected | | |
| 5/15/20 11:30 | 0.01 | 0.00 | 0.57 | 0.00 | 0.24 | 0 | 0 | 0 | 0 |
| 5/15/20 12:46 | 0.01 | 0.00 | 0.57 | 0.00 | 0.26 | 0 | 0 | 0 | 26 |
| 5/18/20 8:20 | 0.01 | 0.00 | 0.57 | 0.00 | 0.19 | 1 | 1 | 1 | 23 |
| 5/18/20 8:20 | 0.01 | 0.00 | 0.57 | 0.00 | 0.19 | 1 | 1 | 1 | 30 |
| 5/18/20 11:58 | 0.00 | 0.00 | 0.57 | 0.00 | 0.13 | 1 | 1 | 1 | 70 |
| 5/20/20 8:25 | 2.86 | 0.35 | 0.57 | 0.07 | 94.10 | 1 | 175 | 195 | 70 |
| 5/20/20 8:25 | 2.86 | 0.35 | 0.57 | 0.07 | 94.10 | 1 | 175 | 195 | 100 |
| 5/20/20 11:18 | 2.52 | 0.31 | 0.57 | 0.06 | 83.03 | 12 | 185 | 206 | 100 |
| 5/22/20 14:15 | 2.33 | 0.29 | 0.57 | 0.05 | 76.67 | 189 | 348 | 415 | 100 |
| 5/22/20 14:15 | 2.33 | 0.29 | 0.57 | 0.05 | 76.67 | 189 | 348 | 415 | 135 |
| 5/26/20 8:46 | 1.85 | 0.23 | 0.57 | 0.04 | 60.89 | 478 | 577 | 697 | 135 |
| 5/26/20 14:18 | 1.77 | 0.22 | 0.57 | 0.04 | 58.32 | 492 | 591 | 716 | 135 |
| 5/27/20 8:10 | 2.02 | 0.25 | 0.57 | 0.05 | 66.42 | 535 | 640 | 782 | 135 |
| 5/29/20 9:13 | 2.01 | 0.25 | 0.57 | 0.05 | 66.11 | 671 | 775 | 957 | 135 |
| 6/3/20 14:48 | 9.29 | 1.14 | 0.57 | 0.21 | 306.01 | 1017 | 2376 | 2770 | 135 |
| 6/4/20 10:08 | 1.44 | 0.18 | 0.57 | 0.03 | 47.44 | 1263 | 2415 | 2849 | 135 |
| 6/5/20 13:00 | 1.98 | 0.24 | 0.57 | 0.05 | 65.23 | 1317 | 2488 | 2985 | 135 |
| 6/5/20 13:00 | 1.98 | 0.24 | 0.57 | 0.05 | 65.23 | 1317 | 2488 | 2985 | 100 |
| 6/10/20 10:45 | 2.46 | 0.30 | 0.57 | 0.06 | 81.18 | 1637 | 2886 | 3566 | 100 |
| 6/23/20 10:30 | 3.69 | 0.45 | 0.57 | 0.08 | 121.68 | 2691 | 4467 | 5766 | 3 |
| 6/24/20 11:20 | 2.04 | 0.25 | 0.57 | 0.05 | 67.14 | 2817 | 4536 | 5868 | 70 |
| 6/26/20 7:45 | 2.74 | 0.34 | 0.57 | 0.06 | 90.26 | 2941 | 4703 | 6118 | 100 |
| 6/30/20 12:49 | 3.04 | 0.37 | 0.57 | 0.07 | 100.28 | 3321 | 5125 | 6715 | 100 |
| 7/6/20 11:34 | 2.30 | 0.28 | 0.57 | 0.05 | 75.75 | 3918 | 5576 | 7386 | 100 |
| 7/8/20 13:02 | 2.37 | 0.29 | 0.57 | 0.05 | 77.96 | 4074 | 5737 | 7592 | 105 |
| 7/10/20 14:30 | 1.79 | 0.22 | 0.57 | 0.04 | 58.94 | 4235 | 5858 | 7761 | 129 |
| 7/14/20 10:30 | 1.36 | 0.17 | 0.57 | 0.03 | 44.97 | 4533 | 6031 | 8031 | 160 |
| 7/17/20 8:13 | 1.36 | 0.17 | 0.57 | 0.03 | 44.97 | 4632 | 6161 | 8345 | 185 |
| 7/24/20 13:30 | 1.64 | 0.20 | 0.57 | 0.04 | 53.91 | 4956 | 6550 | 9047 | 180 |
| 8/4/20 13:35 | 2.17 | 0.27 | 0.57 | 0.05 | 71.34 | 5550 | 7335 | 10130 | 162 |
| 8/21/2020 15:25 | 1.20 | 0.15 | 0.57 | 0.03 | 39.42 | 6768 | 8008 | 11030 | 170 |
| 9/17/2020 8:10 | 1.53 | 0.19 | 0.57 | 0.04 | 50.54 | 7820 | 9358 | 12853 | 180 |
| 9/29/2020 13:30 | 0.66 | 0.08 | 0.55 | 0.01 | 21.08 | 8438 | 9615 | 13259 | 180 |
| 10/15/2020 10:30 | 1.09 | 0.13 | 0.58 | 0.03 | 36.52 | 8773 | 10195 | 14190 | 174 |
| 10/30/2020 12:20 | 2.15 | 0.26 | 0.58 | 0.05 | 72.19 | 9323 | 11284 | 16200 | 83 |
| 11/4/2020 9:12 | 2.19 | 0.27 | 0.58 | 0.05 | 73.56 | 9675 | 11642 | 16835 | 188 |
| 12/30/20 11:16 | 0.62 | 0.08 | 0.65 | 0.02 | 23.01 | 13801 | 12933 | 19250 | 170 |
| 1/5/21 9:00 | 2.84 | 0.35 | 0.65 | 0.07 | 105.52 | 13936 | 13556 | 19977 | 170 |
| 2/23/21 10:00 | 2.22 | 0.27 | 0.65 | 0.06 | 82.73 | 19111 | 17613 | 24849 | 170 |
| 5/5/21 8:30 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 24980 | 17613 | 25959 | 170 |
| 5/27/21 8:55 | 3.51 | 0.43 | 0.65 | 0.09 | 130.44 | 24980 | 20485 | 29316 | 170 |
| 6/22/21 8:10 | 1.97 | 0.24 | 0.65 | 0.05 | 73.41 | 28367 | 22391 | 31684 | 180 |
| 7/9/21 9:08 | 1.25 | 0.15 | 0.65 | 0.03 | 46.39 | 29618 | 23182 | 32730 | 160 |
| 8/4/21 12:05 | -- | -- | 0.65 | -- | -- | -- | -- | -- | 170 |
| 9/24/21 14:30 | 0.39 | 0.05 | 0.70 | 0.01 | 15.62 | 31988 | 23980 | 34139 | 185 |
| 10/7/21 11:25 | 1.07 | 0.13 | 0.70 | 0.03 | 43.15 | 32189 | 24535 | 34895 | 180 |
| 10/14/21 8:05 | 0.60 | 0.07 | 0.70 | 0.02 | 24.21 | 32485 | 24701 | 35191 | 180 |
| 12/9/21 11:59 | 0.60 | 0.07 | 0.70 | 0.02 | 24.07 | 33845 | 26053 | 37018 | 160 |
| 12/15/21 13:35 | 1.88 | 0.23 | 0.70 | 0.05 | 75.93 | 33991 | 26513 | 37492 | 170 |
| 12/23/21 7:45 | 1.76 | 0.22 | 0.70 | 0.05 | 71.18 | 34580 | 27066 | 38057 | 165 |
| 12/30/21 8:00 | 2.06 | 0.25 | 0.70 | 0.06 | 82.93 | 35079 | 27647 | 38648 | 168 |
| 1/6/22 0:00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 35632 | 27647 | 38653 | 0 |
| 1/13/22 0:00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 35632 | 27647 | 38653 | 0 |
| 1/26/22 0:00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 35632 | 27647 | 38653 | 0 |
| 3/3/22 0:00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 35632 | 27647 | 38653 | 150 |
| 3/8/22 0:00 | 0.00 | 0.00 | 0.70 | 0.00 | 0.00 | 35632 | 27647 | 38661 | 70 |
| 3/10/22 0:00 | 0.70 | 0.09 | 0.70 | 0.02 | 28.05 | 35632 | 27703 | 38721 | 155 |
| 3/11/22 0:00 | 0.43 | 0.05 | 0.70 | 0.01 | 17.35 | 36025 | 27946 | 38988 | 128 |

Appendix D
HSVE-01 and BS-03 Narrative and Operations Data

Appendix D.1. HSVE-01 Narrative and Operations Data
SFPP Norwalk Pump Station, Norwalk, California

| Location | Date | Time | Biosparge Flow (scfm) | SVE VOC (ppmv) | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | SVE Flow (scfm) | SVE Vacuum (in H2O) | Comment |
|----------|-----------|-------|-----------------------|----------------|------------|--------------------|-------------|-----------------|---------------------|------------------|
| HSVE-1 | 4/6/2021 | 12:25 | 0 | 381 | 13.4 | 6 | 1 | 323 | 28.3 | Step 1 |
| HSVE-1 | 4/6/2021 | 16:00 | 0 | 405 | 13.4 | 6.2 | 1.1 | 323 | 29.0 | Step 1 |
| HSVE-1 | 4/7/2021 | 7:35 | 0 | 406.6 | 15.5 | 5.6 | 0.8 | 323 | 24.3 | Step 1 |
| HSVE-1 | 4/7/2021 | 12:45 | 0 | 421.5 | 15.6 | 4.7 | 0.8 | 512 | 47.1 | Step 2 |
| HSVE-1 | 4/7/2021 | 15:25 | 0 | 418 | 16.2 | 4.4 | 0.8 | 512 | 48.1 | Step 2 |
| HSVE-1 | 4/8/2021 | 7:35 | 0 | 425 | 17.1 | 4 | 0.6 | 512 | 48.2 | Step 2 |
| HSVE-1 | 4/8/2021 | 11:00 | 0 | 401.1 | 17.5 | 3.4 | 0.6 | 512 | 48.2 | Step 2 |
| HSVE-1 | 4/8/2021 | 12:00 | 0 | 398.1 | 17 | 3.4 | 0.6 | 560 | 55.0 | Step 3 |
| HSVE-1 | 4/8/2021 | 15:00 | 0 | 414.2 | 17.9 | 3.3 | 0.6 | 560 | 55.0 | Step 3 |
| HSVE-1 | 4/15/2021 | 9:00 | 0 | 421 | 17.7 | 3.5 | 0.6 | 560 | 55.0 | |
| HSVE-1 | 4/21/2021 | 13:00 | 0 | 408 | 17.5 | 3.4 | 0.5 | 560 | 55.0 | |
| HSVE-1 | 4/28/2021 | 11:00 | 0 | 340 | 19.9 | 1.4 | 0.5 | 550 | 55.0 | Step 3 continued |
| HSVE-1 | 5/5/2021 | 9:00 | 0 | 390 | 18.9 | 1.3 | 0.5 | 550 | 55.0 | |
| HSVE-1 | 5/5/2021 | 15:45 | 0 | 418 | 18.9 | 1.3 | 0.5 | 550 | 55.0 | |
| HSVE-1 | 5/11/2021 | 16:45 | 45 | 1200 | 20.1 | 0.8 | 0.5 | 560 | 56.0 | |
| HSVE-1 | 5/12/2021 | 8:15 | 45 | 422 | 19.9 | 1.3 | 0.1 | 500 | 56.0 | |
| HSVE-1 | 5/12/2021 | 15:00 | 100 | 2000 | 20.2 | 1 | 0.5 | 500 | 56.0 | |
| HSVE-1 | 5/13/2021 | 9:00 | 100 | 431.8 | 19.8 | 1.3 | 1.1 | 457 | 54.0 | |
| HSVE-1 | 5/13/2021 | 14:52 | 100 | 5000 | 19.8 | 1 | 1 | 457 | 55.0 | |
| HSVE-1 | 5/14/2021 | 8:30 | 50 | 5000 | 19.9 | 1.1 | 0.4 | 457 | 55.0 | |
| HSVE-1 | 5/14/2021 | 14:18 | 50 | 4852 | 19.8 | 0.2 | 0.8 | 457 | 55.0 | |
| HSVE-1 | 5/18/2021 | 9:00 | 50 | 1410 | 17.4 | 1.9 | 1 | 500 | 55.0 | |
| HSVE-1 | 5/18/2021 | 12:52 | 50 | 1900 | 18.7 | 1.2 | 0.5 | 500 | 55.0 | |
| HSVE-1 | 5/18/2021 | 15:30 | 50 | 2650 | 19.5 | 1.2 | 0.5 | 500 | 55.0 | |
| HSVE-1 | 5/19/2021 | 9:30 | 50 | 440 | 19.7 | 1.2 | 1.1 | 457 | 49.0 | |
| HSVE-1 | 5/19/2021 | 13:10 | 100 | 4830 | 20 | 0.9 | 0.6 | 470 | 49.0 | |
| HSVE-1 | 5/19/2021 | 16:15 | 100 | 390 | 19.9 | 0.8 | 0.6 | 485 | 49.0 | |
| HSVE-1 | 5/20/2021 | 9:30 | 100 | 455 | 19.6 | 1.4 | 1.2 | 500 | 56.0 | |
| HSVE-1 | 5/20/2021 | 11:49 | 100 | 475 | 19.5 | 0.9 | 0.8 | 500 | 56.0 | |
| HSVE-1 | 5/26/2021 | 11:02 | 100 | 415 | 19.3 | 1.2 | 1.1 | 460 | 54.0 | |
| HSVE-1 | 5/26/2021 | 12:15 | 150 | 395 | 18.9 | 1.1 | 1.2 | 460 | 54.0 | |
| HSVE-1 | 5/26/2021 | 14:01 | 150 | 418 | 19.4 | 0.9 | 0.9 | 530 | 54.0 | |
| HSVE-1 | 5/27/2021 | 7:48 | 150 | 374.2 | 19.5 | 1.2 | 1.3 | 600 | 56.0 | |
| HSVE-1 | 5/27/2021 | 11:20 | 200 | 379.1 | 19.2 | 1 | 1 | 600 | 54.5 | |
| HSVE-1 | 5/28/2021 | 10:15 | 100 | 335 | 18.5 | 1.3 | 1.1 | 510 | 53.5 | |
| HSVE-1 | 5/28/2021 | 11:30 | 100 | 421 | 18.7 | 1 | 1.2 | 510 | 55.6 | |

Appendix D.1. HSVE-01 Narrative and Operations Data

SFPP Norwalk Pump Station, Norwalk, California

| Location | Date | Time | Biosparge Flow (scfm) | SVE VOC (ppmv) | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | SVE Flow (scfm) | SVE Vacuum (in H2O) | Comment |
|----------|------------|-------|-----------------------|----------------|------------|--------------------|-------------|-----------------|---------------------|--|
| HSVE-1 | 6/1/2021 | 12:40 | 100 | 386.2 | 18.5 | 1.2 | 1 | 600 | 56.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/1/2021 | 14:45 | 100 | 360.1 | 18.8 | 1 | 0.5 | 600 | 56.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/10/2021 | 10:35 | 200 | 468.3 | 18 | 1.3 | 0.8 | 600 | 56.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/10/2021 | 12:58 | 200 | 472.5 | 18.1 | 1.4 | 0.8 | 600 | 55.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/10/2021 | 15:09 | 200 | 442.5 | 18.5 | 1 | 0.6 | 600 | 55.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/11/2021 | 7:55 | 300 | 441 | 19.4 | 1.4 | 1 | 600 | 56.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/11/2021 | 10:28 | 300 | 468 | 19.1 | 0.9 | 0.6 | 600 | 56.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/22/2021 | 7:55 | 200 | 344.9 | 18.8 | 1.3 | 0.4 | 600 | 56.0 | SVE flow was between 500-600. |
| HSVE-1 | 6/25/2021 | 8:45 | 250 | 354 | 16.6 | 1.6 | 0.6 | 510 | 54.5 | SVE flow was between 460-510. |
| HSVE-1 | 6/25/2021 | 11:02 | 250 | 405 | 19.2 | 1 | 0.5 | 550 | 55.1 | SVE flow was between 450-550. |
| HSVE-1 | 6/28/2021 | 11:00 | 250 | 422 | 18.4 | 1.1 | 0.5 | 600 | 56.0 | SVE flow was between 450-600. |
| HSVE-1 | 6/28/2021 | 11:10 | 250 | 424 | 18.3 | 1.1 | 0.5 | 600 | 56.0 | SVE flow was between 450-600. |
| HSVE-1 | 6/28/2021 | 13:50 | 250 | 415 | 18.4 | 1 | 0.6 | 600 | 56.0 | SVE flow was between 450-600. |
| HSVE-1 | 7/23/2021 | 8:00 | 130 | 421 | 19.7 | 1.3 | 0.3 | 600 | 56 | SVE flow was between 500-600. |
| HSVE-1 | 7/23/2021 | 9:00 | 130 | 408 | 19.8 | 1.3 | 0.2 | 600 | 56 | SVE flow was between 500-600. |
| HSVE-1 | 8/6/2021 | 9:25 | 275 | 365 | 19.1 | -- | -- | 555 | 56.45 | SVE flow was between 470 and 555. |
| HSVE-1 | 8/31/2021 | 7:45 | 200 | 52.1 | 19.6 | 0.9 | 0.2 | 450 | 51.5 | Check Drip Legs. Low VOCs. |
| HSVE-1 | 8/31/2021 | 10:45 | 250 | 408 | 18.4 | 1.1 | 0.4 | 500 | 51.5 | Jame Dye Drained DLs for HSVE-1. BS-03 up to 250 scfm @ 8:30 |
| HSVE-1 | 9/1/2021 | 7:45 | 250 | 195 | 19.5 | 1 | 0.2 | 450 | 51.4 | DL could be full again, to be cleared Thursday (9/2) |
| HSVE-1 | 9/1/2021 | 8:00 | 250 | 202 | 19.5 | 1.1 | 0.1 | 450 | 51.5 | |
| HSVE-1 | 9/9/2021 | 9:05 | 150 | 208 | 19.5 | 1.1 | 0.1 | 500 | 51.3 | |
| HSVE-1 | 9/9/2021 | 12:45 | 150 | 215 | 19.4 | 1.1 | 0.1 | 500 | 51.5 | |
| HSVE-1 | 9/16/2021 | 11:00 | 275 | 238.9 | 19.3 | 1.6 | 0.2 | 550 | 53.5 | BS-03 Flow recovering from 250-300 scfm. Avg. 225 scfm |
| HSVE-1 | 9/21/2021 | 13:45 | 200 | 72.4 | 21 | 0.8 | 0 | 200 | 54.5 | Variable flow (100-200;450-500). James Dye removed 12 gal (total) in 2 rounds of DL clearing. 6 gal total from DL #1 |
| HSVE-1 | 9/21/2021 | 14:45 | 200 | 1100 | 19.4 | 0.8 | 0.1 | 500 | 54 | Water in tedlar & sample line |
| HSVE-1 | 9/21/2021 | 14:55 | 200 | 1090 | 19.6 | 1.2 | 0.3 | 500 | 54.5 | Water in tedlar & sample line |
| HSVE-1 | 9/30/2021 | 16:30 | 250 | 1312 | 20.1 | 0.6 | 0.05 | 400 | 52 | 400 scfm average flow (varied from 160-530 scfm) |
| HSVE-1 | 10/1/2021 | 8:55 | 250 | 1260 | 19.6 | 0.6 | 0.08 | 400 | 52.5 | 400 scfm average flow (varied from 0-510 scfm) |
| HSVE-1 | 10/7/2021 | 11:05 | 260 | 382 | 20.7 | 0.2 | 0 | 460 | 52.24 | 400 scfm average flow (varied from 0-510 scfm) |
| HSVE-1 | 10/14/2021 | 8:03 | 305 | 950 | 19.4 | NM | 0 | 328 | 50.5 | Driplegs cleared 10/5 & 10/7. Water in tedlar bag. Cleared out pilot tube. |
| HSVE-1 | 10/19/2021 | 14:25 | 200 | 326 | 19.7 | 0.9 | 0.1 | 427 | 50.53 | Methane LEL, Diff P = 0.5 in WC; water in sample line, and wate in DL 90 deg elbow |

Appendix D.1. HSVE-01 Narrative and Operations Data

SFPP Norwalk Pump Station, Norwalk, California

| Location | Date | Time | Biosparge Flow (scfm) | SVE VOC (ppmv) | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | SVE Flow (scfm) | SVE Vacuum (in H2O) | Comment |
|----------|------------|-------|-----------------------|----------------|------------|--------------------|-------------|-----------------|---------------------|---|
| HSVE-1 | 11/10/2021 | 12:05 | 195 | 185 | 19.9 | NM | NM | 430 | 52.4 | Drained drip lgs and restarted |
| HSVE-1 | 11/15/2021 | 14:07 | 192 | 337 | 19.5 | 0.9 | 0.1 | 400 | 53.32 | BS-02 off |
| HSVE-1 | 12/2/2021 | 14:01 | 200 | 250 | 19.6 | NM | NM | 450 | 53.3 | |
| HSVE-1 | 12/9/2021 | 12:52 | 280 | 153 | 19.2 | 0.6 | 0 | 395 | 51.6 | |
| HSVE-1 | 12/15/2021 | 13:30 | 320 | 421 | 19.4 | 0.9 | 0 | 400 | 53.1 | Flow measured at 9:00 was 395, 0.45 aprox 700 with velocicalc. High moisture |
| HSVE-1 | 12/17/2021 | 14:30 | 250 | 102 | 19.9 | 0.5 | 0 | 450 | 49.3 | |
| HSVE-1 | 12/23/2021 | 7:45 | 240 | 260 | 19.9 | 0.9 | 0 | 360 | 55 | Collin Previously Drained 25 gallons from drip legs Jacobs drained manifold 83 gallons (EQ tank at 1600 approx 200_ from 12/16) |
| HSVE-1 | 12/30/2021 | 7:55 | 245 | 272 | 19.8 | 0.8 | 0 | 400 | 56 | Drip legs + manifold had not been cleared @ time of monitoring |
| HSVE-1 | 1/6/2022 | 12:52 | 0 | 69.5 | 19.3 | NM | NM | 361 | 52 | Shutdown SVE & AS @ 1010 for the weekend because of high precip & no availability to vlear manifold + drip legs due to holiday. |
| HSVE-1 | 1/13/2022 | 9:45 | 0 | 221 | 19.3 | 0.8 | 0 | 625 | 55.4 | BS-02 and BS-03 systems off due to rain (approximately 5.7") |
| HSVE-1 | 1/20/2022 | 11:05 | 147 | 238 | 19.1 | NM | NM | 395 | 54.5 | BS-02 system will remain off, BS-03 restarted at 150 scfm at noon. |
| HSVE-1 | 1/26/2022 | 9:20 | 172 | 188 | 19.7 | 1.1 | 0.1 | 375 | 56 | |
| HSVE-1 | 2/8/2022 | 8:55 | 245 | 250 | 18.4 | 0 | 0 | 395 | 53.7 | 0.4-0.6" DP |
| HSVE-1 | 2/15/2022 | 11:15 | 313 | 320 | 19.2 | 1.3 | 0.1 | 395 | 51.9 | Condensate removal completed at 8AM, system off 7-8AM and 930 to 1030 for condensate and RO calibration. |
| HSVE-1 | 2/24/2022 | 9:20 | 250 | 202.3 | 19.2 | 1.1 | 0 | 450 | 56 | diff p range from 0.7 to 1.2 in WC |
| HSVE-1 | 2/24/2022 | 11:20 | 250 | 204.9 | 19.1 | 1 | 0 | 450 | 56 | |
| HSVE-1 | 3/1/2022 | 13:50 | 247 | 520 | 18.9 | 0.8 | 0 | 459 | 52.7 | SVE Flow range was 395-459 |
| HSVE-1 | 3/3/2022 | 10:30 | 215 | 226 | 19.8 | NM | NM | 457 | 54 | SE restarted at 10:22; 0.4"-0.8" |
| HSVE-1 | 3/8/2022 | 9:05 | 219 | 192 | 19.8 | NM | NM | 361 | 52.1 | 0.1-0.5" DP |
| HSVE-1 | 3/24/2022 | 8:55 | 189 | 198 | 19.8 | 0.3 | 0.1 | 610 | 56 | |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|------------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| SVM-06D | 180 | 12/2/2021 | 14:39 | 10.9 | NM | NM | 0.1 | 20.9 |
| SVM-06S | 180 | 12/2/2021 | 14:42 | 20.2 | NM | NM | 0 | 20.9 |
| SVM-07D | 80 | 12/2/2021 | 14:21 | 19 | NM | NM | 0 | 20.9 |
| SVM-07S | 80 | 12/2/2021 | 14:23 | 19.9 | NM | NM | 0 | 20.9 |
| SVM-10D | -20 | 12/2/2021 | 14:31 | 17.4 | NM | NM | 0 | 20.9 |
| SVM-15D | 250 | 12/2/2021 | 14:44 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-15M | 250 | 12/2/2021 | 14:46 | 18.4 | NM | NM | 0 | 20.9 |
| SVM-15S | 250 | 12/2/2021 | 14:48 | 18.9 | NM | NM | 0 | 20.9 |
| GMW-O-11 | 200 | 12/2/2021 | 14:36 | 20.9 | NM | NM | 0 | 20.9 |
| GMW-O-12 | 25 | 12/2/2021 | 14:27 | 20.9 | NM | NM | 0 | 20.9 |
| GMW-O-20 | 120 | 12/2/2021 | 14:34 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-05S | 130 | 12/9/2021 | 10:52 | 20.9 | 0 | 0 | 0.4 | 20.9 |
| SVM-16D | -20 | 12/9/2021 | 10:42 | 20.9 | 0 | 0 | 0.1 | 20.9 |
| SVM-03D | 10 | 12/9/2021 | 11:10 | 20.7 | 0 | 0 | 0 | 20.9 |
| SVM-03S | 10 | 12/9/2021 | 11:12 | 20.7 | 0 | 0 | 0 | 20.9 |
| SVM-05D | 130 | 12/9/2021 | 10:54 | 20.7 | 0 | 0 | 0 | 20.9 |
| SVM-06D | 180 | 12/9/2021 | 10:29 | 17.1 | 0.1 | 0 | 0 | 20.9 |
| SVM-06S | 180 | 12/9/2021 | 10:31 | 19 | 0.1 | 0 | 0 | 20.9 |
| SVM-07D | 80 | 12/9/2021 | 10:19 | 16.9 | 1.7 | 0 | 0 | 20.9 |
| SVM-07S | 80 | 12/9/2021 | 10:21 | 19.3 | 0.4 | 0 | 0 | 20.9 |
| SVM-08D | 40 | 12/9/2021 | 10:58 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-08S | 40 | 12/9/2021 | 11:00 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-10D | -20 | 12/9/2021 | 10:10 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-15D | 250 | 12/9/2021 | 10:33 | 18.3 | 0.8 | 0 | 0 | 20.9 |
| SVM-15M | 250 | 12/9/2021 | 10:35 | 19 | 0.8 | 0 | 0 | 20.9 |
| SVM-15S | 250 | 12/9/2021 | 10:36 | 19.1 | 0.7 | 0 | 0 | 20.9 |
| SVM-16M | -20 | 12/9/2021 | 10:44 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-16S | -20 | 12/9/2021 | 10:46 | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-11 | 200 | 12/9/2021 | 10:33 | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-12 | 25 | 12/9/2021 | 10:17 | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-14 | 10 | 12/9/2021 | 11:03 | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-20 | 120 | 12/9/2021 | 10:27 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-06D | 180 | 12/15/2021 | 14:34 | 1 | 2 | 7 | 5000 | 20.9 |
| SVM-07D | 80 | 12/15/2021 | 14:05 | 17.2 | 1 | 0 | 17.8 | 20.9 |
| SVM-06S | 180 | 12/15/2021 | 14:32 | 18.3 | 0 | 0 | 7.9 | 20.9 |
| GMW-O-20 | 120 | 12/15/2021 | -- | 20.9 | 0 | 0 | 0.8 | 20.9 |
| SVM-07S | 80 | 12/15/2021 | 14:08 | 18 | 2 | 0 | 0.3 | 20.9 |
| SVM-10D | -20 | 12/15/2021 | 14:13 | 20.9 | 0 | 0 | 0 | 20.9 |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|------------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| SVM-15D | 250 | 12/15/2021 | 14:23 | 14.3 | 1.3 | 0 | 0 | 20.9 |
| SVM-15M | 250 | 12/15/2021 | 14:24 | 18.3 | 2 | 0 | 0 | 20.9 |
| SVM-15S | 250 | 12/15/2021 | 14:26 | 19 | 0.7 | 0 | 0 | 20.9 |
| GMW-O-11 | 200 | 12/15/2021 | -- | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-12 | 25 | 12/15/2021 | -- | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-06D | 180 | 12/17/2021 | 15:03 | 0.6 | 1.7 | 7 | 5000 | 20.9 |
| SVM-06S | 180 | 12/17/2021 | 15:05 | 13.7 | 0.3 | 1 | 24.4 | 20.9 |
| SVM-07D | 80 | 12/17/2021 | 14:55 | 18.2 | 1.2 | 0 | 1.7 | 20.9 |
| SVM-15D | 250 | 12/17/2021 | 15:15 | 15.1 | 1.1 | 0 | 0.5 | 20.9 |
| SVM-03D | 10 | 12/17/2021 | 15:51 | 20.9 | 0.1 | 0 | 0.2 | 20.9 |
| SVM-08S | 40 | 12/17/2021 | 15:42 | 20.9 | 0 | 0 | 0.2 | 20.9 |
| SVM-15M | 250 | 12/17/2021 | 15:17 | 18.7 | 0.8 | 0 | 0.1 | 20.9 |
| SVM-15S | 250 | 12/17/2021 | 15:19 | 18.8 | 0.7 | 0 | 0.1 | 20.9 |
| SVM-03S | 10 | 12/17/2021 | 15:48 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-07S | 80 | 12/17/2021 | 14:58 | 20.9 | 0.3 | 0 | 0 | 20.9 |
| SVM-08D | 40 | 12/17/2021 | 15:39 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-10D | -20 | 12/17/2021 | 15:28 | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-11 | 200 | 12/17/2021 | 15:22 | 20.9 | -- | -- | 0 | 20.9 |
| GMW-O-12 | 25 | 12/17/2021 | 15:24 | 20.9 | -- | -- | 0 | 20.9 |
| GMW-O-20 | 120 | 12/17/2021 | 15:23 | 20.9 | -- | -- | 0 | 20.9 |
| SVM-06D | 180 | 12/23/2021 | 8:25 | 16.4 | 0.9 | 0.6 | 5000 | 20.9 |
| SVM-06S | 180 | 12/23/2021 | 8:27 | 18.1 | 0.2 | 0 | 112 | 20.9 |
| SVM-15S | 250 | 12/23/2021 | 8:45 | 19.6 | 1 | 0 | 3.7 | 20.9 |
| SVM-05S | 130 | 12/23/2021 | 8:57 | 20.9 | 0 | 0 | 0.1 | 20.9 |
| SVM-08D | 40 | 12/23/2021 | 9:01 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-08S | 40 | 12/23/2021 | 9:04 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-05D | 130 | 12/23/2021 | 8:55 | 20.8 | 0.1 | 0 | 0 | 20.9 |
| SVM-07D | 80 | 12/23/2021 | 8:10 | 16.1 | 3.3 | 0 | 0 | 20.9 |
| SVM-07S | 80 | 12/23/2021 | 8:08 | 18.8 | 1 | 0 | 0 | 20.9 |
| SVM-03D | 10 | 12/23/2021 | 9:32 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-03S | 10 | 12/23/2021 | 9:34 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-10D | -20 | 12/23/2021 | 8:12 | 21.1 | 0.3 | 0 | 0 | 20.9 |
| SVM-15D | 250 | 12/23/2021 | 8:40 | 18.1 | 1.4 | 0 | 0 | 20.9 |
| SVM-15M | 250 | 12/23/2021 | 8:42 | 19.5 | 0.9 | 0 | 0 | 20.9 |
| SVM-16M | -20 | 12/23/2021 | 9:12 | 20.8 | 0.1 | 0 | 0 | 20.9 |
| SVM-16S | -20 | 12/23/2021 | 9:14 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-16D | -20 | 12/23/2021 | 9:10 | -- | -- | -- | -- | 20.9 |
| SVM-03D | 10 | 12/30/2021 | 9:33 | 21 | 0 | 0 | 0 | 21 |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|------------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| SVM-03S | 10 | 12/30/2021 | 9:36 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-05D | 130 | 12/30/2021 | 9:22 | 21 | 0.1 | 0 | 0 | 21 |
| SVM-05S | 130 | 12/30/2021 | 9:24 | 21 | 0.1 | 0 | 0 | 21 |
| SVM-06D | 180 | 12/30/2021 | 8:30 | 17.1 | 0.8 | 0.4 | 4210 | 21 |
| SVM-06S | 180 | 12/30/2021 | 8:33 | 18.3 | 0.1 | 0 | 98 | 21 |
| SVM-07D | 80 | 12/30/2021 | 8:39 | 16.5 | 3.1 | 0 | 0 | 21 |
| SVM-07S | 80 | 12/30/2021 | 8:43 | 19.1 | 1 | 0 | 0 | 21 |
| SVM-08D | 40 | 12/30/2021 | 9:15 | 21 | 0 | 0 | 0 | 21 |
| SVM-08S | 40 | 12/30/2021 | 9:18 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-10D | -20 | 12/30/2021 | 8:15 | 21 | 0.2 | 0 | 0 | 21 |
| SVM-15D | 250 | 12/30/2021 | 8:52 | 18.3 | 1.6 | 0 | 0 | 21 |
| SVM-15M | 250 | 12/30/2021 | 8:54 | 19.7 | 1 | 0 | 0 | 21 |
| SVM-15S | 250 | 12/30/2021 | 8:56 | 19.7 | 1 | 0 | 2.9 | 21 |
| SVM-16D | -20 | 12/30/2021 | 9:05 | 20.9 | 0.1 | 0 | 0.1 | 21 |
| SVM-16M | -20 | 12/30/2021 | 9:08 | 21 | 0.1 | 0 | 0.1 | 21 |
| SVM-16S | -20 | 12/30/2021 | 9:10 | 21 | 0 | 0 | 0 | 21 |
| SVM-06D | 180 | 1/6/2022 | 12:05 | 6.7 | NM | NM | 3340 | 20.9 |
| SVM-06S | 180 | 1/6/2022 | 12:07 | 12.3 | NM | NM | 1305 | 20.9 |
| SVM-07D | 80 | 1/6/2022 | 11:45 | 15.2 | NM | NM | 0 | 20.9 |
| SVM-07S | 80 | 1/6/2022 | 11:48 | 16.1 | NM | NM | 0 | 20.9 |
| SVM-15D | 250 | 1/6/2022 | 11:52 | 14.6 | NM | NM | 0.1 | 20.9 |
| SVM-15M | 250 | 1/6/2022 | 11:54 | 17.5 | NM | NM | 0.2 | 20.9 |
| SVM-15S | 250 | 1/6/2022 | 11:56 | 18.2 | NM | NM | 0 | 20.9 |
| SVM-03D | 10 | 1/13/2022 | 11:30 | 21 | 0.1 | 0 | 0 | 21 |
| SVM-03S | 10 | 1/13/2022 | 11:35 | 21 | 0 | 0 | 0 | 21 |
| SVM-05D | 130 | 1/13/2022 | 11:00 | 20.8 | 0.1 | 0 | 0 | 21 |
| SVM-05S | 130 | 1/13/2022 | 11:03 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-06D | 180 | 1/13/2022 | 10:43 | 10.6 | 2.3 | 0 | 379.8 | 21 |
| SVM-06S | 180 | 1/13/2022 | 10:45 | 16.8 | 0.3 | 0 | 118.7 | 21 |
| SVM-07D | 80 | 1/13/2022 | 10:50 | 20.1 | 0.6 | 0 | 0 | 21 |
| SVM-07S | 80 | 1/13/2022 | 10:52 | 20.1 | 0.5 | 0 | 0 | 21 |
| SVM-08D | 40 | 1/13/2022 | 11:08 | 21.1 | 0 | 0 | 0 | 21 |
| SVM-08S | 40 | 1/13/2022 | 11:11 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-10D | -20 | 1/13/2022 | 10:55 | 21 | 0.1 | 0 | 0 | 21 |
| SVM-15D | 250 | 1/13/2022 | 10:30 | 19.7 | 0.5 | 0 | 0.1 | 21 |
| SVM-15M | 250 | 1/13/2022 | 10:33 | 19.9 | 0.4 | 0 | 0.1 | 21 |
| SVM-15S | 250 | 1/13/2022 | 10:36 | 20 | 0.3 | 0 | 0 | 21 |
| SVM-16D | -20 | 1/13/2022 | 11:16 | 20.8 | 0.1 | 0 | 0.4 | 21 |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|-----------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| SVM-16M | -20 | 1/13/2022 | 11:18 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-16S | -20 | 1/13/2022 | 11:20 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-03D | 10 | 1/20/2022 | 9:44 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-03S | 10 | 1/20/2022 | 9:46 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-05D | 130 | 1/20/2022 | 10:11 | 20.8 | NM | NM | 0 | 20.9 |
| SVM-05S | 130 | 1/20/2022 | 10:14 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-06D | 180 | 1/20/2022 | 10:44 | 9.4 | NM | NM | 8.6 | 20.9 |
| SVM-06S | 180 | 1/20/2022 | 10:46 | 16.8 | NM | NM | 44 | 20.9 |
| SVM-07D | 80 | 1/20/2022 | 10:32 | 19.7 | NM | NM | 0 | 20.9 |
| SVM-07S | 80 | 1/20/2022 | 10:34 | 20.2 | NM | NM | 0 | 20.9 |
| SVM-08D | 40 | 1/20/2022 | 10:19 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-08S | 40 | 1/20/2022 | 10:22 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-10D | -20 | 1/20/2022 | 10:28 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-15D | 250 | 1/20/2022 | 10:38 | 15.9 | NM | NM | 0 | 20.9 |
| SVM-15M | 250 | 1/20/2022 | 10:40 | 17.8 | NM | NM | 0 | 20.9 |
| SVM-15S | 250 | 1/20/2022 | 10:42 | 18.4 | NM | NM | 0 | 20.9 |
| SVM-16D | -20 | 1/20/2022 | 9:55 | 20.8 | NM | NM | 0 | 20.9 |
| SVM-16M | -20 | 1/20/2022 | 9:58 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-16S | -20 | 1/20/2022 | 10:01 | 20.9 | NM | NM | 0 | 20.9 |
| GMW-O-11 | 200 | 1/20/2022 | 10:36 | 20.9 | NM | NM | 0 | 20.9 |
| GMW-O-12 | 25 | 1/20/2022 | 10:30 | 20.9 | NM | NM | 0 | 20.9 |
| GMW-O-20 | 120 | 1/20/2022 | 10:50 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-05D | 130 | 1/26/2022 | 12:30 | 20.7 | 0.1 | 0 | 0 | 20.9 |
| SVM-05S | 130 | 1/26/2022 | 12:34 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-06D | 180 | 1/26/2022 | 12:00 | 12.7 | 2.3 | 0.1 | 23.2 | 20.9 |
| SVM-06S | 180 | 1/26/2022 | 12:05 | 16.8 | 0.3 | 0 | 15.4 | 20.9 |
| SVM-07D | 80 | 1/26/2022 | 11:50 | 19.6 | 0.1 | 0 | 0 | 20.9 |
| SVM-07S | 80 | 1/26/2022 | 11:52 | 20.1 | 0 | 0 | 0 | 20.9 |
| SVM-08D | 40 | 1/26/2022 | 12:24 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-08S | 40 | 1/26/2022 | 12:27 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-10D | -20 | 1/26/2022 | 11:54 | 20.9 | 0.1 | 0 | 0 | 20.9 |
| SVM-15D | 250 | 1/26/2022 | 12:07 | 16.7 | 0.1 | 0 | 0 | 20.9 |
| SVM-15M | 250 | 1/26/2022 | 12:08 | 18.1 | 0.1 | 0.1 | 0 | 20.9 |
| SVM-15S | 250 | 1/26/2022 | 12:09 | 18.6 | 0 | 0 | 0 | 20.9 |
| SVM-16D | -20 | 1/26/2022 | 12:16 | 20.9 | 0.1 | 0 | 0 | 20.9 |
| SVM-16M | -20 | 1/26/2022 | 12:18 | 21 | 0.1 | 0 | 0 | 20.9 |
| SVM-16S | -20 | 1/26/2022 | 12:26 | 20.9 | 0 | 0 | 0 | 20.9 |
| SVM-03D | 10 | 2/8/2022 | 9:18 | 20 | 0 | 0 | 0 | 20.9 |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|-----------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| SVM-03S | 10 | 2/8/2022 | 9:21 | 20.5 | 0 | 0 | 0 | 20.9 |
| SVM-05D | 130 | 2/8/2022 | 9:40 | 20.2 | 0 | 0 | 0 | 20.9 |
| SVM-05S | 130 | 2/8/2022 | 9:42 | 20.4 | 0 | 0 | 0 | 20.9 |
| SVM-06D | 180 | 2/8/2022 | 10:27 | 10 | 0 | 0 | 3.6 | 20.9 |
| SVM-06S | 180 | 2/8/2022 | 10:29 | 13.1 | 0 | 0 | 0.8 | 20.9 |
| SVM-07D | 80 | 2/8/2022 | 9:53 | 12.6 | 0 | 0 | 0.3 | 20.9 |
| SVM-07S | 80 | 2/8/2022 | 9:55 | 16.4 | 0 | 0 | 0 | 20.9 |
| SVM-08D | 40 | 2/8/2022 | 9:35 | 20.4 | 0 | 0 | 0 | 20.9 |
| SVM-08S | 40 | 2/8/2022 | 9:38 | 20.4 | 0 | 0 | 0 | 20.9 |
| SVM-10D | -20 | 2/8/2022 | 9:48 | 20.1 | 0 | 0 | 0 | 20.9 |
| SVM-15D | 250 | 2/8/2022 | 10:19 | 12.1 | 0 | 0 | 1.8 | 20.9 |
| SVM-15M | 250 | 2/8/2022 | 10:21 | 15.5 | 0 | 0 | 1.6 | 20.9 |
| SVM-15S | 250 | 2/8/2022 | 10:23 | 16.6 | 0 | 0 | 1.3 | 20.9 |
| SVM-16D | -20 | 2/8/2022 | 9:24 | 20.2 | 0 | 0 | 0.3 | 20.9 |
| SVM-16M | -20 | 2/8/2022 | 9:26 | 20.4 | 0 | 0 | 0.1 | 20.9 |
| SVM-16S | -20 | 2/8/2022 | 9:28 | 20.3 | 0 | 0 | 0 | 20.9 |
| GMW-O-11 | 200 | 2/8/2022 | 10:25 | 20.9 | 0 | 0 | 0 | 20.9 |
| GMW-O-12 | 25 | 2/8/2022 | 9:51 | 20.7 | 0 | 0 | 0.1 | 20.9 |
| GMW-O-20 | 120 | 2/8/2022 | 10:17 | 19.7 | 0 | 0 | 0 | 20.9 |
| SVM-03D | 10 | 2/15/2022 | 11:30 | 20.7 | 0 | 0 | 0 | 20.9 |
| SVM-03S | 10 | 2/15/2022 | 11:32 | 20.7 | 0 | 0 | 0 | 20.9 |
| SVM-05D | 130 | 2/15/2022 | 11:45 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-05S | 130 | 2/15/2022 | 11:47 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-06D | 180 | 2/15/2022 | 12:25 | 5.4 | 6 | 20.1 | 5000 | 20.9 |
| SVM-06S | 180 | 2/15/2022 | 12:27 | 15.3 | 0.1 | 0 | 10.1 | 20.9 |
| SVM-07D | 80 | 2/15/2022 | 12:17 | 16.6 | 3.5 | 0 | 0.1 | 20.9 |
| SVM-07S | 80 | 2/15/2022 | 12:20 | 17.8 | 1.5 | 0 | 0.1 | 20.9 |
| SVM-08D | 40 | 2/15/2022 | 11:51 | 20.8 | 0 | 0 | 0.1 | 20.9 |
| SVM-08S | 40 | 2/15/2022 | 11:53 | 20.8 | 0 | 0 | 0.1 | 20.9 |
| SVM-10D | -20 | 2/15/2022 | 12:11 | 20.6 | 0 | 0 | 0 | 20.9 |
| SVM-15D | 250 | 2/15/2022 | 12:35 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-15M | 250 | 2/15/2022 | 12:37 | 18.3 | 1 | 0 | 0 | 20.9 |
| SVM-15S | 250 | 2/15/2022 | 12:39 | 18.7 | 1.1 | 0 | 0 | 20.9 |
| SVM-16D | -20 | 2/15/2022 | 12:00 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-16M | -20 | 2/15/2022 | 12:02 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-16S | -20 | 2/15/2022 | 12:03 | 20.8 | 0 | 0 | 0 | 20.9 |
| GMW-O-11 | 200 | 2/15/2022 | 12:31 | 20.8 | 0 | 0 | 0 | 20.9 |
| GMW-O-12 | 25 | 2/15/2022 | 12:14 | 20.9 | 0 | 0 | 0.1 | 20.9 |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|-----------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| GMW-O-20 | 120 | 2/15/2022 | 12:22 | 20.8 | 0 | 0 | 0 | 20.9 |
| SVM-05D | 130 | 2/24/2022 | 11:05 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-05S | 130 | 2/24/2022 | 11:10 | 20.7 | 0 | 0 | 0 | 21 |
| SVM-06D | 180 | 2/24/2022 | 10:38 | 8.7 | 4.8 | 9 | 2193 | 21 |
| SVM-06S | 180 | 2/24/2022 | 10:36 | 12.6 | 0.3 | 0.3 | 1000 | 21 |
| SVM-07D | 80 | 2/24/2022 | 10:10 | 17.2 | 3 | 0 | 0.1 | 21 |
| SVM-07S | 80 | 2/24/2022 | 10:15 | 18.1 | 1.9 | 0 | 0 | 21 |
| SVM-08D | 40 | 2/24/2022 | 10:45 | 20.9 | 0 | 0 | 0.2 | 21 |
| SVM-08S | 40 | 2/24/2022 | 10:48 | 21 | 0 | 0 | 0 | 21 |
| SVM-10D | -20 | 2/24/2022 | 10:00 | 20.5 | 0 | 0 | 0 | 21 |
| SVM-15D | 250 | 2/24/2022 | 10:20 | 19.9 | 1 | 0 | 0 | 21 |
| SVM-15M | 250 | 2/24/2022 | 10:22 | 18.2 | 1 | 0 | 0 | 21 |
| SVM-15S | 250 | 2/24/2022 | 10:26 | 17.9 | 0.9 | 0 | 0 | 21 |
| SVM-16D | -20 | 2/24/2022 | 10:55 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-16M | -20 | 2/24/2022 | 10:57 | 20.8 | 0 | 0 | 0 | 21 |
| SVM-16S | -20 | 2/24/2022 | 11:00 | 20.8 | 0 | 0 | 0 | 21 |
| GMW-O-12 | 25 | 3/1/2022 | 13:05 | 20.7 | 0 | 0 | 0 | 21 |
| GMW-O-11 | 200 | 3/1/2022 | 13:09 | 20.8 | 0 | 0 | 0 | 21 |
| GMW-O-20 | 120 | 3/1/2022 | 13:07 | 20.6 | 0.1 | 0 | 0 | 21 |
| SVM-07D | 80 | 3/1/2022 | 13:18 | 16.6 | 1.9 | 0 | 0 | 21 |
| SVM-06D | 180 | 3/1/2022 | 13:31 | 11.4 | 4 | 14 | 2360 | 21 |
| SVM-15D | 250 | 3/1/2022 | 13:11 | 15.1 | 1.9 | 0 | 0 | 21 |
| SVM-06S | 180 | 3/1/2022 | 13:33 | 13.3 | 0.2 | 0.5 | 1320 | 21 |
| SVM-15M | 250 | 3/1/2022 | 13:13 | 18 | 1 | 0 | 0 | 21 |
| SVM-15S | 250 | 3/1/2022 | 13:15 | 18.5 | 0.9 | 0 | 0 | 21 |
| SVM-07S | 80 | 3/1/2022 | 13:20 | 16 | 2.7 | 0 | 0 | 21 |
| SVM-08D | 40 | 3/1/2022 | 12:56 | 20.7 | 0 | 0 | 0 | 21 |
| SVM-08S | 40 | 3/1/2022 | 12:58 | 20.6 | 0 | 0 | 0 | 21 |
| SVM-10D | -20 | 3/1/2022 | 13:24 | 20 | 0.2 | 0 | 0 | 21 |
| SVM-16D | -20 | 3/1/2022 | 12:45 | 20.3 | 0.2 | 0 | 0.3 | 21 |
| SVM-16M | -20 | 3/1/2022 | 12:47 | 20.5 | 0 | 0 | 0 | 21 |
| SVM-16S | -20 | 3/1/2022 | 12:49 | 20.6 | 0.1 | 0 | 0 | 21 |
| SVM-06D | 180 | 3/3/2022 | 11:20 | 0.7 | NM | NM | 5000 | 20.9 |
| SVM-06S | 180 | 3/3/2022 | 11:22 | 9.8 | NM | NM | 1230 | 20.9 |
| SVM-06D | 180 | 3/8/2022 | 10:11 | 1 | NM | NM | 1000 | 20.9 |
| SVM-06S | 180 | 3/8/2022 | | 11.6 | NM | NM | 332 | 20.9 |
| SVM-07D | 80 | 3/8/2022 | 9:50 | 16.4 | NM | NM | 0 | 20.9 |
| SVM-07S | 80 | 3/8/2022 | 9:53 | 18.2 | NM | NM | 0 | 20.9 |

Appendix D.2. Soil Vapor Field Monitoring Data

SFPP Norwalk Pump Station, Norwalk, California

| Well/ Location | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Oxygen (%) | Carbon Dioxide (%) | Methane (%) | VOC's (ppmv) | Ambient Oxygen (%) |
|-------------------|--|-----------|-------|---------------|--------------------------|----------------|-----------------|--------------------------|
| SVM-10D | -20 | 3/8/2022 | 9:43 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-15D | 250 | 3/8/2022 | 10:02 | 15.1 | NM | NM | 0.05 | 20.9 |
| SVM-15M | 250 | 3/8/2022 | 10:05 | 17.9 | NM | NM | 0 | 20.9 |
| SVM-15S | 250 | 3/8/2022 | 10:08 | 18.8 | NM | NM | 0 | 20.9 |
| GWM-O-11 | 200 | 3/8/2022 | 9:59 | 20.9 | NM | NM | 0 | 20.9 |
| GWM-O-12 | 25 | 3/8/2022 | 9:48 | 20.9 | NM | NM | 0 | 20.9 |
| GMW-O-20 | 120 | 3/8/2022 | 9:57 | 20.9 | NM | NM | 0 | 20.9 |
| SVM-05D | 130 | 3/24/2022 | 10:16 | 20.6 | 0 | 0 | 0 | 21 |
| SVM-05S | 130 | 3/24/2022 | 10:18 | 20.5 | 0 | 0 | 0 | 21 |
| SVM-06D | 180 | 3/24/2022 | 9:18 | 16.8 | 1.9 | 0.9 | 455.5 | 21 |
| SVM-06S | 180 | 3/24/2022 | 9:20 | 18.8 | 0.2 | 0 | 21.2 | 21 |
| SVM-07D | 80 | 3/24/2022 | 9:25 | 16.8 | 0 | 0 | 0 | 21 |
| SVM-07S | 80 | 3/24/2022 | 9:28 | 18.9 | 0 | 0 | 0 | 21 |
| SVM-08D | 40 | 3/24/2022 | 9:55 | 20.8 | 0 | 0 | 0 | 21 |
| SVM-08S | 40 | 3/24/2022 | 9:58 | 20.9 | 0.1 | 0 | 0 | 21 |
| SVM-10D | -20 | 3/24/2022 | 9:33 | 20.9 | 0 | 0 | 0 | 21 |
| SVM-15D | 250 | 3/24/2022 | 9:38 | 16.2 | 0.1 | 0 | 0 | 21 |
| SVM-15M | 250 | 3/24/2022 | 9:40 | 18.5 | 0 | 0 | 0 | 21 |
| SVM-15S | 250 | 3/24/2022 | 9:43 | 19.2 | 0 | 0 | 0 | 21 |
| SVM-16D | -20 | 3/24/2022 | 10:02 | 20.4 | 0.1 | 0 | 0 | 21 |
| SVM-16M | -20 | 3/24/2022 | 10:04 | 20.8 | 0.1 | 0 | 0 | 21 |
| SVM-16S | -20 | 3/24/2022 | 10:10 | 20.7 | 0 | 0 | 0 | 21 |

Appendix D.3. ROI Data

SFPN Norwalk Pump Station, Norwalk, California

| Date | Start Time | End Time | HSVE-1 Date and Flow (SCFM) | HSVE-1 Vacuum (in of H2O) | Comment | Higher Priority Vacuum Monitoring Locations (Vacuum [in of H2O]) | | | | | | | | | | | | | | | Lower Priority Vacuum Monitoring Locations (Vacuum [in of H2O]) | | | | | | | | | | HSVE-1 Flow (SCFM) | | | | | | |
|---------------|------------|----------|-----------------------------|---------------------------|--|--|---------|----------|---------|---------|----------|---------|---------|---------|----------|---------|---------|---------|---------|---------|---|---------|---------|---------|----------|--------|--------|---------|---------|---------|--------------------|------|------|------|-------|-------|-----|
| | | | | | | Approximate Distance to HSVE-01 (ft) (negative upgradient) | | | | | | | | | | | | | | | Monitoring ID | | | | | | | | | | | | | | | | |
| | | | | | | 20 | 20 | 20 | 20 | 20 | 10 | 10 | 25 | 40 | 40 | 40 | 80 | 80 | 90 | 120 | 130 | 130 | 130 | 150 | 160 | 160 | 160 | 180 | 180 | 200 | | 230 | 230 | 250 | 250 | 250 | 10 |
| Monitoring ID | SVM-10D | SVM-10S | SVM-16D | SVM-16M | SVM-16S | SVM-03D | SVM-03S | GMW-O-12 | SVM-08D | SVM-08S | GMW-O-21 | SVM-07D | SVM-07S | GMW-O-3 | GMW-O-20 | SVM-05D | SVM-05S | MW-SF-9 | GMW-O-5 | SVM-02D | SVM-02S | GMW-O-2 | SVM-06D | SVM-06S | GMW-O-11 | SVM-1D | SVM-1S | SVM-15D | SVM-15M | SVM-15S | GMW-O-14 | | | | | | |
| 4/6/2021 | 11:40 | 13:40 | 4/6/21 323 | 28.30 | Left Running Overnight | 0 | 1.3 | 10.4 | 6 | 0 | NM | NM | 0 | 2.4 | 0 | NM | NM | 1.4 | 0 | NM | NM | NM | NM | 0 | 0 | 0 | NM | NM | 0 | 0 | 0 | NM | 323 | | | | |
| 4/7/2021 | 11:40 | 13:40 | 4/7/21 323 | 24.30 | 50% Flow of Day 2 | 0.4 | NM | 10.1 | 5.8 | 0 | 2.5 | 0 | 0 | 2.1 | 0 | 1.9 | 0 | 0 | 0 | NM | 1.3 | 0 | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 | NM | 323 | | | |
| 4/7/2021 | 11:40 | 13:40 | 4/7/21 512 | 47.10 | 75% Flow day 1 left running overnight | 1.4 | NM | 16.1 | 9.3 | 0 | 4.5 | 0.6 | 0 | 2.9 | 0 | 4.9 | 0 | 0 | 0 | NM | 1.9 | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NM | 512 | | | |
| 4/8/2021 | 11:15 | 13:15 | 4/8/21 512 | 48.20 | 75% flow day 2 | 1.6 | NM | 14.5 | 8.1 | 0 | 3.6 | 0 | 0 | 3.5 | 0 | 4.5 | 0 | 0 | 0 | NM | 1.9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NM | 512 | | | |
| 4/8/2021 | 11:45 | 13:45 | 4/8/21 560 | 55.00 | 100% flow | 1.5 | NM | 16.6 | 9.4 | 0 | 4.1 | 0 | 0 | 4.2 | 0.6 | 4.1 | 0 | 0 | 0.4 | 0 | 1.9 | 0 | 0 | 0 | 0 | 0 | 0 | NM | NM | 0 | 0 | 0 | 0 | NM | 560 | | |
| 4/15/2021 | 11:45 | 13:45 | 4/15/21 560 | 55.00 | 100%flow | 1.3 | NM | 16.7 | 9.7 | 0 | 4.8 | 0.7 | 0 | 4.6 | 0.8 | 4.4 | 0 | 0 | 0.5 | 0 | 1.9 | 0 | NM | 0.7 | NM | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | NM | 560 | | |
| 4/21/2021 | 11:15 | 13:15 | 4/21/21 560 | 55.00 | 100%flow | 0.9 | NM | 11.8 | 6.7 | 0 | 4 | 0.4 | 0.1 | 3.1 | 0.4 | NM | 0.3 | 0.1 | 0.4 | 0.3 | 1.9 | 0 | NM | 0 | NM | 0 | 0 | 0.8 | 0 | -0.3 | 0 | 0 | 0.2 | 0 | 0 | 15.1 | 560 |
| 4/28/2021 | 11:15 | 13:15 | 4/28/21 560 | 55.00 | 100% flow | 1.2 | NM | 13.1 | 7.6 | 0.32 | 4.2 | 0.41 | 0.01 | 3.41 | 0.46 | 0.32 | 0.14 | 0.02 | 0.39 | 0.25 | 1.9 | NM | NM | -0.3 | NM | 0 | 0 | 0.22 | 0 | 0.2 | 0 | 0.02 | 0.18 | 0 | -0.04 | NM | 560 |
| 5/5/2021 | 11:40 | 13:40 | 5/5/21 560 | 55.00 | 100% flow | 1.57 | NM | 18 | 11.2 | 0.4 | 6.8 | 0.65 | 0 | 5 | 0.5 | 5.2 | 0.1 | 0.5 | 0.59 | 0.27 | 1.9 | 0 | NM | 0 | NM | 0 | 0 | 0.3 | 0 | 0.23 | 0 | 0.06 | 0.25 | 0 | 0 | NM | 560 |
| 5/11/2021 | 11:20 | 13:40 | 5/11/21 560 | 56.00 | BS-03 50cfm | 1.53 | NM | 18.9 | 16.1 | 0.44 | 6.01 | 0.58 | 0 | 4.9 | 0.68 | 5.43 | 0.25 | 0.26 | 0.62 | 0.55 | 1.9 | 0.22 | NM | 0 | NM | 0 | 0 | 0.2 | 0 | 0.14 | 0 | 0 | 0.45 | 0 | 0 | NM | 560 |
| 5/11/2021 | 14:50 | 16:30 | 5/11/21 560 | 56.00 | BS-03 50cfm | 1.53 | NM | 19.06 | 10.7 | 0.45 | 4.18 | 0.52 | 0.14 | 4.8 | 0.7 | 5.37 | 0.42 | 0.06 | 0.61 | 0.44 | 1.9 | 0.27 | NM | 0 | NM | 0 | 0 | 0.14 | 0 | 0.14 | 0 | 0 | 0.24 | 0 | 0 | NM | 560 |
| 5/12/2021 | 8:20 | 22:23 | 5/12/21 500 | 56.00 | BS-03 50cfm | 1.54 | NM | 18.66 | 10.99 | 0.41 | 6.05 | 0.64 | 0.46 | 4.34 | 0.71 | 6.66 | 0.24 | 0.05 | 0.65 | 0.77 | 1.9 | 0.21 | NM | 0 | NM | 0 | 0 | 0.31 | 0 | 0.14 | 0 | 0 | 0.25 | 0 | 0 | NM | 500 |
| 5/12/2021 | 13:15 | 15:00 | 5/12/21 500 | 56.00 | BS-03 100cfm | 1.51 | NM | 18.4 | 10.56 | 0.4 | 5.99 | 0.61 | 0.02 | 4.69 | 0.67 | 6.94 | 0.21 | 0.05 | 0.62 | 0.22 | 1.9 | NM | NM | -0.21 | NM | 0 | 0 | 0.25 | 0.01 | 0.11 | 0 | 0 | 0.25 | 0.01 | 0 | 23 | 500 |
| 5/13/2021 | 9:00 | 12:13 | 5/13/21 457 | 54.00 | BS-03 100cfm | 1.4 | NM | 16.7 | 9.83 | 0.37 | 3.78 | 0.46 | -12.2 | 4.4 | 0.62 | 4.75 | 0.14 | 0 | 0.6 | 1.17 | 1.9 | 0.19 | NM | -0.28 | NM | NM | 0 | 0.25 | 0.33 | 0.4 | 0 | 0 | 0.28 | 0 | 0 | 19.24 | 457 |
| 5/13/2021 | 13:09 | 14:50 | 5/13/21 457 | 55.00 | BS-03 100cfm | 1.41 | NM | 16.65 | 9.74 | 0.35 | 5.53 | 0.51 | -6.24 | 4.31 | 0.6 | 4.58 | 0.13 | 0 | 0.46 | NM | 1.9 | 1.7 | NM | -0.34 | NM | NM | NM | 0 | 0.18 | NM | NM | NM | NM | NM | 14.1 | 457 | |
| 5/14/2021 | 11:20 | 13:30 | 5/14/21 500 | 56.00 | BS-03 50cfm | 1.34 | NM | 16.61 | 9.91 | 0.34 | 4.55 | 0.49 | NM | 4.4 | 0.59 | 5.31 | 0.18 | 0 | 8.58 | 0.58 | 1.9 | 0.14 | NM | -0.26 | NM | 0 | 0 | 0.17 | 0 | 1.26 | 0 | 0 | 0.21 | 0 | 0 | 18.2 | 500 |
| 5/18/2021 | 9:00 | 12:50 | 5/18/21 500 | 56.00 | BS-03 50cfm | 1.59 | NM | 18.76 | 10.9 | 0.48 | 6.32 | 0.63 | 0.1 | 4.97 | 0.73 | 7.27 | 0.25 | 0.07 | 0.61 | 0.57 | 1.9 | 0.23 | NM | -0.02 | NM | 0 | 0 | 0.27 | 0 | 0.1 | 0 | 0 | 0.2 | 0 | 0 | 23.5 | 500 |
| 5/18/2021 | 13:30 | 15:30 | 5/18/21 500 | 56.00 | BS-03 50cfm | 1.6 | NM | 18.91 | 11.13 | 0.42 | 6.53 | 0.7 | 0.1 | 4.99 | 0.7 | 6.28 | 0.24 | 0.05 | 0.6 | 0.58 | 1.9 | 0.17 | NM | -0.12 | NM | 0 | 0 | 0.26 | 0 | 0.11 | 0 | 0 | 0.21 | 0 | 0 | 23.86 | 500 |
| 5/19/2021 | 9:35 | 11:55 | 5/19/21 457 | 49.00 | BS-03 50cfm | 1.58 | NM | 17.8 | 10.5 | 0.4 | 6.12 | 0.57 | 0.15 | 4.75 | 0.67 | 5.38 | 0.3 | 0.1 | 0.6 | 0.8 | 1.9 | 0.22 | NM | -0.19 | NM | NM | NM | 0.31 | 0.06 | NM | NM | NM | NM | NM | 21.7 | 457 | |
| 5/19/2021 | 13:40 | 16:05 | 5/19/21 470 | 49.00 | BS-03 100cfm | 1.5 | NM | 17.6 | 10.4 | 0.5 | 6.3 | 0.66 | -0.66 | 4.78 | 0.75 | 5.98 | 0.27 | 0.12 | 0.76 | 0.7 | 1.9 | 0.3 | NM | 0 | NM | NM | NM | 0.34 | 0.08 | NM | NM | NM | NM | NM | 22 | 470 | |
| 5/20/2021 | 10:20 | 11:35 | 5/20/21 500 | 56.00 | BS-03 100cfm | 1.43 | NM | 17.01 | 9.9 | 0.41 | 5.7 | 0.5 | -10.7 | 4.37 | 0.65 | 5.29 | 0.17 | 0.06 | 0.52 | 0.28 | 1.9 | 0.21 | NM | -0.15 | NM | NM | NM | 0.26 | 0 | 0.11 | NM | NM | 0.28 | 0 | 0 | 21.83 | 500 |
| 5/26/2021 | 11:02 | 14:01 | 5/26/21 460 | 54.00 | BS-03 150cfm | 1.48 | NM | 18.16 | 10.39 | 0.37 | 0.1 | 0.03 | -13 | 4.46 | 0.66 | NM | 0.07 | 0 | 0.61 | NM | 1.9 | NM | NM | NM | NM | NM | 0.18 | 0 | NM | NM | NM | NM | NM | NM | 460 | | |
| 5/27/2021 | 7:48 | 11:20 | 5/27/21 600 | 54.00 | BS-03 200cfm | 1.32 | NM | 16.33 | 9.28 | 0.33 | 5.66 | 0.51 | -19.4 | 3.78 | 0.4 | 3.42 | -0.03 | 0 | 0.49 | -0.97 | 1.9 | 0.19 | NM | -0.21 | NM | NM | 0 | 0 | 0 | 0.03 | NM | NM | 0.17 | 0 | 0 | 20.52 | 600 |
| 5/28/2021 | 10:15 | 11:35 | 5/28/21 510 | 53.50 | BS-03 100cfm turned down because of elevated VOCs in GMW-O-12, field sheets contained additional vacuum readings from well head and manifold | NM | NM | NM | NM | NM | NM | NM | 27.2 | NM | NM | NM | NM | NM | NM | NM | 1.9 | NM | NM | 54.1 | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | NM | 510 | |
| 6/1/2021 | 12:40 | 14:45 | 6/1/21 600 | 56.00 | BS-03 restarted at 100cfm at 12:00pm after compressor service. | 1.41 | NM | 12.57 | 7.04 | 0.27 | 4.2 | 0.44 | 53.4 | 3.14 | 0.42 | 4.48 | 0.12 | 0.03 | 0.51 | NM | 1.9 | 0.13 | NM | -0.18 | NM | NM | NM | 0 | 0.14 | 0.21 | NM | NM | 0.24 | 0.04 | 0.04 | 14.22 | 600 |
| 6/10/2021 | 10:35 | 12:58 | 6/10/21 600 | 56.00 | Variable vacuum for GMW-O-11, and vacuum was -0.1 to -0.25. Packer in well GMW-O-20, well vault VOC 9.0 ppm. | 1.13 | NM | 10.9 | 6.04 | 0.1 | 4.11 | 0.41 | 54.5 | 4.1 | 0.38 | NM | 0.01 | 0 | NM | NM | 1.9 | 0.12 | NM | NM | NM | NM | -0.02 | 0 | 0.1 | NM | NM | 0.15 | 0 | 0 | NM | 600 | |
| 6/10/2021 | 15:09 | 17:09 | 6/10/21 600 | 55.00 | No end time for HSVE-1 on this field form. Vacuum continues to fluctuate on GMW-O-11. Packer installed, well vault VOC: 9.1ppmv for GMW-O-20 temporarily with well cap off. Vacuum was 0.05 to 0.51 for GMW-O-11 | 0.95 | NM | 11.1 | 6.21 | 0.14 | 4.21 | 0.42 | 54 | 4.12 | 0.4 | NM | 0.02 | 0 | 0 | NM | 1.9 | 0.12 | NM | 0 | NM | NM | NM | 0.02 | 0 | 0.51 | NM | NM | 0.33 | 0.03 | 0 | 18.1 | 600 |
| 6/11/2021 | 7:55 | 10:28 | 6/11/21 600 | 56.00 | No Access Vehicle parked on SVM-16D,M,S. Packer for GMW-O-12. Additional vacuum readings for GMW-O-14 and GMW-O-11. | 0.85 | NM | NM | NM | NM | 2.75 | 0.34 | NM | 2.27 | 0.33 | 1.14 | -0.1 | -0.02 | 0.29 | -1.35 | 1.9 | 0.29 | NM | -0.65 | NM | NM | NM | -0.04 | 0 | 0.2 | NM | NM | 0.15 | 0 | 0 | 2.3 | 600 |
| 6/22/2021 | 7:55 | 9:55 | 6/22/21 600 | 56.00 | No end time for HSVE-1. Bumped BS-03 to 250 @ 10:58. Positive pressure no VOCs in vault for GMW-o-5. Checked packer sitting in good condition for GMW-O-12. Pneumatic packer damage for GMW-o-20, replaced with mechanical packer. | 1.4 | NM | 12.68 | 7.04 | 0.27 | 4.04 | 0.43 | NM | 3.15 | 0.44 | 4.41 | 0.1 | 0.02 | 0.43 | NM | 1.9 | 0.11 | NM | -0.6 | NM | NM | NM | 0.2 | 0.02 | 0.11 | NM | NM | 0.23 | 0.32 | 0.08 | 11.86 | 600 |
| 6/25/2021 | 8:45 | 11:02 | 6/25/21 550 | 55.10 | Inside vaults = 0ppm VOC. | -0.94 | NM | 11.45 | 6.44 | 0.25 | 3.17 | 0.31 | NM | 2.67 | 0.38 | NM | -0.01 | 0 | 0.34 | NM | 1.9 | 0.11 | NM | -0.73 | NM | NM | NM | -0.01 | -0.01 | 0.12 | NM | NM | 0.19 | 0.01 | 0.15 | 7.03 | 550 |
| 6/28/2021 | 11:00 | 13:50 | 6/28/21 600 | 56.00 | Vault VOCs = 0.0 for GMW-O-12 and GMW-O-20. Packers installed Vacuum for GMW-O-11 was between 0.3 and 0.21. | 0.88 | NM | 11.47 | 6.51 | 0.24 | 3.11 | 0.21 | NM | 2.71 | 0.41 | 4.21 | 0.02 | 0.02 | 0.41 | NM | 1.9 | 0.1 | NM | -0.64 | NM | NM | NM | 0.06 | 0.01 | 0.3 | NM | NM | 0.18 | 0.01 | 0.06 | NM | 600 |

Appendix D.4. GWE Data

SFPP Norwalk Pump Station, Norwalk, California

| Well | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Manual Measurements | | Sheen/Odor | Field Calculations | PID |
|----------|--|-----------|-------|---------------------------|-----------------------------|------------|---------------------------------|-------------|
| | | | | Depth to Water (ft. BTOC) | Depth to Product (ft. BTOC) | Yes/No | Apparent Product Thickness (ft) | VOC's (ppm) |
| GMW-O-11 | 200 | 4/6/2021 | 14:00 | 32 | 31.9 | y | 0.1 | 0.5 |
| GMW-O-12 | 25 | 4/6/2021 | 14:15 | 31.19 | 32.02 | y | 1 | 36.4 |
| GMW-O-20 | 120 | 4/6/2021 | 14:10 | 31.78 | n/a | n | 0 | n/a |
| GMW-O-11 | 200 | 4/7/2021 | 9:34 | 32.1 | 32 | y | 0.1 | 1.1 |
| GMW-O-12 | 25 | 4/7/2021 | 9:40 | 32.25 | 31.87 | y | <1.0 | 6.3 |
| GMW-O-20 | 120 | 4/7/2021 | 9:43 | 31.78 | n/a | n | 0 | n/a |
| GMW-O-3 | -90 | 4/7/2021 | 10:45 | 31.35 | n/a | n | 0 | 9.3 |
| GMW-O-5 | -150 | 4/7/2021 | 10:56 | 31.42 | n/a | n | 0 | 0.3 |
| MW-SF-9 | 130 | 4/7/2021 | 11:05 | n/a | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 4/7/2021 | 14:36 | 32.05 | n/a | y | 0.1 | n/a |
| GMW-O-12 | 25 | 4/7/2021 | 14:20 | 31.28 | 31.97 | y | <1.0 | n/a |
| GMW-O-20 | 120 | 4/7/2021 | 14:32 | 31.85 | n/a | n | 0 | n/a |
| GMW-O-3 | -90 | 4/7/2021 | 14:47 | 31.37 | n/a | n | 0 | n/a |
| GMW-O-5 | -150 | 4/7/2021 | 14:55 | 31.38 | n/a | n | 0 | n/a |
| MW-SF-9 | 130 | 4/7/2021 | 15:05 | n/a | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 4/8/2021 | 14:00 | 32.05 | n/a | n | n/a | 0.5 |
| GMW-O-12 | 25 | 4/8/2021 | 14:38 | 31.28 | 31.95 | y | 0.71 | 7.4 |
| GMW-O-20 | 120 | 4/8/2021 | 14:20 | 31.85 | n/a | n | 0 | n/a |
| GMW-O-3 | -90 | 4/8/2021 | 14:12 | 31.37 | n/a | n | 0 | 0.9 |
| GMW-O-5 | -150 | 4/8/2021 | 12:50 | 31.38 | n/a | n | 0 | 4.9 |
| GMW-O-11 | 200 | 4/15/2021 | 11:15 | 32.1 | n/a | n | n/a | 0 |
| GMW-O-12 | 25 | 4/15/2021 | 11:30 | 32.04 | n/a | n | n/a | 0.8 |
| GMW-O-2 | 160 | 4/15/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 4/15/2021 | 11:25 | 31.95 | n/a | n | 0 | 0 |
| GMW-O-21 | 40 | 4/15/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 4/15/2021 | 9:40 | 31.9 | n/a | y | 0 | 0 |
| GMW-O-5 | -150 | 4/15/2021 | 9:20 | 31.56 | n/a | n | n/a | 0 |
| MW-SF-9 | 130 | 4/15/2021 | 12:05 | 32.53 | n/a | n | 0 | n/a |
| GMW-O-11 | 200 | 4/21/2021 | 12:10 | 31.95 | n/a | n | n/a | 0.1 |
| GMW-O-12 | 25 | 4/21/2021 | 12:33 | 31.63 | n/a | n | n/a | 0.1 |
| GMW-O-2 | 160 | 4/21/2021 | 12:26 | 31.07 | n/a | n | n/a | 0.9 |

Appendix D.4. GWE Data

SFPP Norwalk Pump Station, Norwalk, California

| Well | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Manual Measurements | | Sheen/Odor | Field Calculations | PID |
|----------|--|-----------|-------|---------------------------|-----------------------------|------------|---------------------------------|-------------|
| | | | | Depth to Water (ft. BTOC) | Depth to Product (ft. BTOC) | Yes/No | Apparent Product Thickness (ft) | VOC's (ppm) |
| GMW-O-20 | 120 | 4/21/2021 | 12:18 | 31.65 | n/a | n | n/a | 0 |
| GMW-O-21 | 40 | 4/21/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 4/21/2021 | 10:00 | 31.5 | n/a | n | 0 | 0.3 |
| GMW-O-5 | -150 | 4/21/2021 | 9:45 | 31.5 | n/a | n | 0 | 0 |
| MW-SF-9 | 130 | 4/21/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 4/28/2021 | 12:40 | n/a | NA | N | NA | 1.2 |
| GMW-O-12 | 25 | 4/28/2021 | n/a | n/a | n/a | n/a | n/a | 2.5 |
| GMW-O-2 | 160 | 4/28/2021 | 11:59 | 31.66 | n/a | n | NA | 0.9 |
| GMW-O-20 | 120 | 4/28/2021 | n/a | n/a | n/a | n/a | n/a | 0.8 |
| GMW-O-21 | 40 | 4/28/2021 | n/a | n/a | n/a | n/a | n/a | 0.2 |
| GMW-O-3 | -90 | 4/28/2021 | n/a | n/a | n/a | n/a | n/a | 0.4 |
| GMW-O-5 | -150 | 4/28/2021 | n/a | n/a | n/a | n/a | n/a | 0 |
| GMW-O-11 | 200 | 5/5/2021 | 13:40 | 31.9 | n/a | n/a | n/a | 3.8 |
| GMW-O-12 | 25 | 5/5/2021 | 13:50 | 31.06 | n/a | n/a | n/a | 3.9 |
| GMW-O-2 | 160 | 5/5/2021 | 13:01 | 31.69 | n/a | n/a | n/a | 0 |
| GMW-O-20 | 120 | 5/5/2021 | 13:45 | 31.37 | n/a | n/a | n/a | 0.9 |
| GMW-O-21 | 40 | 5/5/2021 | 14:43 | 31.13 | n/a | n/a | n/a | 0.9 |
| GMW-O-3 | -90 | 5/5/2021 | 14:06 | 31.3 | n/a | n/a | n/a | 1.5 |
| GMW-O-5 | -150 | 5/5/2021 | 15:00 | 31.22 | n/a | n/a | n/a | 0.5 |
| MW-SF-9 | 130 | 5/5/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-14 | n/a | 5/5/2021 | n/a | 23.9 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 5/11/2021 | 12:40 | 30.85 | n/a | n/a | 0 | 0.3 |
| GMW-O-12 | 25 | 5/11/2021 | 12:55 | 28.47 | n/a | n/a | 0 | 0.1 |
| GMW-O-2 | 160 | 5/11/2021 | 11:35 | 31.35 | n/a | n/a | 0 | 0.1 |
| GMW-O-20 | 120 | 5/11/2021 | 12:48 | 29.52 | n/a | n/a | 0 | 0.3 |
| GMW-O-21 | 40 | 5/11/2021 | 13:28 | 29.05 | n/a | n/a | 0 | 0 |
| GMW-O-3 | -90 | 5/11/2021 | 11:50 | 29.45 | n/a | n/a | 0 | 0.2 |
| GMW-O-5 | -150 | 5/11/2021 | 13:40 | 29.09 | n/a | n/a | 0 | n/a |
| GMW-O-11 | 200 | 5/11/2021 | 15:30 | 30.79 | n/a | n/a | 0 | 0 |
| GMW-O-12 | 25 | 5/11/2021 | 15:43 | 29.74 | n/a | n/a | 0 | 0.1 |
| GMW-O-2 | 160 | 5/11/2021 | 15:03 | 31.03 | n/a | n/a | 0 | 0.1 |

Appendix D.4. GWE Data

SFPP Norwalk Pump Station, Norwalk, California

| Well | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Manual Measurements | | Sheen/Odor | Field Calculations | PID |
|----------|--|-----------|-------|---------------------------|-----------------------------|------------|---------------------------------|-------------|
| | | | | Depth to Water (ft. BTOC) | Depth to Product (ft. BTOC) | Yes/No | Apparent Product Thickness (ft) | VOC's (ppm) |
| GMW-O-20 | 120 | 5/11/2021 | 15:37 | 30.03 | n/a | n/a | 0 | 0.1 |
| GMW-O-21 | 40 | 5/11/2021 | 16:09 | 30.04 | n/a | n/a | 0 | 0 |
| GMW-O-3 | -90 | 5/11/2021 | 15:08 | 29.53 | n/a | n/a | 0 | 0.2 |
| GMW-O-5 | -150 | 5/11/2021 | 16:27 | 29.5 | n/a | n/a | 0 | 0 |
| GMW-O-11 | 200 | 5/12/2021 | 14:40 | 30.35 | n/a | n/a | 0 | 0 |
| GMW-O-12 | 25 | 5/12/2021 | 14:50 | 27.65 | n/a | n/a | 0 | 0.2 |
| GMW-O-2 | 160 | 5/12/2021 | 13:32 | 31.25 | n/a | n/a | 0 | 0.2 |
| GMW-O-20 | 120 | 5/12/2021 | 14:45 | 28.74 | n/a | n/a | 0 | 0.1 |
| GMW-O-21 | 40 | 5/12/2021 | 14:16 | 27.54 | n/a | n/a | 0 | 0 |
| GMW-O-3 | -90 | 5/12/2021 | 13:38 | 28.65 | n/a | n/a | 0 | 1 |
| GMW-O-5 | -150 | 5/12/2021 | 13:46 | 28.82 | n/a | n/a | 0 | n/a |
| GMW-O-11 | 200 | 5/12/2021 | 9:43 | 30.69 | n/a | n/a | 0 | 0.3 |
| GMW-O-12 | 25 | 5/12/2021 | 10:00 | 32.09 | n/a | n/a | 0 | 8.1 |
| GMW-O-2 | 160 | 5/12/2021 | 8:45 | 31.55 | n/a | n/a | 0 | 0.2 |
| GMW-O-20 | 120 | 5/12/2021 | 9:48 | 31.5 | n/a | n/a | 0 | 0.5 |
| GMW-O-21 | 40 | 5/12/2021 | 10:48 | 31.75 | n/a | n/a | 0 | 0.7 |
| GMW-O-3 | -90 | 5/12/2021 | 9:00 | 30.82 | n/a | n/a | 0 | 1.2 |
| GMW-O-5 | -150 | 5/12/2021 | 11:15 | 29.55 | n/a | n/a | 0 | 0.1 |
| GMW-O-11 | 200 | 5/13/2021 | 11:30 | 30.38 | n/a | n/a | n/a | 0.6 |
| GMW-O-12 | 25 | 5/13/2021 | 11:45 | 29.75 | n/a | n/a | n/a | 5000 |
| GMW-O-2 | 160 | 5/13/2021 | 9:41 | 30.87 | n/a | n/a | n/a | 0.4 |
| GMW-O-20 | 120 | 5/13/2021 | 11:37 | 29.73 | n/a | n/a | n/a | 0.3 |
| GMW-O-21 | 40 | 5/13/2021 | 10:59 | 29.66 | n/a | n/a | n/a | 0.9 |
| GMW-O-3 | -90 | 5/13/2021 | 9:56 | 29.05 | n/a | n/a | n/a | 1.1 |
| GMW-O-5 | -150 | 5/13/2021 | 10:05 | 29.33 | n/a | n/a | n/a | 0.7 |
| GMW-O-14 | n/a | 5/13/2021 | 10:18 | 28.7 | n/a | n/a | n/a | 3.2 |
| GMW-O-11 | 200 | 5/13/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 5/13/2021 | 14:37 | n/a | n/a | n/a | n/a | 5000 |
| GMW-O-2 | 160 | 5/13/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 5/13/2021 | 13:31 | 29.87 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 5/13/2021 | 14:22 | 29.83 | n/a | n/a | n/a | 2.4 |

Appendix D.4. GWE Data

SFPP Norwalk Pump Station, Norwalk, California

| Well | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Manual Measurements | | Sheen/Odor | Field Calculations | PID |
|----------|--|-----------|-------|---------------------------|-----------------------------|------------|---------------------------------|-------------|
| | | | | Depth to Water (ft. BTOC) | Depth to Product (ft. BTOC) | Yes/No | Apparent Product Thickness (ft) | VOC's (ppm) |
| GMW-O-3 | -90 | 5/13/2021 | 13:38 | 29.28 | n/a | n/a | n/a | 5.2 |
| GMW-O-5 | -150 | 5/13/2021 | 13:45 | 29.5 | n/a | n/a | n/a | n/a |
| GMW-O-14 | n/a | 5/13/2021 | 13:57 | 28.75 | n/a | n/a | n/a | 4.9 |
| GMW-O-11 | 200 | 5/18/2021 | 12:02 | 31.55 | n/a | n | n/a | 0.7 |
| GMW-O-12 | 25 | 5/18/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-2 | 160 | 5/18/2021 | 12:30 | 31.4 | n/a | n | n/a | 0 |
| GMW-O-20 | 120 | 5/18/2021 | 12:10 | 31.11 | n/a | n | n/a | 0.6 |
| GMW-O-21 | 40 | 5/18/2021 | 11:04 | 30.4 | n/a | n | n/a | 0.3 |
| GMW-O-3 | -90 | 5/18/2021 | 12:20 | 31.71 | n/a | n | n/a | 0 |
| GMW-O-5 | -150 | 5/18/2021 | 10:11 | 31.3 | n/a | n | n/a | 0.8 |
| GMW-O-11 | 200 | 5/18/2021 | 14:50 | 31.52 | n/a | n | n/a | 0.1 |
| GMW-O-12 | 25 | 5/18/2021 | 15:05 | 31.52 | n/a | n | n/a | 3.6 |
| GMW-O-2 | 160 | 5/18/2021 | 15:19 | 31.41 | n/a | n | n/a | 0 |
| GMW-O-20 | 120 | 5/18/2021 | 14:55 | 30.46 | n/a | n | n/a | 0.2 |
| GMW-O-21 | 40 | 5/18/2021 | 14:20 | 30.85 | n/a | n | n/a | 0.2 |
| GMW-O-3 | -90 | 5/18/2021 | 15:12 | 31.88 | n/a | n | n/a | 0 |
| GMW-O-5 | -150 | 5/18/2021 | 13:30 | 31.31 | n/a | n | n/a | 0.7 |
| GMW-O-11 | 200 | 5/14/2021 | 12:34 | 31.97 | n/a | n | n/a | 0.1 |
| GMW-O-12 | 25 | 5/14/2021 | 12:50 | n/a | n/a | n | n/a | 0 |
| GMW-O-2 | 160 | 5/14/2021 | 11:48 | 31.69 | n/a | n | n/a | 5000 |
| GMW-O-20 | 120 | 5/14/2021 | 12:42 | 31.95 | n/a | n | n/a | 0 |
| GMW-O-21 | 40 | 5/14/2021 | 13:11 | 30.15 | n/a | n | n/a | 2.3 |
| GMW-O-3 | -90 | 5/14/2021 | 11:57 | 31.36 | n/a | n | n/a | 0 |
| GMW-O-5 | -150 | 5/14/2021 | 13:28 | 30.11 | n/a | n | n/a | 0 |
| GMW-O-11 | 200 | 5/19/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 5/19/2021 | 11:55 | 31.91 | n/a | n/a | n/a | 11 |
| GMW-O-2 | 160 | 5/19/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 5/19/2021 | 11:45 | 31.36 | n/a | n/a | n/a | 0.4 |
| GMW-O-21 | 40 | 5/19/2021 | 11:09 | 31.71 | n/a | n/a | n/a | 0.7 |
| GMW-O-3 | -90 | 5/19/2021 | 9:50 | 30.83 | n/a | n/a | n/a | 5.4 |
| GMW-O-5 | -150 | 5/19/2021 | 10:02 | 31.18 | n/a | n/a | n/a | 0.2 |

Appendix D.4. GWE Data

SFPP Norwalk Pump Station, Norwalk, California

| Well | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Manual Measurements | | Sheen/Odor | Field Calculations | PID |
|----------|--|-----------|-------|---------------------------|-----------------------------|------------|---------------------------------|-------------|
| | | | | Depth to Water (ft. BTOC) | Depth to Product (ft. BTOC) | Yes/No | Apparent Product Thickness (ft) | VOC's (ppm) |
| GMW-O-11 | 200 | 5/19/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 5/19/2021 | 16:05 | 29.58 | n/a | n/a | n/a | n/a |
| GMW-O-2 | 160 | 5/19/2021 | n/a | n/a | n/a | n/a | n/a | 17.4 |
| GMW-O-20 | 120 | 5/19/2021 | 15:50 | 29.49 | n/a | n/a | n/a | 0.4 |
| GMW-O-21 | 40 | 5/19/2021 | 14:47 | 29.05 | n/a | n/a | n/a | 0.1 |
| GMW-O-3 | -90 | 5/19/2021 | 13:40 | 29.71 | n/a | n/a | n/a | 1.3 |
| GMW-O-5 | -150 | 5/19/2021 | 13:48 | 30.59 | n/a | n/a | n/a | 0.3 |
| GMW-O-11 | 200 | 5/20/2021 | 11:25 | 30.49 | n/a | n/a | n/a | 0.3 |
| GMW-O-12 | 25 | 5/20/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-2 | 160 | 5/20/2021 | n/a | n/a | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 5/20/2021 | 11:38 | 29.92 | n/a | n/a | n/a | 0.3 |
| GMW-O-21 | 40 | 5/20/2021 | 11:06 | 29.93 | n/a | n/a | n/a | 0.3 |
| GMW-O-3 | -90 | 5/20/2021 | 10:47 | 29.98 | n/a | n/a | n/a | 0.3 |
| GMW-O-5 | -150 | 5/20/2021 | 10:38 | 30.65 | n/a | n/a | n/a | 0.1 |
| GMW-O-2 | 160 | 5/25/2021 | 9:48 | 31.05 | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 5/25/2021 | 9:45 | 29.36 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 5/25/2021 | 9:28 | 30.95 | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 5/25/2021 | 9:40 | 31.34 | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 5/25/2021 | 9:32 | 29.89 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 5/25/2021 | 10:12 | 29.11 | n/a | n/a | n/a | n/a |
| GMW-O-2 | 160 | 5/25/2021 | 14:39 | 31.11 | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 5/25/2021 | 14:29 | 29.74 | n/a | n/a | n/a | n/a |
| GMW-O-5 | -150 | 5/25/2021 | 13:10 | 32.94 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 5/25/2021 | 13:56 | 31.15 | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 5/25/2021 | 14:20 | 31.44 | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 5/25/2021 | 14:06 | 30.15 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 5/25/2021 | 13:31 | 30.85 | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 5/26/2021 | 13:05 | 29.69 | n/a | n/a | n/a | 0 |
| GMW-O-2 | 160 | 5/27/2021 | 9:45 | 30.81 | n/a | n/a | n/a | 0 |
| GMW-O-3 | -90 | 5/27/2021 | 9:48 | 28.95 | n/a | n/a | n/a | 0 |
| GMW-O-5 | -150 | 5/27/2021 | 9:55 | 30.05 | n/a | n/a | n/a | 0 |

Appendix D.4. GWE Data

SFPP Norwalk Pump Station, Norwalk, California

| Well | Approximate Distance to HSVE-01 (ft) (negative upgradient) | Date | Time | Manual Measurements | | Sheen/Odor | Field Calculations | PID |
|----------|--|-----------|-------|---------------------------|-----------------------------|------------|---------------------------------|-------------|
| | | | | Depth to Water (ft. BTOC) | Depth to Product (ft. BTOC) | Yes/No | Apparent Product Thickness (ft) | VOC's (ppm) |
| GMW-O-11 | 200 | 5/27/2021 | 10:59 | 29.98 | n/a | n/a | n/a | 0 |
| GMW-O-12 | 25 | 5/27/2021 | 11:10 | n/a | n/a | n/a | n/a | 535 |
| GMW-O-14 | 10 | 5/27/2021 | 10:01 | n/a | n/a | n/a | n/a | 0 |
| GMW-O-20 | 120 | 5/27/2021 | 11:04 | n/a | n/a | n/a | n/a | 405 |
| GMW-O-21 | 40 | 5/27/2021 | 10:30 | 28.74 | n/a | n/a | n/a | 0 |
| GMW-O-3 | -90 | 6/1/2021 | 13:39 | 30.44 | n/a | n/a | n/a | n/a |
| GMW-O-5 | -150 | 6/1/2021 | 12:43 | 31.15 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 6/1/2021 | 14:15 | 30.25 | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 6/1/2021 | 13:38 | 37.75 | n/a | n/a | n/a | n/a |
| GMW-O-14 | 10 | 6/1/2021 | 12:52 | n/a | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 6/1/2021 | 14:22 | 30.17 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 6/1/2021 | 13:33 | 30.66 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 6/10/2021 | 11:15 | 30.72 | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 6/10/2021 | 11:25 | 28 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 6/10/2021 | 14:27 | 30.63 | n/a | n/a | n/a | n/a |
| GMW-O-12 | 25 | 6/10/2021 | 14:37 | 27.95 | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 6/11/2021 | 10:18 | 28.03 | n/a | n/a | n/a | n/a |
| GMW-O-5 | -150 | 6/11/2021 | 10:10 | 29.23 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 6/11/2021 | 9:04 | 30.25 | n/a | n/a | n/a | n/a |
| GMW-O-20 | 120 | 6/11/2021 | 9:10 | 28.61 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 6/11/2021 | 9:50 | 28.45 | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 6/22/2021 | 10:20 | 30.49 | n/a | n/a | n/a | n/a |
| GMW-O-5 | -150 | 6/22/2021 | 10:08 | 30.36 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 6/22/2021 | 9:45 | 31.34 | n/a | n/a | n/a | n/a |
| GMW-O-3 | -90 | 6/28/2021 | 13:08 | 30.55 | n/a | n/a | n/a | n/a |
| GMW-O-5 | -150 | 6/28/2021 | 13:30 | 30.45 | n/a | n/a | n/a | n/a |
| GMW-O-11 | 200 | 6/28/2021 | 12:30 | 30.59 | n/a | n/a | n/a | n/a |
| GMW-O-21 | 40 | 6/28/2021 | 12:59 | 30.91 | n/a | n/a | n/a | n/a |

Appendix D.5. HSVE-01 Cumulative Mass Removed

SFPP Norwalk Pump Station, Norwalk, California

| Date | Operational Data | | | | | | VOC Mass Removal | | | | O2 Calculations | | | | | |
|---------------|-----------------------------|----------------------------|---------------------------------|---------------------------------|------------------------|---------------------------|-----------------------------------|-----------------------------------|--------------------------------|--|------------------|---------------------------|---|--|---|----------------------|
| | SVE Influent Max of CO2 (%) | SVE Influent Max of O2 (%) | SVE Influent Max of VOCs (ppmv) | Max of SVE Influent Flow (scfm) | Operational Efficiency | Corrected SVE Flow (scfm) | Removal Rate (VOC ppm/ft3/minute) | VOC Mass Removal Rate (lb/minute) | VOC Mass Removal Rate (lb/day) | Cumulative Equivalent Mass Removed (lbs) | O2 Depletion (%) | O2 Depletion (lbs/minute) | Equivalent Mass Consumed by O2 (lbs/minute) | Equivalent Mass Consumed by O2 (lbs/day) | Cumulative Equivalent Mass Consumed by O2 (lbs) | Difference O2 vs CO2 |
| 4/6/21 12:25 | 6 | 13.4 | 381 | 323 | 1.00 | 323 | 0 | 0 | 0 | 0 | 7.6 | 1.88 | 0.53 | 766.66 | 0 | 0 |
| 4/6/21 16:00 | 6.2 | 13.4 | 405 | 323 | 1.00 | 323 | 130815.00 | 0.02875 | 41.39 | 6 | 7.6 | 1.88 | 0.53 | 766.66 | 114 | -6 |
| 4/7/21 7:35 | 5.6 | 15.5 | 406.6 | 323 | 1.00 | 323 | 131331.80 | 0.02886 | 41.56 | 33 | 5.5 | 1.36 | 0.39 | 554.82 | 612 | -17 |
| 4/7/21 12:45 | 4.7 | 15.6 | 421.5 | 512 | 1.00 | 512 | 215808.00 | 0.04742 | 68.29 | 48 | 5.4 | 2.12 | 0.60 | 863.47 | 732 | 10 |
| 4/7/21 15:25 | 4.4 | 16.2 | 418 | 512 | 1.00 | 512 | 214016.00 | 0.04703 | 67.72 | 55 | 4.8 | 1.88 | 0.53 | 767.53 | 828 | 14 |
| 4/8/21 7:35 | 4 | 17.1 | 425 | 512 | 1.00 | 512 | 217600.00 | 0.04782 | 68.86 | 102 | 3.9 | 1.53 | 0.43 | 623.62 | 1345 | 66 |
| 4/8/21 11:00 | 3.4 | 17.5 | 401.1 | 512 | 1.00 | 512 | 205363.20 | 0.04513 | 64.98 | 111 | 3.5 | 1.37 | 0.39 | 559.66 | 1433 | 86 |
| 4/8/21 12:00 | 3.4 | 17 | 398.1 | 560 | 1.00 | 560 | 222936.00 | 0.04899 | 70.54 | 114 | 4.0 | 1.71 | 0.49 | 699.57 | 1457 | 90 |
| 4/8/21 15:00 | 3.3 | 17.9 | 414.2 | 560 | 1.00 | 560 | 231952.00 | 0.05097 | 73.40 | 123 | 3.1 | 1.33 | 0.38 | 542.17 | 1544 | 92 |
| 4/15/21 9:00 | 3.5 | 17.7 | 421 | 560 | 1.00 | 560 | 235760.00 | 0.05181 | 74.60 | 627 | 3.3 | 1.41 | 0.40 | 577.15 | 5204 | 1106 |
| 4/21/21 13:00 | 3.4 | 17.5 | 408 | 560 | 0.73 | 408.8 | 166790.40 | 0.03665 | 52.78 | 952 | 3.5 | 1.09 | 0.31 | 446.85 | 8763 | 2076 |
| 4/28/21 11:00 | 1.4 | 19.9 | 340 | 550 | 1.00 | 550 | 187000.00 | 0.04109 | 59.17 | 1361 | 1.1 | 0.46 | 0.13 | 188.95 | 11854 | 2588 |
| 5/5/21 9:00 | 1.3 | 18.9 | 390 | 550 | 1.00 | 550 | 214500.00 | 0.04714 | 67.88 | 1831 | 2.1 | 0.88 | 0.25 | 360.72 | 13161 | 3276 |
| 5/5/21 15:45 | 1.3 | 18.9 | 418 | 550 | 1.00 | 550 | 229900.00 | 0.05052 | 72.75 | 1851 | 2.1 | 0.88 | 0.25 | 360.72 | 13262 | 3250 |
| 5/11/21 16:45 | 0.8 | 20.1 | 1200 | 560 | 0.98 | 548.8 | 658560.00 | 0.14472 | 208.39 | 3110 | 0.9 | 0.38 | 0.11 | 154.26 | 15441 | 2690 |
| 5/12/21 8:15 | 1.3 | 19.9 | 422 | 500 | 0.98 | 490 | 206780.00 | 0.04544 | 65.43 | 3153 | 1.1 | 0.41 | 0.12 | 168.33 | 15541 | 2696 |
| 5/12/21 15:00 | 1 | 20.2 | 2000 | 500 | 0.98 | 490 | 980000.00 | 0.21535 | 310.11 | 3240 | 0.8 | 0.30 | 0.09 | 122.42 | 15588 | 2716 |
| 5/13/21 9:00 | 1.3 | 19.8 | 431.8 | 457 | 0.98 | 447.86 | 193385.95 | 0.04250 | 61.19 | 3286 | 1.2 | 0.41 | 0.12 | 167.84 | 15680 | 2762 |
| 5/13/21 14:52 | 1 | 19.8 | 5000 | 457 | 0.98 | 447.86 | 2239300.00 | 0.49208 | 708.59 | 3459 | 1.2 | 0.41 | 0.12 | 167.84 | 15721 | 2774 |
| 5/14/21 8:30 | 1.1 | 19.9 | 5000 | 457 | 0.98 | 447.86 | 2239300.00 | 0.49208 | 708.59 | 3980 | 1.1 | 0.38 | 0.11 | 153.86 | 15844 | 2774 |
| 5/14/21 14:18 | 0.2 | 19.8 | 4852 | 457 | 0.98 | 447.86 | 2173016.72 | 0.47751 | 687.62 | 4146 | 1.2 | 0.41 | 0.12 | 167.84 | 15882 | 2782 |
| 5/18/21 9:00 | 1.9 | 17.4 | 1410 | 500 | 0.98 | 490 | 690900.00 | 0.15182 | 218.62 | 4972 | 3.6 | 1.35 | 0.38 | 550.91 | 16516 | 2274 |
| 5/18/21 12:52 | 1.2 | 18.7 | 1900 | 500 | 0.98 | 490 | 931000.00 | 0.20458 | 294.60 | 5019 | 2.3 | 0.86 | 0.24 | 351.97 | 16605 | 2242 |
| 5/18/21 15:30 | 1.2 | 19.5 | 2650 | 500 | 0.98 | 490 | 1298500.00 | 0.28534 | 410.89 | 5065 | 1.5 | 0.56 | 0.16 | 229.55 | 16643 | 2227 |
| 5/19/21 9:30 | 1.2 | 19.7 | 440 | 457 | 0.98 | 447.86 | 197058.40 | 0.04330 | 62.36 | 5111 | 1.3 | 0.45 | 0.13 | 181.83 | 16815 | 2220 |
| 5/19/21 13:10 | 0.9 | 20 | 4830 | 470 | 0.98 | 460.6 | 2224698.00 | 0.48887 | 703.97 | 5219 | 1.0 | 0.35 | 0.10 | 143.85 | 16843 | 2223 |
| 5/19/21 16:15 | 0.8 | 19.9 | 390 | 485 | 0.98 | 475.3 | 185367.00 | 0.04073 | 58.66 | 5226 | 1.1 | 0.40 | 0.11 | 163.28 | 16862 | 2225 |
| 5/20/21 9:30 | 1.4 | 19.6 | 455 | 500 | 0.98 | 490 | 222950.00 | 0.04899 | 70.55 | 5277 | 1.4 | 0.52 | 0.15 | 214.24 | 16979 | 2210 |
| 5/20/21 11:49 | 0.9 | 19.5 | 475 | 500 | 0.98 | 490 | 232750.00 | 0.05115 | 73.65 | 5284 | 1.5 | 0.56 | 0.16 | 229.55 | 17000 | 2214 |
| 5/26/21 11:02 | 1.2 | 19.3 | 415 | 460 | 0.93 | 427.8 | 177537.00 | 0.03901 | 56.18 | 5619 | 1.7 | 0.56 | 0.16 | 227.13 | 18370 | 1830 |
| 5/26/21 12:15 | 1.1 | 18.9 | 395 | 460 | 0.93 | 427.8 | 168981.00 | 0.03713 | 53.47 | 5622 | 2.1 | 0.69 | 0.19 | 280.57 | 18381 | 1828 |
| 5/26/21 14:01 | 0.9 | 19.4 | 418 | 530 | 0.93 | 492.9 | 206032.20 | 0.04527 | 65.20 | 5627 | 1.6 | 0.60 | 0.17 | 246.30 | 18402 | 1821 |
| 5/27/21 7:48 | 1.2 | 19.5 | 374.2 | 600 | 0.93 | 558 | 208803.60 | 0.04588 | 66.07 | 5676 | 1.5 | 0.64 | 0.18 | 261.40 | 18584 | 1761 |
| 5/27/21 11:20 | 1 | 19.2 | 379.1 | 600 | 0.93 | 558 | 211537.80 | 0.04648 | 66.94 | 5686 | 1.8 | 0.77 | 0.22 | 313.68 | 18623 | 1760 |
| 5/28/21 10:15 | 1.3 | 18.5 | 335 | 510 | 0.93 | 474.3 | 158890.50 | 0.03492 | 50.28 | 5734 | 2.5 | 0.91 | 0.26 | 370.32 | 18922 | 1660 |
| 5/28/21 11:30 | 1 | 18.7 | 421 | 510 | 0.93 | 474.3 | 199680.30 | 0.04388 | 63.19 | 5737 | 2.3 | 0.83 | 0.24 | 340.69 | 18942 | 1653 |
| 6/1/21 12:40 | 1.2 | 18.5 | 386.2 | 600 | 0.99 | 594 | 229402.80 | 0.05041 | 72.59 | 6031 | 2.5 | 1.14 | 0.32 | 463.78 | 20321 | 993 |
| 6/1/21 14:45 | 1 | 18.8 | 360.1 | 600 | 0.99 | 594 | 213899.40 | 0.04700 | 67.69 | 6037 | 2.2 | 1.00 | 0.28 | 408.12 | 20361 | 976 |
| 6/10/21 10:35 | 1.3 | 18 | 468.3 | 600 | 1.00 | 600 | 280980.00 | 0.06174 | 88.91 | 6822 | 3.0 | 1.38 | 0.39 | 562.16 | 23963 | -662 |
| 6/10/21 12:58 | 1.4 | 18.1 | 472.5 | 600 | 1.00 | 600 | 283500.00 | 0.06230 | 89.71 | 6831 | 2.9 | 1.33 | 0.38 | 543.42 | 24019 | -689 |
| 6/10/21 15:09 | 1 | 18.5 | 442.5 | 600 | 1.00 | 600 | 265500.00 | 0.05834 | 84.01 | 6838 | 2.5 | 1.15 | 0.33 | 468.46 | 24069 | -710 |
| 6/11/21 7:55 | 1.4 | 19.4 | 441 | 600 | 1.00 | 600 | 264600.00 | 0.05814 | 83.73 | 6897 | 1.6 | 0.73 | 0.21 | 299.82 | 24396 | -880 |
| 6/11/21 10:28 | 0.9 | 19.1 | 468 | 600 | 1.00 | 600 | 280800.00 | 0.06170 | 88.85 | 6906 | 1.9 | 0.87 | 0.25 | 356.03 | 24428 | -878 |
| 6/22/21 7:55 | 1.3 | 18.8 | 344.9 | 600 | 0.99 | 594 | 204870.60 | 0.04502 | 64.83 | 7612 | 2.2 | 1.00 | 0.28 | 408.12 | 28306 | -2552 |
| 6/25/21 8:45 | 1.6 | 16.6 | 354 | 510 | 0.99 | 504.9 | 178734.60 | 0.03928 | 56.56 | 7784 | 4.4 | 1.70 | 0.48 | 693.81 | 29545 | -2913 |
| 6/25/21 11:02 | 1 | 19.2 | 405 | 550 | 0.99 | 544.5 | 220522.50 | 0.04846 | 69.78 | 7791 | 1.8 | 0.75 | 0.21 | 306.09 | 29611 | -2950 |
| 6/28/21 11:00 | 1.1 | 18.4 | 422 | 600 | 0.99 | 594 | 250668.00 | 0.05508 | 79.32 | 8028 | 2.6 | 1.18 | 0.33 | 482.33 | 30529 | -3256 |
| 6/28/21 11:10 | 1.1 | 18.3 | 424 | 600 | 0.99 | 594 | 251856.00 | 0.05534 | 79.70 | 8029 | 2.7 | 1.23 | 0.35 | 500.88 | 30532 | -3258 |
| 6/28/21 13:50 | 1 | 18.4 | 415 | 600 | 0.99 | 594 | 246510.00 | 0.05417 | 78.00 | 8038 | 2.6 | 1.18 | 0.33 | 482.33 | 30588 | -3286 |

Appendix D.5. HSVE-01 Cumulative Mass Removed

SFPP Norwalk Pump Station, Norwalk, California

| Date | Operational Data | | | | | | VOC Mass Removal | | | | O2 Calculations | | | | | |
|-----------------|-----------------------------|----------------------------|---------------------------------|---------------------------------|------------------------|---------------------------|-----------------------------------|-----------------------------------|--------------------------------|--|------------------|---------------------------|---|--|---|----------------------|
| | SVE Influent Max of CO2 (%) | SVE Influent Max of O2 (%) | SVE Influent Max of VOCs (ppmv) | Max of SVE Influent Flow (scfm) | Operational Efficiency | Corrected SVE Flow (scfm) | Removal Rate (VOC ppm/ft3/minute) | VOC Mass Removal Rate (lb/minute) | VOC Mass Removal Rate (lb/day) | Cumulative Equivalent Mass Removed (lbs) | O2 Depletion (%) | O2 Depletion (lbs/minute) | Equivalent Mass Consumed by O2 (lbs/minute) | Equivalent Mass Consumed by O2 (lbs/day) | Cumulative Equivalent Mass Consumed by O2 (lbs) | Difference O2 vs CO2 |
| 7/23/21 8:00 | 1.3 | 19.7 | 421 | 600 | 0.74 | 444 | 186924.00 | 0.04108 | 59.15 | 9502 | 1.3 | 0.44 | 0.13 | 180.26 | 42529 | -9717 |
| 7/23/21 9:00 | 1.3 | 19.8 | 408 | 600 | 0.74 | 444 | 181152.00 | 0.03981 | 57.32 | 9504 | 1.2 | 0.41 | 0.12 | 166.40 | 42536 | -9716 |
| 8/6/21 9:25 | | 19.1 | 365 | 555 | 1.00 | 555 | 202575.00 | 0.04452 | 64.10 | 10403 | 1.9 | 0.81 | 0.23 | 329.33 | 44869 | -9016 |
| 8/31/21 7:45 | 0.9 | 19.6 | 52.1 | 450 | 0.70 | 315 | 16411.50 | 0.00361 | 5.19 | 10532 | 1.4 | 0.34 | 0.10 | 137.73 | 53079 | -17227 |
| 8/31/21 10:45 | 1.1 | 18.4 | 408 | 500 | 0.70 | 350 | 142800.00 | 0.03138 | 45.19 | 10538 | 2.6 | 0.70 | 0.20 | 284.20 | 53096 | -17231 |
| 9/1/21 7:45 | 1 | 19.5 | 195 | 450 | 0.68 | 306 | 59670.00 | 0.01311 | 18.88 | 10555 | 1.5 | 0.35 | 0.10 | 143.35 | 53345 | -17353 |
| 9/1/21 8:00 | 1.1 | 19.5 | 202 | 450 | 0.68 | 306 | 61812.00 | 0.01358 | 19.56 | 10555 | 1.5 | 0.35 | 0.10 | 143.35 | 53346 | -17353 |
| 9/9/21 9:05 | 1.1 | 19.5 | 208 | 500 | 0.69 | 345 | 71760.00 | 0.01577 | 22.71 | 10737 | 1.5 | 0.40 | 0.11 | 161.62 | 54500 | -17492 |
| 9/9/21 12:45 | 1.1 | 19.4 | 215 | 500 | 1.00 | 500 | 107500.00 | 0.02362 | 34.02 | 10743 | 1.6 | 0.61 | 0.17 | 249.85 | 54524 | -17495 |
| 9/16/21 11:00 | 1.6 | 19.3 | 238.9 | 550 | 1.00 | 550 | 131395.00 | 0.02887 | 41.58 | 11031 | 1.7 | 0.72 | 0.20 | 292.01 | 56255 | -17798 |
| 9/21/21 13:45 | 0.8 | 21 | 72.4 | 200 | 1.00 | 200 | 14480.00 | 0.00318 | 4.58 | 11054 | 0.0 | 0.00 | 0.00 | 0.00 | 57749 | -17605 |
| 9/21/21 14:45 | 0.8 | 19.4 | 1100 | 500 | 1.00 | 500 | 550000.00 | 0.12086 | 174.04 | 11061 | 1.6 | 0.61 | 0.17 | 249.85 | 57749 | -17603 |
| 9/21/21 14:55 | 1.2 | 19.6 | 1090 | 500 | 1.00 | 500 | 545000.00 | 0.11976 | 172.46 | 11063 | 1.4 | 0.54 | 0.15 | 218.62 | 57750 | -17603 |
| 9/30/21 16:30 | 0.6 | 20.1 | 1312 | 400 | 1.00 | 400 | 524800.00 | 0.11532 | 166.06 | 12568 | 0.9 | 0.28 | 0.08 | 112.43 | 59732 | -17547 |
| 10/1/21 8:55 | 0.6 | 19.6 | 1260 | 400 | 0.98 | 392 | 493920.00 | 0.10854 | 156.29 | 12675 | 1.4 | 0.42 | 0.12 | 171.39 | 59809 | -17562 |
| 10/7/21 11:05 | 0.2 | 20.7 | 382 | 460 | 1.00 | 460 | 175720.00 | 0.03861 | 55.60 | 13014 | 0.3 | 0.11 | 0.03 | 43.10 | 60853 | -18069 |
| 10/19/21 9:15 | 0.5 | 20.1 | 102 | 395 | 0.98 | 387.1 | 39484.20 | 0.00868 | 12.49 | 13163 | 0.9 | 0.27 | 0.08 | 108.81 | 61367 | -18172 |
| 10/19/21 14:25 | 0.9 | 19.7 | 326 | 427 | 0.63 | 269.01 | 87697.26 | 0.01927 | 27.75 | 13169 | 1.3 | 0.27 | 0.08 | 109.22 | 61390 | -18180 |
| 11/15/21 14:07 | 0.9 | 19.5 | 337 | 400 | 0.98 | 392 | 132104.00 | 0.02903 | 41.80 | 14297 | 1.5 | 0.45 | 0.13 | 183.64 | 64338 | -18679 |
| 12/9/21 11:52 | 0.6 | 19.2 | 153 | 395 | 1.00 | 395 | 60435.00 | 0.01328 | 19.12 | 14754 | 1.8 | 0.54 | 0.15 | 222.05 | 68728 | -19909 |
| 12/15/21 13:30 | 0.9 | 19.4 | 421 | 400 | 0.91 | 364 | 153244.00 | 0.03367 | 48.49 | 15048 | 1.6 | 0.45 | 0.13 | 181.89 | 70075 | -20718 |
| 12/17/21 14:30 | 0.5 | 19.9 | 102 | 450 | 0.91 | 409.5 | 41769.00 | 0.00918 | 13.22 | 15075 | 1.1 | 0.34 | 0.10 | 140.68 | 70447 | -20838 |
| 12/23/21 7:45 | 0.9 | 19.9 | 260 | 360 | 0.78 | 280.8 | 73008.00 | 0.01604 | 23.10 | 15207 | 1.1 | 0.24 | 0.07 | 96.47 | 71251 | -21204 |
| 12/30/21 7:55 | 0.8 | 19.8 | 272 | 400 | 1.00 | 400 | 108800.00 | 0.02391 | 34.43 | 15449 | 1.2 | 0.37 | 0.10 | 149.91 | 71927 | -21217 |
| 1/6/2022 12:52 | | 19.3 | 69.5 | 361 | 0.77 | 277.97 | 19318.92 | 0.00425 | 6.11 | 15493 | 1.7 | 0.36 | 0.10 | 147.58 | 73007 | -21433 |
| 1/13/2022 9:45 | 0.8 | 19.3 | 221 | 625 | 0.77 | 481.25 | 106356.25 | 0.02337 | 33.65 | 15724 | 1.7 | 0.63 | 0.18 | 255.51 | 74021 | -22447 |
| 1/20/2022 11:05 | | 19.1 | 238 | 395 | 0.77 | 304.15 | 72387.70 | 0.01591 | 22.91 | 15885 | 1.9 | 0.44 | 0.13 | 180.48 | 75824 | -23232 |
| 1/26/2022 9:20 | 1.1 | 19.7 | 188 | 375 | 0.77 | 288.75 | 54285.00 | 0.01193 | 17.18 | 15987 | 1.3 | 0.29 | 0.08 | 117.23 | 76894 | -24301 |
| 2/8/2022 8:55 | 0 | 18.4 | 250 | 395 | 0.97 | 383.15 | 95787.50 | 0.02105 | 30.31 | 16381 | 2.6 | 0.76 | 0.22 | 311.12 | 78416 | -24278 |
| 2/15/2022 11:15 | 1.3 | 19.2 | 320 | 395 | 0.97 | 383.15 | 122608.00 | 0.02694 | 38.80 | 16656 | 1.8 | 0.53 | 0.15 | 215.39 | 80624 | -26486 |
| 2/24/2022 11:20 | 1 | 19.1 | 204.9 | 450 | 0.97 | 436.5 | 89438.85 | 0.01965 | 28.30 | 16911 | 1.9 | 0.63 | 0.18 | 259.01 | 82563 | -26745 |
| 3/1/22 13:50 | 0.8 | 19 | 520 | 459 | 1.00 | 457.164 | 237725.28 | 0.05224 | 75.22 | 17295 | 2.1 | 0.73 | 0.21 | 299.83 | 83885 | -27232 |
| 3/3/22 10:30 | 0 | 19.8 | 226 | 457 | 1.00 | 455.172 | 102868.87 | 0.02261 | 32.55 | 17355 | 1.2 | 0.42 | 0.12 | 170.58 | 84443 | -27535 |
| 3/8/22 9:05 | 0 | 19.8 | 192 | 361 | 1.00 | 359.556 | 69034.75 | 0.01517 | 21.84 | 17463 | 1.2 | 0.33 | 0.09 | 134.75 | 85286 | -28378 |
| 3/24/22 8:55 | 0.3 | 19.8 | 198 | 610 | 1.00 | 607.56 | 120296.88 | 0.02643 | 38.07 | 18072 | 1.2 | 0.56 | 0.16 | 227.70 | 87441 | -30533 |

Appendix D.5. HSVE-01 Cumulative Mass Removed

SFPP Norwalk Pump Station, Norwalk, California

| Date | Biodegradation | | | | | | | Cumulative Mass Removed | Flow |
|---------------|-----------------------------|-----------------------------|--------------------------------------|---|--|--|--|-------------------------|------|
| | CO2 | | | C14 Correction Applied | | | | | |
| | CO2 Production (scf/minute) | CO2 Production (lbs/minute) | C14 Correction Factor Based on BaCO3 | Equivalent Mass Biodegraded by CO2 (lbs/minute C14 Corrected) | Equivalent Mass Biodegraded by CO2 (lbs/day C14 Corrected) | Cumulative Equivalent Mass Consumed by CO2 (lbs) | Total Biodegraded Mass (lbs) C14 Corrected | | |
| 4/6/21 12:25 | 19.38 | 2.38 | 0.65 | 0.50 | 726.18 | 0 | 0 | 0 | 0 |
| 4/6/21 16:00 | 20.03 | 2.46 | 0.65 | 0.52 | 750.38 | 108 | 112 | 118 | 0 |
| 4/7/21 7:35 | 18.09 | 2.22 | 0.65 | 0.47 | 677.77 | 596 | 552 | 585 | 0 |
| 4/7/21 12:45 | 24.06 | 2.95 | 0.65 | 0.63 | 901.69 | 742 | 746 | 794 | 0 |
| 4/7/21 15:25 | 22.53 | 2.76 | 0.65 | 0.59 | 844.13 | 842 | 840 | 895 | 0 |
| 4/8/21 7:35 | 20.48 | 2.51 | 0.65 | 0.53 | 767.40 | 1410 | 1357 | 1459 | 0 |
| 4/8/21 11:00 | 17.41 | 2.14 | 0.65 | 0.45 | 652.29 | 1520 | 1450 | 1561 | 0 |
| 4/8/21 12:00 | 19.04 | 2.34 | 0.65 | 0.50 | 713.44 | 1547 | 1480 | 1593 | 0 |
| 4/8/21 15:00 | 18.48 | 2.27 | 0.65 | 0.48 | 692.45 | 1636 | 1566 | 1689 | 0 |
| 4/15/21 9:00 | 19.60 | 2.40 | 0.65 | 0.51 | 734.42 | 6310 | 6523 | 7150 | 0 |
| 4/21/21 13:00 | 13.90 | 1.70 | 0.65 | 0.36 | 520.81 | 10839 | 9735 | 10687 | 0 |
| 4/28/21 11:00 | 7.70 | 0.94 | 0.65 | 0.20 | 288.52 | 14441 | 11731 | 13092 | 0 |
| 5/5/21 9:00 | 7.15 | 0.88 | 0.65 | 0.19 | 267.91 | 16437 | 13584 | 15415 | 0 |
| 5/5/21 15:45 | 7.15 | 0.88 | 0.65 | 0.19 | 267.91 | 16512 | 13659 | 15511 | 0 |
| 5/11/21 16:45 | 4.39 | 0.54 | 0.65 | 0.11 | 164.51 | 18131 | 14653 | 17763 | 45 |
| 5/12/21 8:15 | 6.37 | 0.78 | 0.65 | 0.17 | 238.69 | 18237 | 14807 | 17960 | 45 |
| 5/12/21 15:00 | 4.90 | 0.60 | 0.65 | 0.13 | 183.61 | 18304 | 14859 | 18099 | 100 |
| 5/13/21 9:00 | 5.82 | 0.71 | 0.65 | 0.15 | 218.16 | 18442 | 15022 | 18308 | 100 |
| 5/13/21 14:52 | 4.48 | 0.55 | 0.65 | 0.12 | 167.82 | 18495 | 15063 | 18522 | 100 |
| 5/14/21 8:30 | 4.93 | 0.60 | 0.65 | 0.13 | 184.60 | 18619 | 15199 | 19179 | 50 |
| 5/14/21 14:18 | 0.90 | 0.11 | 0.65 | 0.02 | 33.56 | 18663 | 15207 | 19353 | 50 |
| 5/18/21 9:00 | 9.31 | 1.14 | 0.65 | 0.24 | 348.85 | 18790 | 16526 | 21498 | 50 |
| 5/18/21 12:52 | 5.88 | 0.72 | 0.65 | 0.15 | 220.33 | 18846 | 16561 | 21581 | 50 |
| 5/18/21 15:30 | 5.88 | 0.72 | 0.65 | 0.15 | 220.33 | 18870 | 16585 | 21650 | 50 |
| 5/19/21 9:30 | 5.37 | 0.66 | 0.65 | 0.14 | 201.38 | 19036 | 16736 | 21848 | 50 |
| 5/19/21 13:10 | 4.15 | 0.51 | 0.65 | 0.11 | 155.33 | 19066 | 16760 | 21979 | 100 |
| 5/19/21 16:15 | 3.80 | 0.47 | 0.65 | 0.10 | 142.48 | 19086 | 16778 | 22005 | 100 |
| 5/20/21 9:30 | 6.86 | 0.84 | 0.65 | 0.18 | 257.05 | 19189 | 16963 | 22240 | 100 |
| 5/20/21 11:49 | 4.41 | 0.54 | 0.65 | 0.11 | 165.24 | 19214 | 16979 | 22263 | 100 |
| 5/26/21 11:02 | 5.13 | 0.63 | 0.65 | 0.13 | 192.36 | 20200 | 18127 | 23746 | 100 |
| 5/26/21 12:15 | 4.71 | 0.58 | 0.65 | 0.12 | 176.33 | 20209 | 18136 | 23758 | 150 |
| 5/26/21 14:01 | 4.44 | 0.54 | 0.65 | 0.12 | 166.22 | 20222 | 18148 | 23775 | 150 |
| 5/27/21 7:48 | 6.70 | 0.82 | 0.65 | 0.17 | 250.90 | 20346 | 18334 | 24010 | 150 |
| 5/27/21 11:20 | 5.58 | 0.68 | 0.65 | 0.15 | 209.09 | 20382 | 18365 | 24051 | 200 |
| 5/28/21 10:15 | 6.17 | 0.76 | 0.65 | 0.16 | 231.04 | 20582 | 18585 | 24319 | 100 |
| 5/28/21 11:30 | 4.74 | 0.58 | 0.65 | 0.12 | 177.72 | 20594 | 18595 | 24332 | 100 |
| 6/1/21 12:40 | 7.13 | 0.87 | 0.65 | 0.19 | 267.09 | 21314 | 19676 | 25707 | 100 |
| 6/1/21 14:45 | 5.94 | 0.73 | 0.65 | 0.15 | 222.57 | 21337 | 19695 | 25732 | 100 |
| 6/10/21 10:35 | 7.80 | 0.96 | 0.65 | 0.20 | 292.27 | 23301 | 22275 | 29097 | 200 |
| 6/10/21 12:58 | 8.40 | 1.03 | 0.65 | 0.22 | 314.75 | 23330 | 22306 | 29137 | 200 |
| 6/10/21 15:09 | 6.00 | 0.74 | 0.65 | 0.16 | 224.82 | 23359 | 22327 | 29165 | 200 |
| 6/11/21 7:55 | 8.40 | 1.03 | 0.65 | 0.22 | 314.75 | 23516 | 22547 | 29443 | 300 |
| 6/11/21 10:28 | 5.40 | 0.66 | 0.65 | 0.14 | 202.34 | 23550 | 22568 | 29474 | 300 |
| 6/22/21 7:55 | 7.72 | 0.95 | 0.65 | 0.20 | 289.35 | 25754 | 25720 | 33332 | 200 |
| 6/25/21 8:45 | 8.08 | 0.99 | 0.65 | 0.21 | 302.70 | 26632 | 26639 | 34423 | 250 |
| 6/25/21 11:02 | 5.45 | 0.67 | 0.65 | 0.14 | 204.03 | 26661 | 26658 | 34449 | 250 |
| 6/28/21 11:00 | 6.53 | 0.80 | 0.65 | 0.17 | 244.83 | 27273 | 27392 | 35421 | 250 |
| 6/28/21 11:10 | 6.53 | 0.80 | 0.65 | 0.17 | 244.83 | 27274 | 27394 | 35423 | 250 |
| 6/28/21 13:50 | 5.94 | 0.73 | 0.65 | 0.15 | 222.57 | 27301 | 27419 | 35456 | 250 |

Appendix D.5. HSVE-01 Cumulative Mass Removed

SFPP Norwalk Pump Station, Norwalk, California

| Date | Biodegradation | | | | | | | Cumulative Mass Removed | Flow |
|-----------------|-----------------------------|-----------------------------|--------------------------------------|---|--|--|--|-------------------------|------|
| | CO2 | | | C14 Correction Applied | | | | | |
| | CO2 Production (scf/minute) | CO2 Production (lbs/minute) | C14 Correction Factor Based on BaCO3 | Equivalent Mass Biodegraded by CO2 (lbs/minute C14 Corrected) | Equivalent Mass Biodegraded by CO2 (lbs/day C14 Corrected) | Cumulative Equivalent Mass Consumed by CO2 (lbs) | Total Biodegraded Mass (lbs) C14 Corrected | | |
| 7/23/21 8:00 | 5.77 | 0.71 | 0.65 | 0.15 | 216.28 | 32812 | 32773 | 42275 | 130 |
| 7/23/21 9:00 | 5.77 | 0.71 | 0.65 | 0.15 | 216.28 | 32821 | 32782 | 42287 | 130 |
| 8/6/21 9:25 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 35852 | 32782 | 43185 | 275 |
| 8/31/21 7:45 | 2.84 | 0.35 | 0.65 | 0.07 | 106.23 | 35852 | 35431 | 45963 | 200 |
| 8/31/21 10:45 | 3.85 | 0.47 | 0.65 | 0.10 | 144.26 | 35866 | 35449 | 45987 | 250 |
| 9/1/21 7:45 | 3.06 | 0.38 | 0.65 | 0.08 | 114.66 | 35992 | 35549 | 46104 | 250 |
| 9/1/21 8:00 | 3.37 | 0.41 | 0.65 | 0.09 | 126.13 | 35993 | 35550 | 46105 | 250 |
| 9/9/21 9:05 | 3.80 | 0.47 | 0.65 | 0.10 | 142.20 | 37008 | 36694 | 47432 | 150 |
| 9/9/21 12:45 | 5.50 | 0.67 | 0.65 | 0.14 | 206.09 | 37029 | 36726 | 47468 | 150 |
| 9/16/21 11:00 | 8.80 | 1.08 | 0.65 | 0.23 | 329.74 | 38457 | 39010 | 50041 | 275 |
| 9/21/21 13:45 | 1.60 | 0.20 | 0.65 | 0.04 | 59.95 | 40144 | 39316 | 50371 | 200 |
| 9/21/21 14:45 | 4.00 | 0.49 | 0.65 | 0.10 | 149.88 | 40146 | 39323 | 50384 | 200 |
| 9/21/21 14:55 | 6.00 | 0.74 | 0.65 | 0.16 | 224.82 | 40147 | 39324 | 50387 | 200 |
| 9/30/21 16:30 | 2.40 | 0.29 | 0.65 | 0.06 | 89.93 | 42185 | 40140 | 52708 | 250 |
| 10/1/21 8:55 | 2.35 | 0.29 | 0.65 | 0.06 | 88.13 | 42247 | 40200 | 52875 | 250 |
| 10/7/21 11:05 | 0.92 | 0.11 | 0.65 | 0.02 | 34.47 | 42784 | 40410 | 53424 | 260 |
| 10/19/21 9:15 | 1.94 | 0.24 | 0.65 | 0.05 | 72.52 | 43195 | 41275 | 54437 | 300 |
| 10/19/21 14:25 | 2.42 | 0.30 | 0.65 | 0.06 | 90.72 | 43210 | 41294 | 54463 | 200 |
| 11/15/21 14:07 | 3.53 | 0.43 | 0.65 | 0.09 | 132.20 | 45659 | 44862 | 59159 | 192 |
| 12/9/21 11:52 | 2.37 | 0.29 | 0.65 | 0.06 | 88.81 | 48819 | 46985 | 61739 | 280 |
| 12/15/21 13:30 | 3.28 | 0.40 | 0.65 | 0.09 | 122.75 | 49358 | 47730 | 62778 | 320 |
| 12/17/21 14:30 | 2.05 | 0.25 | 0.65 | 0.05 | 76.72 | 49608 | 47886 | 62961 | 250 |
| 12/23/21 7:45 | 2.53 | 0.31 | 0.65 | 0.07 | 94.70 | 50047 | 48428 | 63635 | 240 |
| 12/30/21 7:55 | 3.20 | 0.39 | 0.65 | 0.08 | 119.91 | 50711 | 49268 | 64716 | 245 |
| 1/6/2022 12:52 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 51575 | 49268 | 64761 | 0 |
| 1/13/2022 9:45 | 3.85 | 0.47 | 0.65 | 0.10 | 144.26 | 51575 | 50259 | 65983 | 0 |
| 1/20/2022 11:05 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 52593 | 50259 | 66144 | 147 |
| 1/26/2022 9:20 | 3.18 | 0.39 | 0.65 | 0.08 | 119.02 | 52593 | 50964 | 66952 | 172 |
| 2/8/2022 8:55 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 54138 | 50964 | 67345 | 245 |
| 2/15/2022 11:15 | 4.98 | 0.61 | 0.65 | 0.13 | 186.64 | 54138 | 52289 | 68945 | 313 |
| 2/24/2022 11:20 | 4.37 | 0.54 | 0.65 | 0.11 | 163.56 | 55818 | 53762 | 70673 | 250 |
| 3/1/22 13:50 | 3.66 | 0.45 | 0.65 | 0.10 | 137.04 | 56653 | 54461 | 71756 | 247 |
| 3/3/22 10:30 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 56908 | 54461 | 71817 | 215 |
| 3/8/22 9:05 | 0.00 | 0.00 | 0.65 | 0.00 | 0.00 | 56908 | 54461 | 71925 | 219 |
| 3/24/22 8:55 | 1.82 | 0.22 | 0.65 | 0.05 | 68.30 | 56908 | 55553 | 73626 | 189 |

Appendix E
Groundwater Technical Memorandum

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| | | | |
|-----------|---|--------------|--|
| Subject | First Quarter 2022 Groundwater Monitoring Event, SFPP Norwalk Pump Station, Norwalk, California | Project Name | SFPP Norwalk Pump Station, Norwalk, California |
| Attention | Court Reece/Kinder Morgan, Inc. | | |
| From | Malcolm Thomas/Jacobs Todd Kremmin, P.G. (MN)/ Jacobs | | |
| Date | April 15, 2022 | | |
| Copies to | File | | |

This technical memorandum (TM) provides information pertaining to the first quarter 2022 groundwater monitoring event at the SFPP, L.P. (SFPP) Norwalk Pump Station located within the Defense Fuel Support Point (DFSP) Norwalk, at 15306 Norwalk Boulevard, Norwalk, California (the site). This TM includes groundwater gauging and sampling data from selected wells located in the offsite/south-central area, south-central area, and southeastern area of the site. Monitoring activities were performed in accordance with comments received from the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) on the Biosparging Effectiveness Evaluation and Recommendations¹.

Beginning February 23, 2021, pump and treat remedial system activities were suspended, as detailed in Jacobs *Request for Approval to Temporarily Suspend Hydraulic Control in the Southeastern and Offsite/South-Central Areas, SFPP Norwalk Pump Station, Norwalk, California* submitted to the RWQCB electronically on January 8, 2021, and conditionally approved by the RWQCB via electronic mail on January 20, 2021. Limited groundwater monitoring is conducted in the first and third quarters each year to monitor dissolved phase trends following the temporary suspension of hydraulic control in the southeastern and south-central areas.

1. Field and Laboratory Activities

Groundwater levels were gauged and samples were collected by Blaine Tech Services (BTS) March 10, 2022. Water levels were measured in 13 wells (GMW-O-12 was not gauged due to an obstruction at the well-head). In total, 10 samples were collected from 13 wells. Monitoring wells GMW-23 and GMW-29 were not sampled due to the presence of LNAPL. Monitoring well MW-O-1 was not sampled because it was dry, and GMW-O-12 was not sampled due to an obstruction at the well-head. One duplicate sample was collected at GMW-28. Table 1 provides a summary of the monitoring well network.

¹ California Regional Water Quality Control Board, Los Angeles Region (RWQCB). 2020. Comments on the Biosparging Effectiveness Evaluation and Recommendations, South-Central Area (Report), 15306 Norwalk Boulevard, Norwalk (SLIC No. 0286A, DOD No. 16638). April 8.

Sampling was conducted using low-flow sampling methods, as described in Section 1.1. Tables 2 and 3 list the wells that were gauged and sampled during the first quarter 2022 event and provide the associated groundwater elevations and analytical results. Well gauging and sampling records for the quarterly event are provided in Attachment A.

1.1 Field Methods

BTS field technicians used an electronic oil-water interface probe to measure the depth to water, and if present, free product thickness in the monitored wells. Down-well field instruments used to gauge the wells were cleaned with a phosphate-free detergent and rinsed successively with distilled water before each use. Monitored groundwater wells were gauged prior to sampling.

Prior to sampling, each well was purged using low-flow purge techniques at a rate between 200 to 300 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 drawdown. Samples for SFPP were collected using a bladder pump. New tubing was used to sample each well. Well gauging and sampling records are provided in Attachment A.

Water samples were collected after groundwater field parameters stabilized (less than 10 percent change between successive measurements). Water samples to be analyzed for total petroleum hydrocarbons (TPH) quantified as gasoline (TPH-g), TPH quantified as diesel (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.

1.2 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 TM. 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 TM. A copy of the laboratory analytical report is presented in Attachment B.

2. Groundwater Gauging Results

Measurements of groundwater levels and free product thickness collected during the quarterly monitoring event are described in this section.

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 (0.80), 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 provided in Table 2. Groundwater elevation contours for the uppermost groundwater zone, along with estimated extent of free product, are shown on Figure 1. Historical groundwater level measurements, free product thicknesses, and groundwater elevations are presented in Attachment C.

2.1 Groundwater Flow Conditions

During the first quarter 2022 monitoring event, groundwater elevations used in contouring the potentiometric surface of the uppermost groundwater zone ranged from 38.38 feet (ft) above mean sea level (amsl) in MW-O-2 (located in the offsite/south-central area) to 49.37 ft amsl at GMW-36 (located within the southeastern area). Overall, groundwater elevations at wells gauged this monitoring event increased by an average of 2.25 feet when compared to the second semiannual 2021 monitoring event². The largest increase was observed at GMW-36 (10.66 feet), located in the offsite/south-central area of the site. Compared to the second quarter 2021 monitoring event, groundwater elevations at monitored groundwater wells this quarter increased an average of 0.21 foot, with the largest increase at GMW-36 (3.4 feet).

The estimated average horizontal hydraulic gradient during this event was approximately 0.042 foot per foot (ft/ft) north/northwest/northeast at the on and offsite/south-central portions and south-central portions of the terminal. The horizontal gradient in the southeastern portion of the terminal was approximately 0.023 ft/ft north/northeast. These gradient values are different to conditions observed during the first quarter 2021 and similar to conditions observed during the third quarter 2021 monitoring events. The gradient variation observed at the on and offsite/south-central area is likely due to the operation of the offsite/south-central horizontal soil vapor extraction well (HSVE-01) and horizontal biosparge well (BS-03) during the monitoring event. The gradient variation at the southeastern portion of the site is likely due to the operation of the horizontal biosparge well (BS-02) during the monitoring event.

2.2 Distribution of Free Product

During this quarterly monitoring event, measurable free product was observed in two wells gauged (GMW-23 and GMW-29), having a product thickness of 5.97 feet and 0.72 foot, respectively. Product thickness, well gauging data, and groundwater elevations from this sampling event are summarized in Table 2. The detection of free product at these wells during this monitoring event was used to update

² The Source Group, Inc. (SGI). 2022. Second Semiannual 2021 Groundwater Monitoring and Sampling Report, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California 90650. January 31.

and confirm the current extent of free product onsite in the south-central and offsite/south-central area. This interpretation is shown on Figure 1.

3. Groundwater Quality

The first quarter 2022 groundwater monitoring analytical results for TPH, benzene, toluene, ethylbenzene, and total xylenes (BTEX), 1,2-dichloroethane (1,2-DCA), methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (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. Field duplicate data is presented in Table 5. Lab quality assurance and quality control data is presented in Table 6. Historical analytical results for TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME are presented in Attachment D. Time series charts for select monitoring and remediation wells are presented in Attachment E. Copies of the laboratory reports for the third quarter monitoring event are presented in Attachment B.

The following subsections summarize the results for selected analytes or analyte groups for the first quarter 2022. Analytical results for wells sampled during the first quarter 2022 are compared to those sampled during the fourth quarter 2021. Statistics (general, Mann-Kendall, and Theil-Sen) are included for context in the overall conceptual site model for these particular wells. The statistical analysis was conducted using TPH-g, as all available data for TPH-g in relation to other analytes (benzene, toluene, MTBE, etc.) showed the strongest correlation compared to other detected samples over time, deeming it a useful indicator for all other contaminants of potential concern (COPCs) at the site. TPH-d is also a prevalent COPC at the site; however, it does not correlate well with more soluble COPCs, such as benzene, and overall is less of a remedial driver for the site. In addition to TPH-g, benzene was analyzed statistically and summarized in Attachment F. Trend analyses were performed at a confidence level of 0.95, where the number of values (n) exceeded three or more and was less than 50% non-detect.

3.1 Total Petroleum Hydrocarbons

TPH-g

Of the eight south-central and offsite/south-central wells sampled during the first quarter 2022 event, three had detections of TPH-g including GMW-O-11, GMW-O-23, and MW-O-2 (Table 3). All three of these wells with detections have reduced 90% or greater from their respective historical highs, observed in 2010 (GMW-O-11 and GMW-O-23) and 2016 (MW-O-2). All of these wells demonstrate either stable, decreasing, or no Mann-Kendall statistical trend for TPH-g (Attachment F). Several of these locations have approached the laboratory detection limit, including GMW-O-11, which has remained around 100 µg/L since August 2020. This well has had intermittent detections and non-detections, with recent detections the last two sampling events. GMW-O-23 has had similar intermittent detections and non-detections during the last few sampling events, remaining approximately 100 µg/L or less since 2018. MW-O-2 decreased from approximately 5,600 µg/L to 2,100 µg/L (63% reduction) when comparing fourth quarter 2021 and first quarter 2022 TPH-g results. The observed decreases, stability, and/or no trend during this quarter's sampling event indicate BS-03 and HSVE-01 providing effective remediation and improved subsurface conditions. The remaining six wells sampled for TPH-g in the south-central and offsite south-central area were non-detect this quarter.

Located in the southeastern area, monitoring well GMW-36, was non-detect this quarter. In addition, GMW-36 was non-detect for TPH-g during the fourth quarter 2021 (two consecutive sampling events). GMW-36 TPH-g concentrations have reduced approximately 99% since 2013. GMW-O-24, also located in the southeastern area, was non-detect for TPH-g this quarter.

TPH-d

Of the eight south-central and offsite/south-central wells sampled for TPH-d during the first quarter 2022 event, six had detectable concentrations of TPH-d including: GMW-10, GMW-O-11, GMW-O-20, GMW-O-21, GMW-O-23, and MW-O-2 (Table 3). TPH-d concentrations at GMW-10 have reduced from 4,500 µg/L to 2,900 µg/L (36% reduction) since the fourth quarter 2021, with a significant reduction of approximately 97% since the historical high in 2013. GMW-O-11 TPH-d concentrations have reduced from 1,100 µg/L to 440 µg/L (60% reduction) since the fourth quarter 2021, with a significant reduction of approximately 95% since the historical high in 2021. TPH-d concentrations at GMW-O-20 have increased slightly from 1,000 µg/L to 1,400 µg/L since the fourth quarter 2021 but have significantly reduced approximately 99% since the historical high in 2012. TPH-d concentrations at GMW-O-21 have reduced from 310 µg/L to 93 µg/L (70% reduction) since the fourth quarter 2021, with significant reduction of approximately 96% since the historical high in 2018. GMW-O-23 TPH-d concentrations have reduced from 140 µg/L to 91 µg/L (35% reduction) since the fourth quarter 2021, with a significant reduction of approximately 99% since the historical high in 2016. Finally, TPH-d concentrations at MW-O-2 have increased slightly from 1,500 µg/L to 5,700 µg/L since the fourth quarter 2021 but has significantly reduced in concentration by approximately 93% since the historical high in 2016. The remaining three wells in the south-central and offsite/south-central area were non-detect for TPH-d.

GMW-36, located in the southeastern area, had a detection of TPH-d of 97 µg/L during the first quarter 2022. In the fourth quarter 2021, GMW-36 was non-detect for TPH-d. TPH-d concentrations at GMW-36 have reduced approximately 99% since 2013. GMW-O-24, also located in the southeastern area was non-detect for TPH-d.

3.2 Benzene

Of the eight south-central and offsite/south-central wells sampled during the first quarter 2022 event, three had detections of benzene including GMW-O-11, GMW-O-20, and MW-O-2 (Table 3). Concentrations at all three wells have reduced 90% or greater from their respective historical highs, observed in 2010 (GMW-O-11 and GMW-O-20) and 2013 (MW-O-2). All demonstrate either decreasing or no Mann-Kendall statistical trend for benzene (Attachment F). GMW-O-11 has increased slightly from 2.4 µg/L to 43 µg/L in benzene concentration since the fourth quarter 2021 but has significantly reduced by approximately 98% since its historical high in 2010. GMW-O-20 has reduced from 1.5 µg/L to 0.69 µg/L (35% reduction) in benzene concentration since the fourth quarter 2021 and has significantly reduced by approximately 99% since its historical high in 2010. MW-O-2 has reduced from 2,500 µg/L to 890 µg/L (64% reduction) in benzene concentration since the fourth quarter 2021 and has significantly reduced by approximately 95% since its historical high in 2013.

Again, the observed decreases and/or no trend during this quarter's sampling event point towards BS-03 and HSVE-01 providing effective remediation and improved subsurface conditions, especially as it relates to the lighter end petroleum carbon-chain constituents (i.e., benzene). These observations indicate that

phase change of the remaining subsurface impacts in the dissolved phase is occurring. The remaining six wells sampled for benzene in the south-central and offsite south-central area were non-detect this quarter.

GMW-36, located in the southeastern area, was non-detect this quarter. In addition, it was non-detect for benzene in the fourth quarter 2021 (two consecutive sampling events). GMW-36 has reduced approximately 99% since 2002 in benzene concentration. GMW-O-24, also located in the southeastern area was non-detect for benzene this quarter.

3.3 1,2 Dichloroethane (1,2-DCA)

1,2-DCA was not detected above laboratory reporting limits in any of the ten wells sampled in the first quarter 2022 (Table 3).

3.4 Methyl Tertiary Butyl Ether (MTBE)

Of the eight south-central and offsite/south-central wells sampled during the first quarter 2022 event, four had detections of MTBE including GMW-O-11, GMW-O-20, GMW-O-23, and MW-O-2 (Table 3). All four have reduced 90% or greater from their respective historical highs, observed in 2010 (GMW-O-11 and GMW-O-23), 2014 (MW-O-2), and 2016 (GMW-O-20). GMW-O-11 has increased slightly from <0.50 µg/L to 0.93 µg/L in MTBE concentration since the fourth quarter 2021 but has significantly reduced approximately 99% since its historical high in 2010. GMW-O-20 has reduced from 9.9 µg/L to 1.8 µg/L (91% reduction) in MTBE concentration since the fourth quarter 2021 and has significantly reduced by approximately 96% since its historical high in 2016. GMW-O-23 concentration have reduced from 3.5 µg/L to 1.5 µg/L (57% reduction) since the fourth quarter 2021 and has significantly reduced approximately 99% since its historical high in 2010. Finally, MW-O-2 has reduced from 58 µg/L to 25 µg/L (57% reduction) in MTBE concentration since the fourth quarter 2021 and has significantly reduced approximately 97% since its historical high in 2014.

GMW-36, located in the southeastern area, was 1.2 µg/L this quarter, a slight increase from <0.50 µg/L in the fourth quarter 2021. GMW-36 has reduced approximately 99% since 2002 in MTBE concentration. GMW-O-24, also located in the southeastern area, was non-detect this quarter.

3.5 Tertiary Butyl Alcohol (TBA)

Of the eight south-central and offsite/south-central wells sampled during the first quarter 2022 event, three had detections of TBA including GMW-O-11, GMW-O-20, and MW-O-2 (Table 3). All four have reduced 53% or greater from their respective historical highs, observed in 2010 (GMW-O-11), 2014 (MW-O-2), and 2021 (GMW-O-20). GMW-O-11 has increased slightly from <10 µg/L to 24 µg/L in TBA concentration since the fourth quarter 2021 but has significantly reduced approximately 96% since its historical high in 2010. GMW-O-20 has reduced from 120 µg/L to 94 µg/L (22% reduction) in TBA concentration since the fourth quarter 2021 and has significantly reduced approximately 85% since its historical high in 2021. Finally, MW-O-2 has reduced from 1,500 µg/L to 980 µg/L (35% reduction) in TBA concentration since the fourth quarter 2021 and has significantly reduced approximately 53% since its historical high in 2014.

GMW-36, located in the southeastern area, was non-detect this quarter. In addition, it was non-detect for TBA in the fourth quarter 2021 (two consecutive sampling events). GMW-36 has reduced approximately 99% since 2010 in TBA concentration. GMW-O-24, also located in the southeastern area, was non-detect this quarter.

4. Data Quality Assurance/Quality Control

Data quality was evaluated by examining the holding times, laboratory method blanks, an EB, a TB, a FD, surrogate percent recoveries, laboratory control sample/laboratory control sample duplicates (LCS/LCSD) and matrix spike/matrix spike duplicate (MS/MSD) percent recoveries and relative percent differences (RPDs). Data quality review results for each analysis are outlined in the following subsections.

4.1 Analytical Data

The data quality evaluation report covers 10 normal environmental samples, one FD, one EB and one TB. Samples were collected March 10, 2022. Analyses were performed by Alpha Analytical, Inc. Environmental Lab in Sparks, Nevada (Alpha). The sample results were reported as one sample delivery group (SDG):

| Sample Delivery Group |
|-----------------------|
| 2203200 |

Two 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/methods:

| Parameter | Method |
|---|---------|
| VOCs | SW8260B |
| Total Petroleum Hydrocarbons - Diesel | SW8015C |
| Total Petroleum Hydrocarbons - Gasoline | SW8015C |

Data validation flags were assigned using guidance from the EPA National Functional Guidelines for Organic Superfund Methods Data Review (EPA, 2020). 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 below:

- J = Analyte was present, but the reported value may not be accurate or precise (estimated). The result was estimated because it was less than the referenced reporting limit, but greater than the method detection limit, or because a QC exceedance occurred.
- R = Data were unusable because of deficiencies in the ability to analyze the sample and meet QC criteria.
- U = Analyte was not detected at the specified detection limit.
- UJ = Analyte was not detected, and the specified detection limit may not be accurate or precise (estimated).

5. 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.

Field Duplicates

One FD set was collected and analyzed during this quarter. Comparison of the analytical results for the FD sample and the associated parent sample indicates that the RPD criteria of less than 30 percent were met for all compounds.

Surrogates

All surrogate recovery criteria were met.

Laboratory Control Samples

LCS/LCSDs were analyzed as required. All accuracy and precision criteria were met.

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 COC and received at the laboratory in good condition.

Overall Assessment

An overall evaluation of the data indicates that the sample handling, shipment, and analytical procedures have been adequately completed, and that the analytical results are considered usable taking into consideration possible biases as described above.

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 |

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) |
|---------------|-------------------|--------------|------------------------|--------------------------|----------------------------|--------------------|------------------------------|
| 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 |
| 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 |

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) |
|-------------|-------------------|--------------|------------------------|--------------------------|----------------------------|--------------------|------------------------------|
| 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 |
| 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 |

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-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 |
| 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 |

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-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 |
| 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 Quarter 2022 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) | Groundwater Elevation (feet amsl) |
|----------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-10 | 03/10/22 | 73.35 | --- | 33.27 | --- | 40.08 |
| GMW-23 | 03/10/22 | 74.85 | 33.92 | 39.89 | 5.97 | 39.74 |
| GMW-28 | 03/10/22 | 74.68 | --- | 34.63 | --- | 40.05 |
| GMW-29 | 03/10/22 | 77.57 | 34.81 | 35.53 | 0.72 | 42.62 |
| GMW-36 | 03/10/22 | 76.66 | --- | 27.29 | --- | 49.37 |
| GMW-O-11 | 03/10/22 | 74.17 | --- | 32.60 | --- | 41.57 |
| GMW-O-12 | 03/10/22 | 73.49 | --- | NM | --- | NM |
| GMW-O-14 | 03/10/22 | 74.08 | --- | 29.35 | --- | 44.73 |
| GMW-O-20 | 03/10/22 | 73.32 | --- | 32.34 | --- | 40.98 |
| GMW-O-21 | 03/10/22 | 71.43 | --- | 32.60 | --- | 38.83 |
| GMW-O-23 | 03/10/22 | 73.63 | --- | 33.58 | --- | 40.05 |
| GMW-O-24 | 03/10/22 | 74.39 | --- | 31.15 | --- | 43.24 |
| MW-O-1 | 03/10/22 | 75.48 | --- | DRY | --- | DRY |
| MW-O-2 | 03/10/22 | 71.90 | --- | 33.52 | --- | 38.38 |

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 Quarter 2022 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-10 | 03/10/22 | <200 | 2900 | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <20 | <2.0 | <2.0 | <2.0 |
| GMW-28 | 03/10/22 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-36 | 03/10/22 | <50 | 97 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-11 | 03/10/22 | 120 | 440 | 43 | 1.6 | <0.50 | 2.0 | <0.50 | 0.93 | 24 | <1.0 | <1.0 | <1.0 |
| GMW-O-14 | 03/10/22 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-20 | 03/10/22 | <100 | 1400 | 0.69 | <0.50 | <0.50 | <0.50 | <1.0 | 1.8 | 94 | 5.3 | <1.0 | <1.0 |
| GMW-O-21 | 03/10/22 | <50 | 93 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-23 | 03/10/22 | 75 | 91 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | 2.4 | <1.0 | <1.0 |
| GMW-O-24 | 03/10/22 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-O-2 | 03/10/22 | 2100 | 5700 | 890 | 6.7 | 38 | 8.2 | <5.0 | 25 | 980 | 13 | <5.0 | <5.0 |

Notes:

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

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

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

< = 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

**Table 4. Summary of Miscellaneous Compounds Detected in Groundwater Samples –
First Quarter 2022 Monitoring Event**

Defense Fuel Support Point, Norwalk, California

| Results reported in micrograms per liter (µg/L) | | | | | | |
|---|----------|------------------------|------------|---------|------------------|-----------------|
| Well | Date | 1,2,4-Trimethylbenzene | 2-Butanone | Acetone | Isopropylbenzene | n-Propylbenzene |
| GMW-O-23 | 03/10/22 | < 1.0 | 14 | 22 | < 1.0 | < 1.0 |
| MW-O-2 | 03/10/22 | 12 | < 100 | < 100 | 7.3 | 22 |

Note:

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

Table 5. Summary of Field Duplicate Results – First Quarter 2022 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-28 | 03/10/22 | <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-d = total purgeable petroleum hydrocarbons quantified using a diesel standard

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

Table 6. Summary of Quality Assurance/Quality Control Analytical Data – First Quarter 2022 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 |
| EB-1 | 03/10/22 | <50 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| TB-1 | 03/10/22 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |

Notes:

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

1,2-DCA = 1,2-dichloroethane

DIPE = di-isopropyl ether

ETBE = ethyl tertiary butyl ether

MTBE = methyl tertiary butyl ether

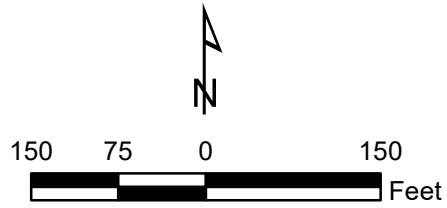
TAME = tertiary amyl methyl ether

TBA = tertiary butyl alcohol

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

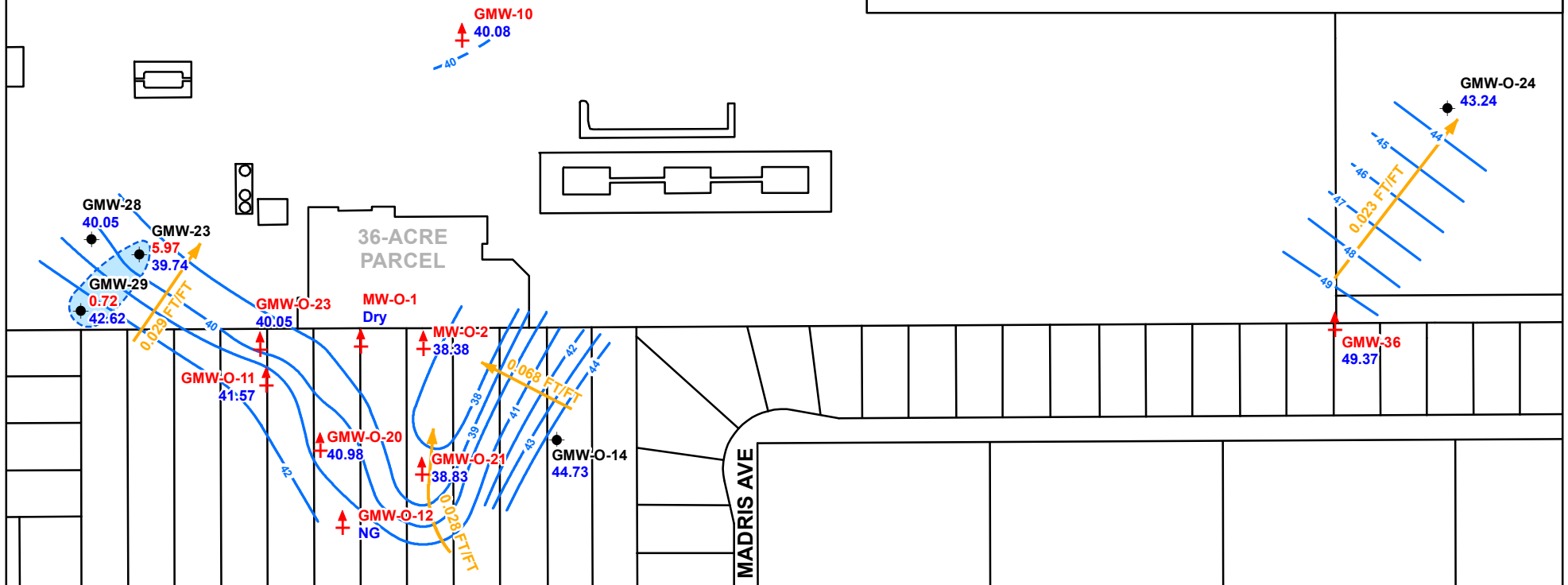
--- = not analyzed

Figure



Explanation

- GMW-O-14** ● Groundwater monitoring well
- GMW-O-12** † Vapor extraction, groundwater extraction, total fluids, or free product extraction well used for site remediation
- GMW-O-14** ● Groundwater monitoring well and groundwater elevation in feet above mean sea level (MSL)
44.73
- GMW-O-12** † Apparent thickness of free product measured in well (feet), groundwater elevations calculated by removing product head effect.
0.23
41.69
- 40 — Line of equal groundwater elevation in feet MSL; dashed where inferred
- Approximate direction of groundwater flow and estimated horizontal hydraulic gradient in foot/foot (ft/ft)
- Estimated extent of measurable light nonaqueous phase liquid (LNAPL, free product) on groundwater; dashed where inferred



FIRST QUARTER GROUNDWATER MONITORING MAP
March 2022

DEFENSE FUEL SUPPORT POINT NORWALK
Norwalk, California

By: Ann Espejo

Date: 3/2022

Project No: KMNW1H22

Jacobs

Figure 1

Attachment A
Field Forms

NORWALK WELL GAUGING DATA

TECHNICIAN: KT 3-10-22 DATE:

CLIENT KMET

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Last Events SPH Thickness | Depth to water (ft.) 1Q21 | Depth to water (ft.) 2Q21 | Depth to water (ft.) 3Q21 | Depth to water (ft.) 4Q21 | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|----------|-----------------|--------------|----------------------------------|--------------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------|----------------------|----------------------------|--------------------------|------|
| GMW-10 | 4 | | | | | 32.75 | 32.54 | 48.32 | 33.35 | 33.27 | 48.70 | | 0839 |
| GMW-23 | 4 | | 33.92 | | 3.83 | | 38.65 | | 38.57 | 39.89 | / | | 0910 |
| GMW-28 | 4 | | | | | 34.34 | 34.14 | 49.21 | 35.09 | 34.03 | 49.10 | | 0932 |
| GMW-29 | 4 | | 34.01 | | 0.45 | 34.65 | 34.53 | | 35.66 | 35.53 | / | | 0921 |
| GMW-36 | 4 | | | | | 35.18 | 30.69 | 30.47 | 37.95 | 27.29 | 48.08 | | 0750 |
| GMW-O-11 | 4 | | | | | 32.18 | 31.86 | 31.50 | 34.76 | 32.00 | 47.89 | | 1218 |
| GMW-O-12 | 4 | | | | 1.71 | 31.97 | 31.66 | | 34.89 | Compacted | | | 0800 |
| GMW-O-14 | 4 | | | | | 33.54 | 31.48 | 22.91 | 35.48 | 29.35 | 49.09 | | 1359 |
| GMW-O-20 | 4 | | | | | 31.99 | 32.67 | 31.06 | 34.90 | 32.34 | 37.00 | | 1141 |
| GMW-O-21 | 4 | | | | | 32.57 | 32.17 | 31.39 | 32.96 | 32.00 | 42.76 | | 1320 |
| GMW-O-23 | 4 | | | | | 33.19 | 32.91 | 32.50 | 33.75 | 33.58 | 38.15 | | 1108 |
| GMW-O-24 | 4 | | | | | 34.68 | 35.00 | 32.36 | 36.21 | 31.15 | 45.15 | | 1016 |
| MW-O-1 | 4 | | | | | 33.62 | DRY | DRY | DRY | DRY | 34.32 | | 0750 |
| MW-O-2 | 6 | | | | | 33.16 | 32.94 | 32.60 | 33.61 | 33.52 | 41.38 | | 1248 |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: <u>22030-KT1</u> | Client: KMEP |
| Sampler: <u>KT</u> | Start Date: <u>3.10.22</u> |
| Well I.D.: <u>GMW-10</u> | Well Diameter: 2 3 <u>(4)</u> 6 8 _____ |
| Total Well Depth: <u>48.70</u> | Depth to Water: Pre: <u>33.27</u> Post: <u>33.45</u> |
| Depth to Free Product: <u>-</u> | Thickness of Free Product (feet): <u>-</u> |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0845 Flow Rate: 200 mL/min Pump Depth: 43'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|--------|--------------------------------------|---------------------|----------------|-------------|--|----------------|
| 0848 | 22.0 | 7.35 ✓ | 493 | 46 | 2.14 | -108.6 | 600 | 33.42 |
| 0851 | 22.0 | 7.33 | 510 | 40 | 2.00 | -110.7 | 1200 | 33.45 |
| 0854 | 22.9 | 7.31 | 513 | 35 | 1.69 | -113.4 | 1800 | 33.45 |
| 0857 | 22.9 | 7.30 | 515 | 33 | 1.61 | -117.8 | 2400 | 33.45 |
| 0900 | 22.9 | 7.30 | 518 | 34 | 1.56 | -118.2 | 3000 | 33.45 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: <u>3000</u> |
| Sampling Time: <u>0901</u> | Sampling Date: <u>3.10.22</u> |
| Sample I.D.: <u>GMW-10</u> | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg TPHfp VOC's MTBE</u> | Other: <u>See COC</u> |
| Equipment Blank I.D.: _____ @ _____ Time | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 220310-KT1 | Client: KMEP |
| Sampler: KT | Start Date: 3.10.22 |
| Well I.D.: Gmw-28 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.10 | Depth to Water: Pre: 34.63 Post: 34.93 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0939 Flow Rate: 200 mL/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|-------------------|-----------------------------------|---------------------|----------------|-------------|--|----------------|
| 0942 | 22.0 | 7.33 ^v | 3776 | 11 | 1.33 | -15.9 | 600 | 34.89 |
| 0945 | 22.0 | 7.30 | 3771 | 10 | 1.28 | -18.4 | 1200 | 34.93 |
| 0948 | 22.1 | 7.29 | 3769 | 7 | 1.25 | -19.3 | 1800 | 34.93 |
| 0951 | 22.1 | 7.29 | 3768 | 6 | 1.21 | -19.7 | 2400 | 34.93 |
| 0954 | 22.1 | 7.29 | 3765 | 6 | 1.20 | -20.8 | 3000 | 34.93 |
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| Did well dewater? Yes <input type="checkbox"/> <u>No</u> <input checked="" type="checkbox"/> | Amount actually evacuated: 3000 |
| Sampling Time: 0955 | Sampling Date: 3.10.22 |
| Sample I.D.: Gmw-28 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: See COE |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: Dup-1 ex |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|--|--|
| Project #: 220310-KT1 | | Client: KMEP | |
| Sampler: KT | | Start Date: 3.10.22 | |
| Well I.D.: GMW-36 | | Well Diameter: 2 3 4 6 8 | |
| Total Well Depth: 18.66 | | Depth to Water: Pre: 27.29 Post: 27.34 | |
| Depth to Free Product: — | | Thickness of Free Product (feet): — | |
| Referenced to: <u>PVO</u> Grade | | Flow Cell Type: YSI 556 | |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0800 Flow Rate: ³⁰⁰/_{500 mL/min} Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. of mL) | Depth to water |
|------|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0803 | 26.8 | 7.01 | 1568 | 8 | 1.43 | 61.2 | 900 | 27.33 |
| 0806 | 26.9 | 7.04 | 1570 | 9 | 1.44 | 60.4 | 1800 | 27.34 |
| 0809 | 26.9 | 7.08 | 1572 | 7 | 1.43 | 63.9 | 2700 | 27.34 |
| 0812 | 27.2 | 7.04 | 1573 | 6 | 1.37 | 65.4 | 3600 | 27.34 |
| 0815 | 27.1 | 7.10 | 1575 | 5 | 1.30 | 67.3 | 4500 | 27.34 |
| 0818 | 27.1 | 7.10 | 1578 | 5 | 1.28 | 68.7 | 5400 | 27.34 |
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~~ESuction on~~
(Suction ON DURING Purge)

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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 5400 |
| Sampling Time: 0819 | Sampling Date: 3.10.22 |
| Sample I.D.: GMW-36 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: <u>220310-KT1</u> | Client: KMEP |
| Sampler: <u>K7</u> | Start Date: <u>3.10.22</u> |
| Well I.D.: <u>Gmw-0-11</u> | Well Diameter: 2 3 <u>(4)</u> 6 8 _____ |
| Total Well Depth: <u>47.89</u> | Depth to Water: Pre: <u>32.60</u> Post: <u>32.86</u> |
| Depth to Free Product: <u>—</u> | Thickness of Free Product (feet): <u>—</u> |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump ~~Bladder Pump~~
 Sampling Method: Dedicated Tubing ~~New Tubing~~ Other _____
 Start Purge Time: 1223 Flow Rate: 200 mL/MIN Pump Depth: 42

| Time | Temp. (C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|--------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1226 | 24.9 | 7.13 | 1803 | 63 | 1.95 | -168.3 | 600 | 32.83 |
| 1229 | 25.0 | 7.10 | 1936 | 54 | 1.87 | -170.3 | 1200 | 32.85 |
| 1232 | 25.3 | 7.10 | 1987 | 49 | 1.63 | -171.6 | 1800 | 32.86 |
| 1235 | 25.4 | 7.09 | 2010 | 44 | 1.49 | -174.5 | 2400 | 32.86 |
| 1238 | 25.4 | 7.08 | 2019 | 43 | 1.42 | -176.0 | 3000 | 32.86 |
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| Did well dewater? Yes <u>(No)</u> | Amount actually evacuated: <u>3000</u> |
| Sampling Time: <u>1239</u> | Sampling Date: <u>3.10.22</u> |
| Sample I.D.: <u>Gmw-0-11</u> | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg TPHfp VOC's MTBE</u> | Other: <u>See L.O.C</u> |
| Equipment Blank I.D.: _____ @ _____ Time | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------|--|
| Project #: 220310-KT1 | Client: KMEP |
| Sampler: VT | Start Date: 3.10.22 |
| Well I.D.: GMW-0-14 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 49.99 | Depth to Water: Pre: 29.35 Post: 29.56 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1407 Flow Rate: 200 mL/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1410 | 24.6 | 7.09 | 2501 | 20 | 1.29 | -131.9 | 600 | 29.51 |
| 1413 | 24.8 | 7.05 | 2507 | 22 | 1.22 | -134.8 | 1200 | 29.53 |
| 1416 | 24.8 | 7.04 | 2503 | 18 | 1.16 | -140.4 | 1800 | 29.56 |
| 1419 | 24.9 | 7.04 | 2500 | 17 | 1.10 | -142.8 | 2400 | 29.56 |
| 1422 | 24.9 | 7.04 | 2550 | 15 | 1.08 | -143.5 | 3000 | 29.56 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3000 |
| Sampling Time: 1423 | Sampling Date: 3.10.22 |
| Sample I.D.: GMW-0-14 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 220310K91 | Client: KMEP |
| Sampler: <u>KT</u> | Start Date: 3.10.22 |
| Well I.D.: <u>Gmw-0-20</u> | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 37.00 | Depth to Water: Pre: 32.34 Post: 32.40 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1149 Flow Rate: 200 mL MIN Pump Depth: 35'

| Time | Temp. (C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|--------------------|------|-----------------------------------|---------------------|----------------|-------------|--|----------------|
| 1152 | 25.8 | 7.03 | 2439 | 34 | 1.83 | -163.9 | 600 | 32.40 |
| 1155 | 26.4 | 7.00 | 2422 | 30 | 1.54 | -166.9 | 1200 | 32.40 |
| 1158 | 26.6 | 7.00 | 2418 | 26 | 1.38 | -169.3 | 1800 | 32.40 |
| 1201 | 26.7 | 6.98 | 2411 | 24 | 1.30 | -171.6 | 2400 | 32.40 |
| 1204 | 26.7 | 6.98 | 2409 | 25 | 1.24 | -173.5 | 3000 | 32.40 |
| 1207 | 26.7 | 6.97 | 2410 | 23 | 1.19 | -175.8 | 3600 | 32.40 |
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| Did well dewater? Yes <u>No</u> | Amount actually evacuated: 3600 |
| Sampling Time: 1208 | Sampling Date: 3.10.22 |
| Sample I.D.: <u>Gmw-0-20</u> | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: <u>See C.O.R</u> |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 220310-KT | Client: KMEP |
| Sampler: KT | Start Date: 3.10.22 |
| Well I.D.: GMW-0-21 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 42.76 | Depth to Water: Pre: 32.60 Post: 32.71 |
| Depth to Free Product: - | Thickness of Free Product (feet): - |
| Referenced to: <u>PVE</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1325 Flow Rate: 200 ml/min Pump Depth: 38"

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|-------------------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1328 | 24.0 | 7.23 ^m | 1684 | 14 | 0.81 | -86.9 | 600 | 32.67 |
| 1331 | 24.3 | 7.20 | 1803 | 12 | 0.78 | -88.4 | 1200 | 32.70 |
| 1334 | 24.6 | 7.18 | 1829 | 10 | 0.75 | -92.6 | 1800 | 32.71 |
| 1337 | 24.9 | 7.18 | 1844 | 9 | 0.74 | -95.3 | 2400 | 32.71 |
| 1340 | 24.8 | 7.18 | 1849 | 9 | 0.74 | -96.8 | 3000 | 32.71 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3000 |
| Sampling Time: 1341 | Sampling Date: 3.10.22 |
| Sample I.D.: GMW-0-21 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: See C.O.C |
| Equipment Blank I.D.: EB-1 @ Time 1353 | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: <u>220310-KT7</u> | Client: KMEP |
| Sampler: <u>KT</u> | Start Date: <u>3.10.22</u> |
| Well I.D.: <u>Gmw-0-23</u> | Well Diameter: 2 3 <u>4</u> 6 8 _____ |
| Total Well Depth: <u>38.15</u> | Depth to Water: Pre: <u>33.50</u> Post: <u>33.64</u> |
| Depth to Free Product: <u>-</u> | Thickness of Free Product (feet): <u>-</u> |
| Referenced to: <u>PVG</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1114 Flow Rate: 200 ml/min Pump Depth: 30.5

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1117 | 24.7 | 7.08 | 2271 | 20 | 1.24 | -93.6 | 600 | 33.63 |
| 1120 | 25.3 | 7.05 | 2278 | 23 | 1.21 | -97.5 | 1200 | 33.64 |
| 1123 | 25.6 | 7.04 | 2281 | 18 | 1.07 | -100.3 | 1800 | 33.64 |
| 1126 | 25.7 | 7.04 | 2276 | 15 | 1.04 | -102.5 | 2400 | 33.64 |
| 1129 | 25.8 | 7.04 | 2279 | 14 | 1.00 | -104.6 | 3000 | 33.64 |
| 1132 | 25.9 | 7.04 | 2278 | 14 | 1.00 | -105.7 | 3600 | 33.64 |
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| Did well dewater? Yes <u>No</u> | Amount actually evacuated: <u>3600</u> |
| Sampling Time: <u>1133</u> | Sampling Date: <u>3.10.22</u> |
| Sample I.D.: <u>Gmw-0-23</u> | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg TPHfp VOC's MTBE</u> | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: _____ @ _____ Time | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|----------------------------|--|
| Project #: 220310-KT1 | Client: KMEP |
| Sampler: KT | Start Date: 3-10-22 |
| Well I.D.: GMW-0-24 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 45.15 | Depth to Water: Pre: 31.15 Post: 31.27 |
| Depth to Free Product: — | Thickness of Free Product (feet): — |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1024 Flow Rate: 300 mL / MIN Pump Depth: 43

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1027 | 19.8 | 7.18 | 2575 | 18 | 1.81 | -114.3 | 900 | 31.24 |
| 1030 | 20.3 | 7.15 | 2589 | 17 | 1.89 | -118.7 | 1300 | 31.27 |
| 1033 | 20.4 | 7.14 | 2593 | 15 | 1.84 | -121.6 | 2700 | 31.27 |
| 1036 | 20.7 | 7.12 | 2597 | 12 | 1.59 | -123.5 | 3000 | 31.27 |
| 1039 | 20.8 | 7.10 | 2599 | 10 | 1.54 | -125.5 | 4500 | 31.27 |
| 1042 | 20.9 | 7.10 | 2599 | 10 | 1.51 | -125.9 | 5400 | 31.27 |
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Did well dewater? Yes No Amount actually evacuated: 5400

Sampling Time: 1043 Sampling Date: 3-10-22

Sample I.D.: GMW-0-24 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See C.O.C.

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------|---|
| Project #: 220310-K57 | Client: KMEP |
| Sampler: K5 | Start Date: 3.10.22 |
| Well I.D.: MW-0-2 | Well Diameter: 2 3 4 <u>6</u> 8 |
| Total Well Depth: 41.38 | Depth to Water: Pre: 33.52 Post: <u>33.60</u> |
| Depth to Free Product: - | Thickness of Free Product (feet): - |
| Referenced to: PVO Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1255 Flow Rate: 200 mL/MIN Pump Depth: 39'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------------|---------------------|----------------|-------------|--|----------------|
| 1258 | 24.1 | 6.80 | 2011 | 34 | 1.09 | -63.9 | 600 | 33.60 |
| 1301 | 24.2 | 6.69 | 1986 | 30 | 0.91 | -70.4 | 1200 | 33.60 |
| 1304 | 24.2 | 6.93 | 1978 | 27 | 0.84 | -73.8 | 1800 | 33.60 |
| 1307 | 24.2 | 6.95 | 1970 | 26 | 0.79 | -75.6 | 2400 | 33.60 |
| 1310 | 24.3 | 6.96 | 1965 | 24 | 0.75 | -77.8 | 3000 | 33.60 |
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|-------------------------------------|---------------------------------|
| Did well dewater? Yes <u>No</u> | Amount actually evacuated: 3000 |
| Sampling Time: 1311 | Sampling Date: 3.10.22 |
| Sample I.D.: MW-0-2 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC / of

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Eric Davis
 Jacobs
 2600 Michelson Drive
 Suite 500
 Irvine, CA 92612

CHAIN OF CUSTODY

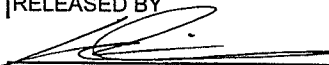
CLIENT
 Kinder Morgan

SITE
 DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | TPHg, TPHd (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | | | | | | | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # | |
|-------------|---------|------|-----------|------------|--------------|------------------------|--------------------------------|---|--|--|--|--|--|--|--|-------------------|--------|-----------|--------------|------|
| | | | AQ= Water | # | Preservation | | | | | | | | | | | | | | | Type |
| TB-1 | 3.10.22 | 0700 | A&W | (2) 2 | HCL | VOAS | | | | | | | | | | | | | | |
| Gmw-36 | | 0809 | | 6 | | | X | X | | | | | | | | | | | | |
| Gmw-10 | | 0901 | | | | | X | X | | | | | | | | | | | | |
| Gmw-26 | | 0955 | | | | | X | X | | | | | | | | | | | | |
| Dup-1 | | — | | | | | X | X | | | | | | | | | | | | |
| Gmw-0-24 | | 1043 | | | | | X | X | | | | | | | | | | | | |
| Gmw-0-23 | | 1133 | | | | | X | X | | | | | | | | | | | | |
| Gmw-0-20 | | 1208 | | | | | X | X | | | | | | | | | | | | |
| Gmw-0-11 | | 1239 | | | | | X | X | | | | | | | | | | | | |
| mw-0-2 | | 1311 | | | | | X | X | | | | | | | | | | | | |

SAMPLING DATE | TIME | SAMPLING PERFORMED BY | RESULTS NEEDED NO LATER THAN

3.10.22 | 1530 | Kevin Thompson | Standard

RELEASED BY  | TIME 1530 | RECEIVED BY | DATE | TIME

RELEASED BY | TIME | RECEIVED BY | DATE | TIME

RELEASED BY | TIME | RECEIVED BY | DATE | TIME

SHIPPED VIA | TIME SENT | COOLER #

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 2 of 2

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Eric Davis
 Jacobs
 2600 Michelson Drive
 Suite 500
 Irvine, CA 92612

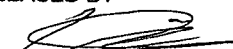
CHAIN OF CUSTODY

CLIENT
 Kinder Morgan

SITE
 DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | | TPHg, TPHd (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | | | | | | | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|-----------|------------|--------------|-------|------------------------|--------------------------------|--|--|--|--|--|--|--|--|-------------------|--------|-----------|--------------|
| | | | AQ= Water | # | Preservation | Type | | | | | | | | | | | | | | |
| Gmw-0-21 | 3.10.22 | 1341 | AQ | 6 | HCL | Noras | X | X | | | | | | | | | | | | |
| EB-1 | | 1353 | | | | | X | X | | | | | | | | | | | | |
| Gmw-0-14 | | 1423 | | | | | X | X | | | | | | | | | | | | |
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SAMPLING COMPLETED DATE 3.10.22 TIME 1530 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

RELEASED BY  TIME 1530 RECEIVED BY [] DATE [] TIME []

RELEASED BY [] TIME [] RECEIVED BY [] DATE [] TIME []

RELEASED BY [] TIME [] RECEIVED BY [] DATE [] TIME []

SHIPPED VIA [] TIME SENT [] COOLER # []

**Attachment 7.3-1
 Well Inspection Checklist**

WELL INSPECTION CHECKLIST

Site - City, County, State

| WELL NAME | AS-BUILT TOTAL DEPTH (TD) | ACCESS UNOBSTRUCTED? (Y/N) | WELL EASILY VISIBLE? (Y/N) | VAULT, WELL, OR CASING CLEARLY LABELED? (Y/N) | WELL, VAULT, PAD, OR CASING FREE OF VISIBLE DAMAGE, SCOUR, OR SETTLING? (Y/N) | WELL SECURED PROPERLY WITH WATER-TIGHT WELL CAP AND LOCK? (Y/N) | WELL VAULT DRY AND FREE OF DEBRIS? (Y/N) | TD CONSISTENT WITH AS-BUILT TD? (Y/N) | COMMENTS |
|-------------------|---------------------------|----------------------------|----------------------------|---|---|---|--|---------------------------------------|----------|
| GMW-10 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-10 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-23 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-28 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-29 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-36 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-1 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-12 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-14 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-20 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-21 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-23 | | Y | Y | Y | Y | Y | Y | Y | |
| GMW-0-24 | | Y | Y | Y | Y | Y | Y | Y | |
| MW-0-1 | | Y | Y | Y | Y | Y | Y | Y | |
| MW-0-2 | | Y | Y | Y | Y | Y | Y | Y | |
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Performed by: KY

Date Performed: 3-10-22

Attachment B
Laboratory Analytical Reports



Alpha Analytical, Inc.
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

March 21, 2022

Eric Davis
CH2M Hill
1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL:
FAX:

RE: DFSP Norwalk

Order No.: CHH2203200

Dear Eric Davis:

The result of this report apply to the sample(s) as received.

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink that reads "Randy Gardner". The signature is written in a cursive, flowing style.

Randy Gardner
Laboratory Director
255 Glendale Ave, #21
Sparks, Nevada 89431



Alpha Analytical, Inc.
 255 Glendale Ave, #21
 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406
 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-01 **Matrix:** AQUEOUS
Client Sample ID: TB-1

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|------|------|-------|---------------|------------------|
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



Alpha Analytical, Inc.
 255 Glendale Ave, #21
 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406
 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-01 **Matrix:** AQUEOUS
Client Sample ID: TB-1

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 92 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



Alpha Analytical, Inc.
 255 Glendale Ave, #21
 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406
 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 8:19:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-36

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 0.097 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 97 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 92 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | 1.2 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 8:19:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-36

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 92 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 9:01:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-03 **Matrix:** AQUEOUS
Client Sample ID: GMW-10

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 2.9 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 96 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.20 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 96 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |

NOTES:

Reporting Limit(s) increased due to sample foaming.

| | | | | | | |
|-----------------------------------|----|-----|--|------|-----------|------------------|
| Dichlorodifluoromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 40 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 200 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 40 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |

CLIENT: CH2M Hill

Collection Date: 3/10/2022 9:01:00 AM

Project: DFSP Norwalk

Lab ID: 2203200-03

Matrix: AQUEOUS

Client Sample ID: GMW-10

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 2-Hexanone | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromoethane (EDB) | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 12 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 8.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 96 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |

NOTES:

Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 9:55:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-28

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | ND | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 90 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 98 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 95 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 9:55:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-28

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 98 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 95 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill

Collection Date: 3/10/2022

Project: DFSP Norwalk

Lab ID: 2203200-05

Matrix: AQUEOUS

Client Sample ID: DUP-1

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | ND | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 89 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 100 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 94 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill

Collection Date: 3/10/2022

Project: DFSP Norwalk

Lab ID: 2203200-05

Matrix: AQUEOUS

Client Sample ID: DUP-1

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 100 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 94 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 10:43:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-06 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-24

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | ND | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 93 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 101 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 93 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 10:43:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-06 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-24

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 101 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 93 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 11:33:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-23

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 0.091 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 89 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | 0.075 | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 103 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 104 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | 22 | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | 1.5 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | 14 | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | 2.4 | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 11:33:00 AM
Project: DFSP Norwalk
Lab ID: 2203200-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-23

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 103 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 104 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 12:08:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-08 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-20

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 1.4 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 95 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.10 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |

NOTES:

Reporting Limit(s) increased due to sample foaming.

| | | | | | | |
|-----------------------------------|------|------|--|------|-----------|------------------|
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 4.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 4.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | 94 | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | 1.8 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 100 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | 5.3 | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | 0.69 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 12:08:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-08 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-20

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 2-Hexanone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromoethane (EDB) | ND | 4.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 4.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 6.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 4.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 4.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 105 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |

NOTES:
 Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 12:39:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-11

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 0.44 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 93 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | 0.12 | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 106 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 98 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | 24 | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | 0.93 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | 43 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | 1.6 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200
 Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 12:39:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-11

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | 1.3 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | 2.0 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | 0.65 | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 106 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 98 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 1:11:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-10 **Matrix:** AQUEOUS
Client Sample ID: MW-O-2

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 5.7 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 95 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | 2.1 | 0.50 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 101 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 94 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 100 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | 980 | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 25 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | 25 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 500 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 100 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | 13 | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | 890 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 25 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | 6.7 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 1:11:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-10 **Matrix:** AQUEOUS
Client Sample ID: MW-O-2

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | 38 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | 4.6 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | 8.2 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | 3.6 | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | 7.3 | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | 22 | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | 12 | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 30 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | 52 | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 20 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 101 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 94 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |

NOTES:
 Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 1:41:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-11 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-21

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | 0.093 | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 87 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 98 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 1:41:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-11 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-21

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 98 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200
 Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 1:53:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-12 **Matrix:** AQUEOUS
Client Sample ID: EB-1

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | ND | 0.050 | | mg/L | 3/17/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 105 | 63-125 | | %Rec | 3/17/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 101 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2203200-12
Client Sample ID: EB-1

Collection Date: 3/10/2022 1:53:00 PM

Matrix: AQUEOUS

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 107 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 101 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill **Collection Date:** 3/10/2022 2:23:00 PM
Project: DFSP Norwalk
Lab ID: 2203200-13 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-14

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|-----------------------------------|--------|--------|------|-------|---------------|--------------------|
| TPH-E (DRO) | ND | 0.050 | | mg/L | 3/16/2022 | TPH-E by EPA 8015C |
| Surr: Nonane | 88 | 63-125 | | %Rec | 3/16/2022 | TPH-E by EPA 8015C |
| TPH-P (GRO) | ND | 0.050 | | mg/L | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | | %Rec | 3/15/2022 | TPH-P by EPA 8015C |
| Dichlorodifluoromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloromethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl chloride | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromomethane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichlorofluoromethane | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Acetone | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dichloromethane | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Freon-113 | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon disulfide | ND | 2.5 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Methyl tert-butyl ether (MTBE) | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Vinyl acetate | ND | 50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Butanone (MEK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Di-isopropyl Ether (DIPE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,2-Dichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chloroform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloroethane | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1-Dichloropropene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Carbon tetrachloride | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Benzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromomethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Trichloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromodichloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| cis-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| trans-1,3-Dichloropropene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2-Trichloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Toluene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichloropropane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Hexanone | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Dibromochloromethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |



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Analytical Report

WO#: CHH2203200

Report Date: 3/21/2022

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2203200-13
Client Sample ID: GMW-O-14

Collection Date: 3/10/2022 2:23:00 PM

Matrix: AQUEOUS

| Analyses | Result | RL | Qual | Units | Date Analyzed | Method |
|------------------------------------|--------|--------|------|-------|---------------|------------------|
| 1,2-Dibromoethane (EDB) | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Tetrachloroethene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,1,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Chlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Ethylbenzene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| m,p-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromoform | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Xylenes, Total | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Styrene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| o-Xylene | ND | 0.50 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,1,2,2-Tetrachloroethane | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichloropropane | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Isopropylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Bromobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Propylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 2-Chlorotoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3,5-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| tert-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trimethylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| sec-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,3-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,4-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 4-Isopropyltoluene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dichlorobenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| n-Butylbenzene | ND | 1.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,4-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Naphthalene | ND | 10 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| 1,2,3-Trichlorobenzene | ND | 2.0 | | µg/L | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 1,2-Dichloroethane-d4 | 97 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: Toluene-d8 | 106 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | | %Rec | 3/15/2022 | VOCs by EPA 8260 |



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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

| | | | |
|---------------------------------|------------------------|--------------------------|--------------------|
| Sample ID: MB-15702 | SampType: MBLK | TestCode: TPH/E_W | Units: mg/L |
| Client ID: PBW | Batch ID: 15702 | TestNo: SW8015 | SW8015 |
| Prep Date: 3/16/2022 | RunNo: 14588 | SeqNo: 419495 | |
| Analysis Date: 3/17/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|--------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| TPH-E (DRO) | ND | 0.05 | | | | | | | | | |
| Surr: Nonane | 0.14 | | 0.15 | | 96.0 | 63 | 125 | | | | |

| | | | |
|---------------------------------|------------------------|--------------------------|--------------------|
| Sample ID: LCS-15702 | SampType: LCS | TestCode: TPH/E_W | Units: mg/L |
| Client ID: LCSW | Batch ID: 15702 | TestNo: SW8015 | SW8015 |
| Prep Date: 3/16/2022 | RunNo: 14588 | SeqNo: 419496 | |
| Analysis Date: 3/17/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|--------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| TPH-E (DRO) | 2.5 | 0.05 | 2.5 | 0 | 100 | 89.6 | 123 | | | | |
| Surr: Nonane | 0.135 | | 0.15 | | 90.0 | 60 | 129 | | | | |

| | | | |
|----------------------------------|------------------------|--------------------------|--------------------|
| Sample ID: 2203200-12AMSD | SampType: MSD | TestCode: TPH/E_W | Units: mg/L |
| Client ID: EB-1MSD | Batch ID: 15702 | TestNo: SW8015 | SW8015 |
| Prep Date: 3/16/2022 | RunNo: 14588 | SeqNo: 419493 | |
| Analysis Date: 3/16/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|--------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| TPH-E (DRO) | 2.58 | 0.1 | 2.5 | 0 | 103 | 79 | 140 | 2.57 | 0.23 | 8 | |
| Surr: Nonane | 0.282 | | 0.3 | | 94.0 | 68.8 | 128 | 0.269 | 0 | 0 | |

| | | | |
|---------------------------------|------------------------|--------------------------|--------------------|
| Sample ID: 2203200-12AMS | SampType: MS | TestCode: TPH/E_W | Units: mg/L |
| Client ID: EB-1MS | Batch ID: 15702 | TestNo: SW8015 | SW8015 |
| Prep Date: 3/16/2022 | RunNo: 14588 | SeqNo: 419492 | |
| Analysis Date: 3/16/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|--------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| TPH-E (DRO) | 2.57 | 0.1 | 2.5 | 0 | 103 | 79 | 140 | | | | |
| Surr: Nonane | 0.269 | | 0.3 | | 89.7 | 68.8 | 128 | | | | |

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

| Sample ID: MB-15684 | SampType: MBLK | TestCode: TPH/P_W | Units: mg/L | | | | | | | | |
|---------------------------------|--------------------------|--------------------------|--------------------|-------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: PBW | Batch ID: A15684B | TestNo: SW8015 | | | | | | | | | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419089 | | | | | | | | | |
| Analysis Date: 3/15/2022 | | | | | | | | | | | |
| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| TPH-P (GRO) | ND | 0.05 | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0097 | | 0.01 | | 96.8 | 69.51 | 130.49 | | | | |
| Surr: Toluene-d8 | 0.011 | | 0.01 | | 107 | 69.51 | 130.49 | | | | |
| Surr: 4-Bromofluorobenzene | 0.01 | | 0.01 | | 100 | 69.51 | 130.49 | | | | |

| Sample ID: GLCS-15684 | SampType: GLCS | TestCode: TPH/P_W | Units: mg/L | | | | | | | | |
|---------------------------------|--------------------------|--------------------------|--------------------|-------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: BatchQC | Batch ID: A15684B | TestNo: SW8015 | | | | | | | | | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419088 | | | | | | | | | |
| Analysis Date: 3/15/2022 | | | | | | | | | | | |
| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| TPH-P (GRO) | 0.347 | 0.05 | 0.4 | 0 | 86.9 | 73.9 | 126 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.01 | | 0.01 | | 100 | 69.51 | 130.49 | | | | |
| Surr: Toluene-d8 | 0.0102 | | 0.01 | | 102 | 69.51 | 130.49 | | | | |
| Surr: 4-Bromofluorobenzene | 0.0093 | | 0.01 | | 93.0 | 69.51 | 130.49 | | | | |

| Sample ID: 2203200-12AGSD | SampType: GSD | TestCode: TPH/P_W | Units: mg/L | | | | | | | | |
|----------------------------------|--------------------------|--------------------------|--------------------|-------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: EB-1 | Batch ID: A15684B | TestNo: SW8015 | | | | | | | | | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419093 | | | | | | | | | |
| Analysis Date: 3/15/2022 | | | | | | | | | | | |
| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| TPH-P (GRO) | 1.75 | 0.25 | 2 | 0 | 87.3 | 60 | 125 | 1.69 | 3.5 | 28 | |
| Surr: 1,2-Dichloroethane-d4 | 0.0486 | | 0.05 | | 97.1 | 69.51 | 130.49 | 0.0486 | 0 | 0 | |
| Surr: Toluene-d8 | 0.0507 | | 0.05 | | 101 | 69.51 | 130.49 | 0.0511 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 0.0476 | | 0.05 | | 95.3 | 69.51 | 130.49 | 0.0479 | 0 | 0 | |

| Sample ID: 2203200-12AGS | SampType: GS | TestCode: TPH/P_W | Units: mg/L | | | | | | | | |
|---------------------------------|--------------------------|--------------------------|--------------------|-------------|------|----------|-----------|-------------|------|----------|------|
| Client ID: EB-1 | Batch ID: A15684B | TestNo: SW8015 | | | | | | | | | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419092 | | | | | | | | | |
| Analysis Date: 3/15/2022 | | | | | | | | | | | |
| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| TPH-P (GRO) | 1.69 | 0.25 | 2 | 0 | 84.3 | 60 | 125 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.0486 | | 0.05 | | 97.3 | 69.51 | 130.49 | | | | |
| Surr: Toluene-d8 | 0.0511 | | 0.05 | | 102 | 69.51 | 130.49 | | | | |
| Surr: 4-Bromofluorobenzene | 0.0479 | | 0.05 | | 95.7 | 69.51 | 130.49 | | | | |

Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

| | | | | | | | | | | | |
|---------------------------------|--------------------------|--------------------------|--------------------|-------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: 2203200-12AGS | SampType: GS | TestCode: TPH/P_W | Units: mg/L | | | | | | | | |
| Client ID: EB-1 | Batch ID: A15684B | TestNo: SW8015 | | | | | | | | | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419092 | | | | | | | | | |
| Analysis Date: 3/15/2022 | | | | | | | | | | | |
| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: MB-15684 | SampType: MBLK | TestCode: VOC_W | Units: µg/L |
| Client ID: PBW | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419070 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-----------------------------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Dichlorodifluoromethane | ND | 1 | | | | | | | | | |
| Chloromethane | ND | 2 | | | | | | | | | |
| Vinyl chloride | ND | 1 | | | | | | | | | |
| Chloroethane | ND | 1 | | | | | | | | | |
| Bromomethane | ND | 2 | | | | | | | | | |
| Trichlorofluoromethane | ND | 1 | | | | | | | | | |
| Acetone | ND | 10 | | | | | | | | | |
| 1,1-Dichloroethene | ND | 1 | | | | | | | | | |
| Tertiary Butyl Alcohol (TBA) | ND | 10 | | | | | | | | | |
| Dichloromethane | ND | 2 | | | | | | | | | |
| Freon-113 | ND | 1 | | | | | | | | | |
| Carbon disulfide | ND | 2.5 | | | | | | | | | |
| trans-1,2-Dichloroethene | ND | 1 | | | | | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.5 | | | | | | | | | |
| 1,1-Dichloroethane | ND | 1 | | | | | | | | | |
| Vinyl acetate | ND | 50 | | | | | | | | | |
| 2-Butanone (MEK) | ND | 10 | | | | | | | | | |
| Di-isopropyl Ether (DIPE) | ND | 1 | | | | | | | | | |
| cis-1,2-Dichloroethene | ND | 1 | | | | | | | | | |
| Bromochloromethane | ND | 1 | | | | | | | | | |
| Chloroform | ND | 1 | | | | | | | | | |
| Ethyl Tertiary Butyl Ether (ETBE) | ND | 1 | | | | | | | | | |
| 2,2-Dichloropropane | ND | 1 | | | | | | | | | |
| 1,2-Dichloroethane | ND | 1 | | | | | | | | | |
| 1,1,1-Trichloroethane | ND | 1 | | | | | | | | | |
| 1,1-Dichloropropene | ND | 1 | | | | | | | | | |
| Carbon tetrachloride | ND | 1 | | | | | | | | | |
| Benzene | ND | 0.5 | | | | | | | | | |
| Tertiary Amyl Methyl Ether (TAME) | ND | 1 | | | | | | | | | |
| Dibromomethane | ND | 1 | | | | | | | | | |
| 1,2-Dichloropropane | ND | 1 | | | | | | | | | |
| Trichloroethene | ND | 1 | | | | | | | | | |
| Bromodichloromethane | ND | 1 | | | | | | | | | |
| 4-Methyl-2-pentanone (MIBK) | ND | 2.5 | | | | | | | | | |
| cis-1,3-Dichloropropene | ND | 1 | | | | | | | | | |
| trans-1,3-Dichloropropene | ND | 1 | | | | | | | | | |
| 1,1,2-Trichloroethane | ND | 1 | | | | | | | | | |
| Toluene | ND | 0.5 | | | | | | | | | |
| 1,3-Dichloropropane | ND | 1 | | | | | | | | | |
| 2-Hexanone | ND | 5 | | | | | | | | | |

Qualifiers: B Analyte detected in the associated Method Blank
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 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: MB-15684 | SampType: MBLK | TestCode: VOC_W | Units: µg/L |
| Client ID: PBW | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419070 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|------------------------------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Dibromochloromethane | ND | 1 | | | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 2 | | | | | | | | | |
| Tetrachloroethene | ND | 1 | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | ND | 1 | | | | | | | | | |
| Chlorobenzene | ND | 1 | | | | | | | | | |
| Ethylbenzene | ND | 0.5 | | | | | | | | | |
| m,p-Xylene | ND | 0.5 | | | | | | | | | |
| Bromoform | ND | 1 | | | | | | | | | |
| Xylenes, Total | ND | 0.5 | | | | | | | | | |
| Styrene | ND | 1 | | | | | | | | | |
| o-Xylene | ND | 0.5 | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | 1 | | | | | | | | | |
| 1,2,3-Trichloropropane | ND | 2 | | | | | | | | | |
| Isopropylbenzene | ND | 1 | | | | | | | | | |
| Bromobenzene | ND | 1 | | | | | | | | | |
| n-Propylbenzene | ND | 1 | | | | | | | | | |
| 4-Chlorotoluene | ND | 1 | | | | | | | | | |
| 2-Chlorotoluene | ND | 1 | | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 1 | | | | | | | | | |
| tert-Butylbenzene | ND | 1 | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 1 | | | | | | | | | |
| sec-Butylbenzene | ND | 1 | | | | | | | | | |
| 1,3-Dichlorobenzene | ND | 1 | | | | | | | | | |
| 1,4-Dichlorobenzene | ND | 1 | | | | | | | | | |
| 4-Isopropyltoluene | ND | 1 | | | | | | | | | |
| 1,2-Dichlorobenzene | ND | 1 | | | | | | | | | |
| n-Butylbenzene | ND | 1 | | | | | | | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 3 | | | | | | | | | |
| 1,2,4-Trichlorobenzene | ND | 2 | | | | | | | | | |
| Naphthalene | ND | 2 | | | | | | | | | |
| 1,2,3-Trichlorobenzene | ND | 2 | | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.7 | | 10 | | 96.8 | 69.51 | 130.49 | | | | |
| Surr: Toluene-d8 | 11 | | 10 | | 107 | 69.51 | 130.49 | | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10 | | 100 | 69.51 | 130.49 | | | | |

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: LCS-15684 | SampType: LCS | TestCode: VOC_W | Units: µg/L |
| Client ID: LCSW | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419069 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-----------------------------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Dichlorodifluoromethane | 9.17 | 1 | 10 | 0 | 91.7 | 16.9 | 124 | | | | |
| Chloromethane | 8.21 | 2 | 10 | 0 | 82.1 | 25.9 | 136 | | | | |
| Vinyl chloride | 9.33 | 1 | 10 | 0 | 93.3 | 47.8 | 132 | | | | |
| Chloroethane | 12.8 | 1 | 10 | 0 | 128 | 62.3 | 169 | | | | |
| Bromomethane | 11.8 | 2 | 10 | 0 | 118 | 33.8 | 135 | | | | |
| Trichlorofluoromethane | 9.76 | 1 | 10 | 0 | 97.6 | 16.8 | 155 | | | | |
| Acetone | 222 | 10 | 200 | 0 | 111 | 72 | 124 | | | | |
| 1,1-Dichloroethene | 9.91 | 1 | 10 | 0 | 99.1 | 65.2 | 129 | | | | |
| Tertiary Butyl Alcohol (TBA) | 86.1 | 10 | 100 | 0 | 86.1 | 52.9 | 128.4 | | | | |
| Dichloromethane | 10.4 | 2 | 10 | 0 | 104 | 65.2 | 129 | | | | |
| Freon-113 | 10 | 1 | 10 | 0 | 100 | 52.4 | 143 | | | | |
| trans-1,2-Dichloroethene | 9.62 | 1 | 10 | 0 | 96.2 | 66.7 | 132 | | | | |
| Methyl tert-butyl ether (MTBE) | 8.86 | 0.5 | 10 | 0 | 88.6 | 52.9 | 125 | | | | |
| 1,1-Dichloroethane | 9.37 | 1 | 10 | 0 | 93.7 | 66.6 | 129 | | | | |
| 2-Butanone (MEK) | 160 | 10 | 200 | 0 | 80.0 | 63.7 | 120.4 | | | | |
| Di-isopropyl Ether (DIPE) | 9.44 | 1 | 10 | 0 | 94.4 | 63.6 | 131 | | | | |
| cis-1,2-Dichloroethene | 9.84 | 1 | 10 | 0 | 98.4 | 59.2 | 131 | | | | |
| Bromochloromethane | 9.44 | 1 | 10 | 0 | 94.4 | 65.9 | 121 | | | | |
| Chloroform | 9.42 | 1 | 10 | 0 | 94.2 | 56.5 | 149 | | | | |
| Ethyl Tertiary Butyl Ether (ETBE) | 10 | 1 | 10 | 0 | 100 | 44.6 | 136 | | | | |
| 2,2-Dichloropropane | 11.7 | 1 | 10 | 0 | 117 | 58.2 | 146 | | | | |
| 1,2-Dichloroethane | 9.06 | 1 | 10 | 0 | 90.6 | 73.4 | 120.4 | | | | |
| 1,1,1-Trichloroethane | 10.3 | 1 | 10 | 0 | 103 | 52.7 | 144 | | | | |
| 1,1-Dichloropropene | 10.4 | 1 | 10 | 0 | 104 | 85.6 | 131 | | | | |
| Carbon tetrachloride | 10.2 | 1 | 10 | 0 | 102 | 30.9 | 175 | | | | |
| Benzene | 9.53 | 0.5 | 10 | 0 | 95.3 | 79.5 | 120.4 | | | | |
| Tertiary Amyl Methyl Ether (TAME) | 9.59 | 1 | 10 | 0 | 95.9 | 52.4 | 141 | | | | |
| Dibromomethane | 8.74 | 1 | 10 | 0 | 87.4 | 78.5 | 120.4 | | | | |
| 1,2-Dichloropropane | 9.77 | 1 | 10 | 0 | 97.7 | 79.5 | 126 | | | | |
| Trichloroethene | 9.8 | 1 | 10 | 0 | 98.0 | 69 | 120.4 | | | | |
| Bromodichloromethane | 9.56 | 1 | 10 | 0 | 95.6 | 73.9 | 122 | | | | |
| 4-Methyl-2-pentanone (MIBK) | 19.7 | 2.5 | 25 | 0 | 78.7 | 66.4 | 122 | | | | |
| cis-1,3-Dichloropropene | 10.1 | 1 | 10 | 0 | 101 | 78.7 | 120.4 | | | | |
| trans-1,3-Dichloropropene | 10.5 | 1 | 10 | 0 | 105 | 70.2 | 120.4 | | | | |
| 1,1,2-Trichloroethane | 8.9 | 1 | 10 | 0 | 89.0 | 76.2 | 120.4 | | | | |
| Toluene | 9.45 | 0.5 | 10 | 0 | 94.5 | 79.7 | 126 | | | | |
| 1,3-Dichloropropane | 9.59 | 1 | 10 | 0 | 95.9 | 71.7 | 131 | | | | |
| 2-Hexanone | 99.2 | 5 | 100 | 0 | 99.2 | 52.9 | 152 | | | | |
| Dibromochloromethane | 9.84 | 1 | 10 | 0 | 98.4 | 79.5 | 120.4 | | | | |
| 1,2-Dibromoethane (EDB) | 18.7 | 2 | 20 | 0 | 93.6 | 76.4 | 120.4 | | | | |

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: LCS-15684 | SampType: LCS | TestCode: VOC_W | Units: µg/L |
| Client ID: LCSW | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419069 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|------------------------------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Tetrachloroethene | 9.97 | 1 | 10 | 0 | 99.7 | 64 | 123 | | | | |
| 1,1,1,2-Tetrachloroethane | 10.3 | 1 | 10 | 0 | 103 | 77.9 | 120.4 | | | | |
| Chlorobenzene | 9.59 | 1 | 10 | 0 | 95.9 | 70.9 | 120.4 | | | | |
| Ethylbenzene | 10.6 | 0.5 | 10 | 0 | 106 | 77.5 | 120.4 | | | | |
| m,p-Xylene | 11.1 | 0.5 | 10 | 0 | 111 | 74.8 | 120.4 | | | | |
| Bromoform | 10.2 | 1 | 10 | 0 | 102 | 51.3 | 120.4 | | | | |
| Xylenes, Total | 20.3 | 0.5 | 20 | 0 | 102 | 77.6 | 120.4 | | | | |
| Styrene | 10.5 | 1 | 10 | 0 | 105 | 71.9 | 120.4 | | | | |
| o-Xylene | 9.24 | 0.5 | 10 | 0 | 92.4 | 79.1 | 120.4 | | | | |
| 1,1,2,2-Tetrachloroethane | 8.95 | 1 | 10 | 0 | 89.5 | 55.6 | 138 | | | | |
| 1,2,3-Trichloropropane | 18.8 | 2 | 20 | 0 | 94.1 | 73.4 | 120.4 | | | | |
| Isopropylbenzene | 11.5 | 1 | 10 | 0 | 115 | 78.7 | 148 | | | | |
| Bromobenzene | 10.3 | 1 | 10 | 0 | 103 | 79.5 | 121 | | | | |
| n-Propylbenzene | 10.5 | 1 | 10 | 0 | 105 | 82.5 | 134 | | | | |
| 4-Chlorotoluene | 11.1 | 1 | 10 | 0 | 111 | 79.5 | 135 | | | | |
| 2-Chlorotoluene | 10.9 | 1 | 10 | 0 | 109 | 79.5 | 131 | | | | |
| 1,3,5-Trimethylbenzene | 11.5 | 1 | 10 | 0 | 115 | 79.5 | 135 | | | | |
| tert-Butylbenzene | 12 | 1 | 10 | 0 | 120 | 79.5 | 139 | | | | |
| 1,2,4-Trimethylbenzene | 11.3 | 1 | 10 | 0 | 112 | 79.5 | 138 | | | | |
| sec-Butylbenzene | 11.8 | 1 | 10 | 0 | 118 | 79.5 | 132 | | | | |
| 1,3-Dichlorobenzene | 10.5 | 1 | 10 | 0 | 105 | 79.5 | 125 | | | | |
| 1,4-Dichlorobenzene | 10.7 | 1 | 10 | 0 | 107 | 79.5 | 123 | | | | |
| 4-Isopropyltoluene | 11.7 | 1 | 10 | 0 | 117 | 79.5 | 130 | | | | |
| 1,2-Dichlorobenzene | 9.38 | 1 | 10 | 0 | 93.8 | 79.5 | 121 | | | | |
| n-Butylbenzene | 12 | 1 | 10 | 0 | 120 | 79.5 | 136 | | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 43.3 | 3 | 50 | 0 | 86.6 | 72.1 | 136 | | | | |
| 1,2,4-Trichlorobenzene | 8.85 | 2 | 10 | 0 | 88.5 | 73.3 | 126 | | | | |
| Naphthalene | 7.33 | 2 | 10 | 0 | 73.3 | 47.2 | 142 | | | | |
| 1,2,3-Trichlorobenzene | 7.54 | 2 | 10 | 0 | 75.4 | 67.4 | 130 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.99 | | 10 | | 99.9 | 69.51 | 130.5 | | | | |
| Surr: Toluene-d8 | 10.2 | | 10 | | 102 | 69.51 | 130.5 | | | | |
| Surr: 4-Bromofluorobenzene | 7.98 | | 10 | | 79.8 | 69.51 | 130.5 | | | | |

| | | | |
|----------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: 2203200-12AMSD | SampType: MSD | TestCode: VOC_W | Units: µg/L |
| Client ID: EB-1MSD | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419068 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
|---------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|----------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: 2203200-12AMSD | SampType: MSD | TestCode: VOC_W | Units: µg/L |
| Client ID: EB-1MSD | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419068 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-----------------------------------|--------|------|-----------|-------------|------|----------|-----------|-------------|-------|----------|------|
| Dichlorodifluoromethane | 47 | 5 | 50 | 0 | 94.1 | 5.1 | 155 | 48.4 | 2.8 | 38 | |
| Chloromethane | 44.2 | 10 | 50 | 0 | 88.5 | 37.7 | 121 | 45.1 | 1.9 | 22.5 | |
| Vinyl chloride | 49.9 | 5 | 50 | 0 | 99.7 | 60.4 | 140 | 50.9 | 2 | 23.9 | |
| Chloroethane | 74.4 | 5 | 50 | 0 | 149 | 43.1 | 206 | 81.2 | 8.7 | 22.9 | |
| Bromomethane | 53.5 | 10 | 50 | 0 | 107 | 12.6 | 168 | 47.9 | 11 | 48 | |
| Trichlorofluoromethane | 50 | 5 | 50 | 0 | 100 | 58.6 | 163 | 50.6 | 1.1 | 33.3 | |
| Acetone | 1160 | 50 | 1000 | 0 | 116 | 37.3 | 152 | 1110 | 4.2 | 50 | |
| 1,1-Dichloroethene | 50.7 | 5 | 50 | 0 | 101 | 69.8 | 158 | 50.8 | 0.14 | 21.7 | |
| Tertiary Butyl Alcohol (TBA) | 454 | 50 | 500 | 0 | 90.7 | 60.4 | 158 | 438 | 3.5 | 26.8 | |
| Dichloromethane | 54.2 | 10 | 50 | 0 | 108 | 71.7 | 132 | 54.1 | 0.15 | 20 | |
| Freon-113 | 51.3 | 5 | 50 | 0 | 103 | 52.1 | 166 | 53.1 | 3.5 | 25.9 | |
| trans-1,2-Dichloroethene | 48 | 5 | 50 | 0 | 95.9 | 72 | 136 | 48.5 | 1.2 | 19.2 | |
| Methyl tert-butyl ether (MTBE) | 44.3 | 2.5 | 50 | 0 | 88.7 | 54.8 | 155 | 44.5 | 0.41 | 21.4 | |
| 1,1-Dichloroethane | 47 | 5 | 50 | 0 | 94.1 | 76.9 | 140 | 47.4 | 0.7 | 18 | |
| 2-Butanone (MEK) | 763 | 50 | 1000 | 0 | 76.3 | 73.7 | 142 | 748 | 2 | 20.9 | |
| Di-isopropyl Ether (DIPE) | 49 | 5 | 50 | 0 | 98.1 | 74.8 | 136 | 49.4 | 0.79 | 18.2 | |
| cis-1,2-Dichloroethene | 48.3 | 5 | 50 | 0 | 96.6 | 73.9 | 133 | 48.5 | 0.43 | 20.1 | |
| Bromochloromethane | 45.2 | 5 | 50 | 0 | 90.4 | 75.8 | 132 | 44.6 | 1.2 | 23.5 | |
| Chloroform | 45.9 | 5 | 50 | 0 | 91.9 | 74.3 | 130 | 46 | 0.17 | 18 | |
| Ethyl Tertiary Butyl Ether (ETBE) | 49.9 | 5 | 50 | 0 | 99.9 | 74.8 | 138 | 50.3 | 0.82 | 20.3 | |
| 2,2-Dichloropropane | 51.6 | 5 | 50 | 0 | 103 | 53.9 | 146 | 52.5 | 1.8 | 52.3 | |
| 1,2-Dichloroethane | 44.4 | 5 | 50 | 0 | 88.7 | 72.6 | 144 | 44.5 | 0.27 | 17.1 | |
| 1,1,1-Trichloroethane | 49.7 | 5 | 50 | 0 | 99.4 | 70.2 | 138 | 50.2 | 1.1 | 22.2 | |
| 1,1-Dichloropropene | 51.6 | 5 | 50 | 0 | 103 | 69.7 | 146 | 52.3 | 1.4 | 29.6 | |
| Carbon tetrachloride | 49.2 | 5 | 50 | 0 | 98.4 | 58.2 | 141 | 49.8 | 1.2 | 31.9 | |
| Benzene | 46.8 | 2.5 | 50 | 0 | 93.5 | 67.8 | 140 | 47 | 0.47 | 18.1 | |
| Tertiary Amyl Methyl Ether (TAME) | 46.9 | 5 | 50 | 0 | 93.7 | 72.3 | 144 | 46.6 | 0.47 | 20.6 | |
| Dibromomethane | 41.7 | 5 | 50 | 0 | 83.4 | 75.2 | 144 | 42.4 | 1.5 | 19.5 | |
| 1,2-Dichloropropane | 47.9 | 5 | 50 | 0 | 95.8 | 75.3 | 144 | 48.3 | 0.81 | 19.7 | |
| Trichloroethene | 46.6 | 5 | 50 | 0 | 93.1 | 65.7 | 131 | 47.1 | 1.1 | 25.3 | |
| Bromodichloromethane | 46.3 | 5 | 50 | 0 | 92.5 | 70.2 | 141 | 45.8 | 1 | 20.5 | |
| 4-Methyl-2-pentanone (MIBK) | 98.7 | 12.5 | 125 | 0 | 79.0 | 57.9 | 143 | 97.9 | 0.84 | 21.3 | |
| cis-1,3-Dichloropropene | 41.2 | 5 | 50 | 0 | 82.3 | 56.9 | 132 | 41 | 0.29 | 25.8 | |
| trans-1,3-Dichloropropene | 49.8 | 5 | 50 | 0 | 99.7 | 72 | 131 | 50.3 | 0.9 | 26.4 | |
| 1,1,2-Trichloroethane | 43.6 | 5 | 50 | 0 | 87.3 | 74 | 130 | 43.7 | 0.069 | 21.9 | |
| Toluene | 44.7 | 2.5 | 50 | 0 | 89.4 | 67.2 | 131 | 45.4 | 1.5 | 18.3 | |
| 1,3-Dichloropropane | 46.6 | 5 | 50 | 0 | 93.2 | 74.2 | 124 | 47.1 | 1.1 | 21.7 | |
| 2-Hexanone | 503 | 25 | 500 | 0 | 101 | 66.7 | 135 | 500 | 0.61 | 20.9 | |
| Dibromochloromethane | 46.7 | 5 | 50 | 0 | 93.4 | 71.5 | 134 | 46.6 | 0.11 | 24.1 | |
| 1,2-Dibromoethane (EDB) | 89.5 | 10 | 100 | 0 | 89.6 | 74.7 | 129 | 90 | 0.49 | 23.1 | |

Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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 Sparks, Nevada 89431
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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|----------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: 2203200-12AMSD | SampType: MSD | TestCode: VOC_W | Units: µg/L |
| Client ID: EB-1MSD | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419068 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|------------------------------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Tetrachloroethene | 46.7 | 5 | 50 | 0 | 93.4 | 45.9 | 138 | 46.9 | 0.47 | 30.9 | |
| 1,1,1,2-Tetrachloroethane | 49.6 | 5 | 50 | 0 | 99.3 | 75.7 | 125 | 49.7 | 0.14 | 22.6 | |
| Chlorobenzene | 46.3 | 5 | 50 | 0 | 92.6 | 73.7 | 120 | 46.8 | 1.2 | 23.1 | |
| Ethylbenzene | 51.3 | 2.5 | 50 | 0 | 103 | 70.3 | 122 | 52.2 | 1.7 | 25.3 | |
| m,p-Xylene | 52.9 | 2.5 | 50 | 0 | 106 | 52.9 | 136 | 54.5 | 3.1 | 26.6 | |
| Bromoform | 47.4 | 5 | 50 | 0 | 94.7 | 61.5 | 141 | 47.8 | 0.99 | 25 | |
| Xylenes, Total | 96.8 | 2.5 | 100 | 0 | 96.8 | 61 | 131 | 99.3 | 2.5 | 25.6 | |
| Styrene | 49.9 | 5 | 50 | 0 | 99.7 | 74 | 130 | 50.4 | 1.1 | 26 | |
| o-Xylene | 43.9 | 2.5 | 50 | 0 | 87.9 | 67.3 | 129 | 44.8 | 1.9 | 25 | |
| 1,1,2,2-Tetrachloroethane | 45.8 | 5 | 50 | 0 | 91.6 | 62.4 | 153 | 45.6 | 0.39 | 24.6 | |
| 1,2,3-Trichloropropane | 97.9 | 10 | 100 | 0 | 97.9 | 37.4 | 171 | 97.7 | 0.22 | 50 | |
| Isopropylbenzene | 54.3 | 5 | 50 | 0 | 109 | 63 | 132 | 55.6 | 2.3 | 33.1 | |
| Bromobenzene | 48 | 5 | 50 | 0 | 96.0 | 65.1 | 120 | 48.4 | 0.83 | 23.6 | |
| n-Propylbenzene | 52.6 | 5 | 50 | 0 | 105 | 58.2 | 128 | 53.5 | 1.7 | 32.4 | |
| 4-Chlorotoluene | 56 | 5 | 50 | 0 | 112 | 63.9 | 127 | 56.6 | 1.1 | 29.1 | |
| 2-Chlorotoluene | 54.5 | 5 | 50 | 0 | 109 | 63.2 | 126 | 55.3 | 1.4 | 28.9 | |
| 1,3,5-Trimethylbenzene | 57.7 | 5 | 50 | 0 | 115 | 63.8 | 138 | 59.1 | 2.3 | 31.9 | |
| tert-Butylbenzene | 60.3 | 5 | 50 | 0 | 121 | 59.7 | 128 | 61.2 | 1.5 | 36.2 | |
| 1,2,4-Trimethylbenzene | 56.7 | 5 | 50 | 0 | 113 | 65.1 | 135 | 58.2 | 2.6 | 28.8 | |
| sec-Butylbenzene | 59.1 | 5 | 50 | 0 | 118 | 55.5 | 128 | 61 | 3.1 | 40.9 | |
| 1,3-Dichlorobenzene | 51.9 | 5 | 50 | 0 | 104 | 64.5 | 122 | 52.2 | 0.54 | 28.6 | |
| 1,4-Dichlorobenzene | 52.5 | 5 | 50 | 0 | 105 | 63.7 | 121 | 52.9 | 0.76 | 27.7 | |
| 4-Isopropyltoluene | 59 | 5 | 50 | 0 | 118 | 58 | 135 | 59.8 | 1.3 | 40.4 | |
| 1,2-Dichlorobenzene | 46.3 | 5 | 50 | 0 | 92.6 | 66.7 | 122 | 46.2 | 0.15 | 24.5 | |
| n-Butylbenzene | 60.2 | 5 | 50 | 0 | 120 | 52.7 | 139 | 61.1 | 1.5 | 43.5 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 219 | 15 | 250 | 0 | 87.5 | 59.1 | 143 | 217 | 1 | 24.9 | |
| 1,2,4-Trichlorobenzene | 44.7 | 10 | 50 | 0 | 89.4 | 47.1 | 139 | 43 | 3.8 | 35 | |
| Naphthalene | 38.2 | 10 | 50 | 0 | 76.3 | 31.6 | 164 | 38.4 | 0.68 | 50 | |
| 1,2,3-Trichlorobenzene | 40.2 | 10 | 50 | 0 | 80.4 | 17.7 | 171 | 36.5 | 9.5 | 57 | |
| Surr: 1,2-Dichloroethane-d4 | 49 | | 50 | | 98.1 | 69.51 | 130.49 | 48.6 | 0 | 0 | |
| Surr: Toluene-d8 | 50.4 | | 50 | | 101 | 69.51 | 130.49 | 51 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 41.3 | | 50 | | 82.7 | 69.51 | 130.49 | 41.6 | 0 | 0 | |

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: 2203200-12AMS | SampType: MS | TestCode: VOC_W | Units: µg/L |
| Client ID: EB-1MS | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419067 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|---------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
|---------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|

Qualifiers:
 B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: 2203200-12AMS | SampType: MS | TestCode: VOC_W | Units: µg/L |
| Client ID: EB-1MS | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419067 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|-----------------------------------|--------|------|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Dichlorodifluoromethane | 48.4 | 5 | 50 | 0 | 96.8 | 5.1 | 155 | | | | |
| Chloromethane | 45.1 | 10 | 50 | 0 | 90.2 | 37.7 | 121 | | | | |
| Vinyl chloride | 50.9 | 5 | 50 | 0 | 102 | 60.4 | 140 | | | | |
| Chloroethane | 81.2 | 5 | 50 | 0 | 162 | 43.1 | 206 | | | | |
| Bromomethane | 47.9 | 10 | 50 | 0 | 95.8 | 12.6 | 168 | | | | |
| Trichlorofluoromethane | 50.6 | 5 | 50 | 0 | 101 | 58.6 | 163 | | | | |
| Acetone | 1110 | 50 | 1000 | 0 | 111 | 37.3 | 152 | | | | |
| 1,1-Dichloroethene | 50.8 | 5 | 50 | 0 | 102 | 69.8 | 158 | | | | |
| Tertiary Butyl Alcohol (TBA) | 438 | 50 | 500 | 0 | 87.6 | 60.4 | 158 | | | | |
| Dichloromethane | 54.1 | 10 | 50 | 0 | 108 | 71.7 | 132 | | | | |
| Freon-113 | 53.1 | 5 | 50 | 0 | 106 | 52.1 | 166 | | | | |
| trans-1,2-Dichloroethene | 48.5 | 5 | 50 | 0 | 97.1 | 72 | 136 | | | | |
| Methyl tert-butyl ether (MTBE) | 44.5 | 2.5 | 50 | 0 | 89.1 | 54.8 | 155 | | | | |
| 1,1-Dichloroethane | 47.4 | 5 | 50 | 0 | 94.8 | 76.9 | 140 | | | | |
| 2-Butanone (MEK) | 748 | 50 | 1000 | 0 | 74.8 | 73.7 | 142 | | | | |
| Di-isopropyl Ether (DIPE) | 49.4 | 5 | 50 | 0 | 98.9 | 74.8 | 136 | | | | |
| cis-1,2-Dichloroethene | 48.5 | 5 | 50 | 0 | 97.0 | 73.9 | 133 | | | | |
| Bromochloromethane | 44.6 | 5 | 50 | 0 | 89.3 | 75.8 | 132 | | | | |
| Chloroform | 46 | 5 | 50 | 0 | 92.0 | 74.3 | 130 | | | | |
| Ethyl Tertiary Butyl Ether (ETBE) | 50.3 | 5 | 50 | 0 | 101 | 74.8 | 138 | | | | |
| 2,2-Dichloropropane | 52.5 | 5 | 50 | 0 | 105 | 53.9 | 146 | | | | |
| 1,2-Dichloroethane | 44.5 | 5 | 50 | 0 | 89.0 | 72.6 | 144 | | | | |
| 1,1,1-Trichloroethane | 50.2 | 5 | 50 | 0 | 100 | 70.2 | 138 | | | | |
| 1,1-Dichloropropene | 52.3 | 5 | 50 | 0 | 105 | 69.7 | 146 | | | | |
| Carbon tetrachloride | 49.8 | 5 | 50 | 0 | 99.6 | 58.2 | 141 | | | | |
| Benzene | 47 | 2.5 | 50 | 0 | 94.0 | 67.8 | 140 | | | | |
| Tertiary Amyl Methyl Ether (TAME) | 46.6 | 5 | 50 | 0 | 93.3 | 72.3 | 144 | | | | |
| Dibromomethane | 42.4 | 5 | 50 | 0 | 84.7 | 75.2 | 144 | | | | |
| 1,2-Dichloropropane | 48.3 | 5 | 50 | 0 | 96.6 | 75.3 | 144 | | | | |
| Trichloroethene | 47.1 | 5 | 50 | 0 | 94.2 | 65.7 | 131 | | | | |
| Bromodichloromethane | 45.8 | 5 | 50 | 0 | 91.6 | 70.2 | 141 | | | | |
| 4-Methyl-2-pentanone (MIBK) | 97.9 | 12.5 | 125 | 0 | 78.3 | 57.9 | 143 | | | | |
| cis-1,3-Dichloropropene | 41 | 5 | 50 | 0 | 82.1 | 56.9 | 132 | | | | |
| trans-1,3-Dichloropropene | 50.3 | 5 | 50 | 0 | 101 | 72 | 131 | | | | |
| 1,1,2-Trichloroethane | 43.7 | 5 | 50 | 0 | 87.3 | 74 | 130 | | | | |
| Toluene | 45.4 | 2.5 | 50 | 0 | 90.8 | 67.2 | 131 | | | | |
| 1,3-Dichloropropane | 47.1 | 5 | 50 | 0 | 94.2 | 74.2 | 124 | | | | |
| 2-Hexanone | 500 | 25 | 500 | 0 | 99.9 | 66.7 | 135 | | | | |
| Dibromochloromethane | 46.6 | 5 | 50 | 0 | 93.3 | 71.5 | 134 | | | | |
| 1,2-Dibromoethane (EDB) | 90 | 10 | 100 | 0 | 90.0 | 74.7 | 129 | | | | |

Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



Alpha Analytical, Inc.
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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 2203200

21-Mar-22

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

| | | | |
|---------------------------------|-------------------------|------------------------|--------------------|
| Sample ID: 2203200-12AMS | SampType: MS | TestCode: VOC_W | Units: µg/L |
| Client ID: EB-1MS | Batch ID: A15684 | TestNo: SW8260C | |
| Prep Date: 3/15/2022 | RunNo: 14577 | SeqNo: 419067 | |
| Analysis Date: 3/15/2022 | | | |

| Analyte | Result | PQL | SPK Value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
|------------------------------------|--------|-----|-----------|-------------|------|----------|-----------|-------------|------|----------|------|
| Tetrachloroethene | 46.9 | 5 | 50 | 0 | 93.9 | 45.9 | 138 | | | | |
| 1,1,1,2-Tetrachloroethane | 49.7 | 5 | 50 | 0 | 99.4 | 75.7 | 125 | | | | |
| Chlorobenzene | 46.8 | 5 | 50 | 0 | 93.7 | 73.7 | 120 | | | | |
| Ethylbenzene | 52.2 | 2.5 | 50 | 0 | 104 | 70.3 | 122 | | | | |
| m,p-Xylene | 54.5 | 2.5 | 50 | 0 | 109 | 52.9 | 136 | | | | |
| Bromoform | 47.8 | 5 | 50 | 0 | 95.7 | 61.5 | 141 | | | | |
| Xylenes, Total | 99.3 | 2.5 | 100 | 0 | 99.3 | 61 | 131 | | | | |
| Styrene | 50.4 | 5 | 50 | 0 | 101 | 74 | 130 | | | | |
| o-Xylene | 44.8 | 2.5 | 50 | 0 | 89.6 | 67.3 | 129 | | | | |
| 1,1,2,2-Tetrachloroethane | 45.6 | 5 | 50 | 0 | 91.3 | 62.4 | 153 | | | | |
| 1,2,3-Trichloropropane | 97.7 | 10 | 100 | 0 | 97.7 | 37.4 | 171 | | | | |
| Isopropylbenzene | 55.6 | 5 | 50 | 0 | 111 | 63 | 132 | | | | |
| Bromobenzene | 48.4 | 5 | 50 | 0 | 96.8 | 65.1 | 120 | | | | |
| n-Propylbenzene | 53.5 | 5 | 50 | 0 | 107 | 58.2 | 128 | | | | |
| 4-Chlorotoluene | 56.6 | 5 | 50 | 0 | 113 | 63.9 | 127 | | | | |
| 2-Chlorotoluene | 55.3 | 5 | 50 | 0 | 110 | 63.2 | 126 | | | | |
| 1,3,5-Trimethylbenzene | 59.1 | 5 | 50 | 0 | 118 | 63.8 | 138 | | | | |
| tert-Butylbenzene | 61.2 | 5 | 50 | 0 | 122 | 59.7 | 128 | | | | |
| 1,2,4-Trimethylbenzene | 58.2 | 5 | 50 | 0 | 116 | 65.1 | 135 | | | | |
| sec-Butylbenzene | 61 | 5 | 50 | 0 | 122 | 55.5 | 128 | | | | |
| 1,3-Dichlorobenzene | 52.2 | 5 | 50 | 0 | 104 | 64.5 | 122 | | | | |
| 1,4-Dichlorobenzene | 52.9 | 5 | 50 | 0 | 106 | 63.7 | 121 | | | | |
| 4-Isopropyltoluene | 59.8 | 5 | 50 | 0 | 120 | 58 | 135 | | | | |
| 1,2-Dichlorobenzene | 46.2 | 5 | 50 | 0 | 92.5 | 66.7 | 122 | | | | |
| n-Butylbenzene | 61.1 | 5 | 50 | 0 | 122 | 52.7 | 139 | | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 217 | 15 | 250 | 0 | 86.6 | 59.1 | 143 | | | | |
| 1,2,4-Trichlorobenzene | 43 | 10 | 50 | 0 | 86.1 | 47.1 | 139 | | | | |
| Naphthalene | 38.4 | 10 | 50 | 0 | 76.9 | 31.6 | 164 | | | | |
| 1,2,3-Trichlorobenzene | 36.5 | 10 | 50 | 0 | 73.1 | 17.7 | 171 | | | | |
| Surr: 1,2-Dichloroethane-d4 | 48.6 | | 50 | | 97.1 | 69.51 | 130.49 | | | | |
| Surr: Toluene-d8 | 51 | | 50 | | 102 | 69.51 | 130.49 | | | | |
| Surr: 4-Bromofluorobenzene | 41.6 | | 50 | | 83.3 | 69.51 | 130.49 | | | | |

Qualifiers: B Analyte detected in the associated Method Blank
 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



Alpha Analytical, Inc.
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TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

Definition Only

WO#: 2203200
Date: 3/21/2022

Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

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

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S52 = Surrogate recovery was above laboratory acceptance limits. Probable matrix effect.

S53 = Surrogate recovery was below laboratory acceptance limits. Probable matrix effect.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Benny Pataray
 Danny Hill
 Eric Davis
 Malcolm Thomas
 Nils Orliczky

WORKORDER SUMMARY

Alpha Analytical, Inc.

255 Glendale Ave, #21 Sparks, Nevada 89431
 TEL: (775) 355-1044 FAX: (775) 355-0406

CA

WorkOrder: CHH2203200
 Report Due By: 22-Mar-22
 EDD Required: YES

Report Attention: Eric Davis

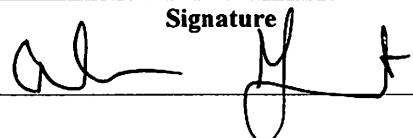
Client:
 CH2M Hill
 2600 Michelson Dr., Suite 500
 Irvine, CA 92612

TEL: (949) 547-8969
 FAX:
 ProjectNo: DFSP Norwalk

Date Received: 11-Mar-22

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles | | | Requested Tests | | | | | | Sample Remarks | | |
|-----------------|------------------|--------|-----------------------|----------------|-----|-----|----------------------------------|----------------------------------|----------------------------------|--|--|--|----------------|--|-----------------|
| | | | | Alpha | Sub | TAT | TPH/E_W | TPH/P_W | VOC_W | | | | | | |
| CHH2203200-01 | TB-1 | AQ | 3/10/2022 7:00:00 AM | 2 | 0 | 7 | | | A - Partial | | | | | | Sac TB 01/06/22 |
| CHH2203200-02 | GMW-36 | AQ | 3/10/2022 8:19:00 AM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-03 | GMW-10 | AQ | 3/10/2022 9:01:00 AM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-04 | GMW-28 | AQ | 3/10/2022 9:55:00 AM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-05 | DUP-1 | AQ | 3/10/2022 | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-06 | GMW-O-24 | AQ | 3/10/2022 10:43:00 AM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-07 | GMW-O-23 | AQ | 3/10/2022 11:33:00 AM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-08 | GMW-O-20 | AQ | 3/10/2022 12:08:00 PM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-09 | GMW-O-11 | AQ | 3/10/2022 12:39:00 PM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |
| CHH2203200-10 | MW-O-2 | AQ | 3/10/2022 1:11:00 PM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | | |

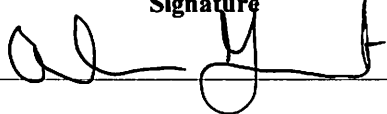
Comments: Run two analyses in order to achieve lower reporting limits for all other analytes due to high TBA values.

| Logged in by: | Signature | Print Name | Company | Date/Time |
|---------------|---|----------------|------------------------|--------------------|
| |  | Alicia Guibert | Alpha Analytical, Inc. | 03/11/2022 1108 |

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

| Alpha Sample ID | Client Sample ID | Matrix | Collection Date | No. of Bottles | | | Requested Tests | | | | | | Sample Remarks | |
|-----------------|------------------|--------|----------------------|----------------|-----|-----|----------------------------------|----------------------------------|----------------------------------|--|--|--|----------------|--|
| | | | | Alpha | Sub | TAT | TPHE_W | TPHP_W | VOC_W | | | | | |
| CHH2203200-11 | GMW-O-21 | AQ | 3/10/2022 1:41:00 PM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | |
| CHH2203200-12 | EB-1 | AQ | 3/10/2022 1:53:00 PM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | |
| CHH2203200-13 | GMW-O-14 | AQ | 3/10/2022 2:23:00 PM | 6 | 0 | 7 | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | A - TPHE(0.05) +Vinyl acetate | | | | | |

Comments: Run two analyses in order to achieve lower reporting limits for all other analytes due to high TBA values.

| | | | | | | | |
|---------------|---|------------|---------------|---------|------------------------|-----------|--------------------|
| Logged in by: |  | Print Name | Alicia Tribet | Company | Alpha Analytical, Inc. | Date/Time | 03/11/2022 1109 |
|---------------|---|------------|---------------|---------|------------------------|-----------|--------------------|

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC / of 2

Billing information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Eric Davis
 Jacobs
 2600 Michelson Drive
 Suite 500
 Irvine, CA 92612

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | | CONTAINERS | | TPHg, TPHd (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | | | | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|--------|-------|------------|--------------|------------------------|--------------------------------|---|--|--|--|--|-------------------|--------|-----------|--------------|
| | | | AC= | Water | # | Preservation | | | | | | | | | | | Type |
| TB-1 | 3-10-22 | 0700 | AG | Water | 2 | HCL | VOAS | X | X | | | | | | | | 01 |
| Gmw-36 | | 0819 | | | 4 | | | X | X | | | | | | | | 02 |
| Gmw-10 | | 0901 | | | | | | X | X | | | | | | | | 03 |
| Gmw-28 | | 0958 | | | | | | X | X | | | | | | | | 04 |
| Dup-1 | | | | | | | | X | X | | | | | | | | 05 |
| Gmw-0-24 | | 1043 | | | | | | X | X | | | | | | | | 06 |
| Gmw-0-23 | | 1133 | | | | | | X | X | | | | | | | | 07 |
| Gmw-0-20 | | 1208 | | | | | | X | X | | | | | | | | 08 |
| Gmw-0-11 | | 1239 | | | | | | X | X | | | | | | | | 09 |
| Gmw-0-2 | | 1311 | | | | | | X | X | | | | | | | | 10 |

SAMPLING COMPLETED 3-10-22 1530 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

RELEASED BY TIME 1530 RECEIVED BY DATE 3/10/22 TIME 1530

RELEASED BY TIME RECEIVED BY DATE 03/11/2022 TIME 1053

RELEASED BY _____ TIME _____ RECEIVED BY _____ DATE _____ TIME _____

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 2 of 2

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Eric Davis
 Jacobs
 2600 Michelson Drive
 Suite 500
 Irvine, CA 92612

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**


SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX AQ= Water | CONTAINERS | | | TPHg, TPHd (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | | | | | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|---------------------|------------|--------------|------|------------------------|--------------------------------|--|--|--|--|--|--|-------------------|--------|-----------|--------------|
| | | | | # | Preservation | Type | | | | | | | | | | | | |
| Gmw-0-21 | 3-10-22 | 1341 | AQ | 6 | HCL | NOAS | X | X | | | | | | | | | | CHH 2203200 |
| EB-1 | | 1353 | | | | | X | X | | | | | | | | | | 12 |
| Gmw-0-14 | | 1423 | | | | | X | X | | | | | | | | | | 13 |
| | | | | | | | | | | | | | | | | | | |
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SAMPLING COMPLETED DATE 3-10-22 TIME 1530 SAMPLING PERFORMED BY Kevin Thompson

RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY  TIME 1530 RECEIVED BY **FEDEX** DATE 3/10/22 TIME 1530

RELEASED BY TIME RECEIVED BY  DATE 03/11/2022 TIME 1054

RELEASED BY TIME RECEIVED BY DATE TIME

SHIPPED VIA TIME SENT COOLER # Page 43 of 43

Attachment C
Free Product Thickness and Groundwater Elevation Trends

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-7 | 04/08/13 | 74.65 | --- | 29.01 | --- | 45.64 |
| BW-8 | 10/04/10 | 75.08 | --- | 27.97 | --- | 47.11 |
| BW-8 | 04/11/11 | 75.08 | --- | 27.28 | --- | 47.80 |
| BW-8 | 10/10/11 | 75.08 | --- | 27.15 | --- | 47.93 |
| BW-8 | 04/16/12 | 75.08 | --- | 28.08 | --- | 47.00 |
| BW-8 | 07/09/12 | 75.08 | --- | NM | --- | NC |
| BW-8 | 10/15/12 | 75.08 | --- | 29.61 | --- | 45.47 |
| 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 |
| EP-73 | 11/02/20 | 77.21 | --- | 35.71 | --- | 41.50 |
| EP-73 | 05/06/21 | 77.21 | --- | 36.44 | --- | 40.77 |
| EP-73 | 11/03/21 | 77.21 | --- | 37.19 | --- | 40.02 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| EXP-1 | 01/29/02 | 78.44 | --- | 49.07 | --- | 29.37 |
| EXP-1 | 04/08/02 | 78.44 | --- | 49.20 | --- | 29.24 |
| EXP-1 | 04/08/02 | 78.44 | --- | 48.96 | --- | 29.48 |
| EXP-1 | 07/29/02 | 78.44 | --- | 51.35 | --- | 27.09 |
| EXP-1 | 10/21/02 | 78.44 | --- | 51.91 | --- | 26.53 |
| EXP-1 | 10/21/02 | 78.44 | --- | 51.94 | --- | 26.50 |
| EXP-1 | 01/27/03 | 78.44 | --- | 49.60 | --- | 28.84 |
| EXP-1 | 04/07/03 | 78.44 | --- | 50.30 | --- | 28.14 |
| EXP-1 | 04/07/03 | 78.44 | --- | 50.28 | --- | 28.16 |
| EXP-1 | 07/30/03 | 78.44 | --- | 51.42 | --- | 27.02 |
| EXP-1 | 10/06/03 | 78.44 | --- | 51.77 | --- | 26.67 |
| EXP-1 | 10/06/03 | 78.44 | --- | 51.76 | --- | 26.68 |
| EXP-1 | 01/27/04 | 78.44 | --- | 51.25 | --- | 27.19 |
| EXP-1 | 04/19/04 | 78.44 | --- | 51.09 | --- | 27.35 |
| EXP-1 | 04/19/04 | 78.44 | --- | 51.09 | --- | 27.35 |
| EXP-1 | 07/19/04 | 78.44 | --- | 52.91 | --- | 25.53 |
| EXP-1 | 11/01/04 | 78.44 | --- | 54.14 | --- | 24.30 |
| EXP-1 | 02/01/05 | 78.44 | --- | 52.90 | --- | 25.54 |
| EXP-1 | 05/02/05 | 78.44 | --- | 51.91 | --- | 26.53 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/20/09 | 78.44 | --- | 53.41 | --- | 25.03 |
| EXP-1 | 07/16/09 | 78.44 | --- | 55.06 | --- | 23.38 |
| EXP-1 | 07/20/09 | 78.44 | --- | 54.83 | --- | 23.61 |
| EXP-1 | 10/19/09 | 78.44 | --- | 55.86 | --- | 22.58 |
| EXP-1 | 01/11/10 | 78.44 | --- | 55.80 | --- | 22.64 |
| EXP-1 | 03/15/10 | 78.44 | --- | 55.01 | --- | 23.43 |
| EXP-1 | 04/07/10 | 78.44 | --- | 55.29 | --- | 23.15 |
| EXP-1 | 04/12/10 | 78.44 | --- | 55.24 | --- | 23.20 |
| EXP-1 | 05/24/10 | 78.44 | --- | 55.38 | --- | 23.06 |
| EXP-1 | 05/28/10 | 78.44 | --- | 55.40 | --- | 23.04 |
| EXP-1 | 10/04/10 | 78.44 | --- | 56.44 | --- | 22.00 |
| EXP-1 | 01/06/11 | 78.44 | --- | 54.99 | --- | 23.45 |
| EXP-1 | 01/10/11 | 78.44 | --- | 54.77 | --- | 23.67 |
| EXP-1 | 04/07/11 | 78.44 | --- | 53.67 | --- | 24.77 |
| EXP-1 | 04/11/11 | 78.44 | --- | 53.98 | --- | 24.46 |
| EXP-1 | 07/07/11 | 78.44 | --- | 53.65 | --- | 24.79 |
| EXP-1 | 07/11/11 | 78.44 | --- | 53.51 | --- | 24.93 |
| EXP-1 | 10/06/11 | 78.44 | --- | 54.13 | --- | 24.31 |
| EXP-1 | 10/10/11 | 78.44 | --- | 53.75 | --- | 24.69 |
| EXP-1 | 01/09/12 | 78.44 | --- | 52.67 | --- | 25.77 |
| EXP-1 | 01/09/12 | 78.44 | --- | 52.67 | --- | 25.77 |
| EXP-1 | 04/16/12 | 78.44 | --- | 52.29 | --- | 26.15 |
| EXP-1 | 04/16/12 | 78.44 | --- | 52.29 | --- | 26.15 |
| EXP-1 | 07/09/12 | 78.44 | --- | 52.69 | --- | 25.75 |
| EXP-1 | 10/15/12 | 78.44 | --- | 53.63 | --- | 24.81 |
| EXP-1 | 01/10/13 | 78.44 | --- | 52.78 | --- | 25.66 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/16/19 | 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-1 | 10/19/20 | 78.44 | --- | 61.25 | --- | 17.19 |
| EXP-1 | 11/02/20 | 78.44 | --- | 61.25 | --- | 17.19 |
| EXP-1 | 11/02/20 | 78.44 | --- | 61.25 | --- | 17.19 |
| EXP-1 | 05/03/21 | 78.44 | --- | 59.79 | --- | 18.65 |
| EXP-1 | 05/04/21 | 78.44 | --- | 59.97 | --- | 18.47 |
| EXP-1 | 11/01/21 | 78.44 | --- | 61.82 | --- | 16.62 |
| EXP-1 | 11/01/21 | 78.44 | --- | 61.82 | --- | 16.62 |
| EXP-2 | 11/20/96 | 79.43 | --- | 48.20 | --- | 31.23 |
| EXP-2 | 07/01/97 | 79.43 | --- | 47.19 | --- | 32.24 |
| EXP-2 | 12/31/97 | 79.43 | --- | 46.33 | --- | 33.10 |
| EXP-2 | 05/01/98 | 79.43 | --- | 44.40 | --- | 35.03 |
| EXP-2 | 05/04/99 | 79.43 | --- | 44.05 | --- | 35.38 |
| EXP-2 | 05/25/99 | 79.43 | --- | 44.85 | --- | 34.58 |
| EXP-2 | 07/21/99 | 79.43 | --- | 46.67 | --- | 32.76 |
| EXP-2 | 08/09/99 | 79.43 | --- | 47.02 | --- | 32.41 |
| EXP-2 | 09/23/99 | 79.43 | --- | 48.90 | --- | 30.53 |
| EXP-2 | 10/12/99 | 79.43 | --- | 48.93 | --- | 30.50 |
| EXP-2 | 11/15/99 | 79.43 | --- | 47.76 | --- | 31.67 |
| EXP-2 | 12/21/99 | 79.43 | --- | 47.03 | --- | 32.40 |
| EXP-2 | 01/20/00 | 79.43 | --- | 46.85 | --- | 32.58 |
| EXP-2 | 02/28/00 | 79.43 | --- | 46.39 | --- | 33.04 |
| EXP-2 | 03/28/00 | 79.43 | --- | 46.15 | --- | 33.28 |
| EXP-2 | 04/20/00 | 79.43 | --- | 46.69 | --- | 32.74 |
| EXP-2 | 05/15/00 | 79.43 | --- | 47.04 | --- | 32.39 |
| EXP-2 | 05/15/00 | 79.43 | --- | 47.05 | --- | 32.38 |
| EXP-2 | 06/30/00 | 79.43 | --- | 48.01 | --- | 31.42 |
| EXP-2 | 08/28/00 | 79.43 | --- | 48.96 | --- | 30.47 |
| EXP-2 | 11/13/00 | 79.43 | --- | 48.71 | --- | 30.72 |
| EXP-2 | 11/13/00 | 79.43 | --- | 48.74 | --- | 30.69 |
| EXP-2 | 02/05/01 | 79.43 | --- | 47.83 | --- | 31.60 |
| EXP-2 | 05/07/01 | 79.43 | --- | 47.61 | --- | 31.82 |
| EXP-2 | 05/07/01 | 79.43 | --- | 47.58 | --- | 31.85 |
| EXP-2 | 09/18/01 | 79.43 | --- | 49.75 | --- | 29.68 |
| EXP-2 | 11/05/01 | 79.43 | --- | 49.60 | --- | 29.83 |
| EXP-2 | 01/29/02 | 79.43 | --- | 48.56 | --- | 30.87 |
| EXP-2 | 04/08/02 | 79.43 | --- | 48.72 | --- | 30.71 |
| EXP-2 | 04/08/02 | 79.43 | --- | 48.63 | --- | 30.80 |
| EXP-2 | 07/29/02 | 79.43 | --- | 50.90 | --- | 28.53 |
| EXP-2 | 10/21/02 | 79.43 | --- | 51.51 | --- | 27.92 |
| EXP-2 | 10/21/02 | 79.43 | --- | 51.46 | --- | 27.97 |
| EXP-2 | 01/27/03 | 79.43 | --- | 49.29 | --- | 30.14 |
| EXP-2 | 04/07/03 | 79.43 | --- | 50.05 | --- | 29.38 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/07/03 | 79.43 | --- | 49.95 | --- | 29.48 |
| EXP-2 | 07/30/03 | 79.43 | --- | 51.15 | --- | 28.28 |
| EXP-2 | 10/06/03 | 79.43 | --- | 51.62 | --- | 27.81 |
| EXP-2 | 10/06/03 | 79.43 | --- | 51.62 | --- | 27.81 |
| EXP-2 | 01/27/04 | 79.43 | --- | 51.09 | --- | 28.34 |
| EXP-2 | 04/19/04 | 79.43 | --- | 51.08 | --- | 28.35 |
| EXP-2 | 04/19/04 | 79.43 | --- | 50.00 | --- | 29.43 |
| EXP-2 | 07/19/04 | 79.43 | --- | 52.90 | --- | 26.53 |
| EXP-2 | 11/01/04 | 79.43 | --- | 53.98 | --- | 25.45 |
| EXP-2 | 02/01/05 | 79.43 | --- | 52.89 | --- | 26.54 |
| EXP-2 | 05/02/05 | 79.43 | --- | 51.87 | --- | 27.56 |
| EXP-2 | 05/02/05 | 79.43 | --- | 51.75 | --- | 27.68 |
| EXP-2 | 08/01/05 | 79.43 | --- | 52.65 | --- | 26.78 |
| EXP-2 | 10/31/05 | 79.43 | --- | 52.55 | --- | 26.88 |
| EXP-2 | 02/27/06 | 79.43 | --- | 50.30 | --- | 29.13 |
| EXP-2 | 05/01/06 | 79.43 | --- | 49.69 | --- | 29.74 |
| EXP-2 | 05/01/06 | 79.43 | --- | 49.31 | --- | 30.12 |
| EXP-2 | 09/18/06 | 79.43 | --- | 51.53 | --- | 27.90 |
| EXP-2 | 12/01/06 | 79.43 | --- | 50.60 | --- | 28.83 |
| EXP-2 | 12/04/06 | 79.43 | --- | 50.19 | --- | 29.24 |
| EXP-2 | 03/12/07 | 79.43 | --- | 48.92 | --- | 30.51 |
| EXP-2 | 04/30/07 | 79.43 | --- | 49.31 | --- | 30.12 |
| EXP-2 | 04/30/07 | 79.43 | --- | 48.87 | --- | 30.56 |
| EXP-2 | 08/28/07 | 79.43 | --- | 51.31 | --- | 28.12 |
| EXP-2 | 11/12/07 | 79.43 | --- | 52.27 | --- | 27.16 |
| EXP-2 | 11/12/07 | 79.43 | --- | 52.27 | --- | 27.16 |
| EXP-2 | 02/19/08 | 79.43 | --- | 51.49 | --- | 27.94 |
| EXP-2 | 04/11/08 | 79.43 | --- | 51.46 | --- | 27.97 |
| EXP-2 | 04/14/08 | 79.43 | --- | 51.35 | --- | 28.08 |
| EXP-2 | 07/24/08 | 79.43 | --- | 53.08 | --- | 26.35 |
| EXP-2 | 08/11/08 | 79.43 | --- | 53.28 | --- | 26.15 |
| EXP-2 | 10/13/08 | 79.43 | --- | 53.76 | --- | 25.67 |
| EXP-2 | 10/14/08 | 79.43 | --- | 53.76 | --- | 25.67 |
| EXP-2 | 02/09/09 | 79.43 | --- | 52.81 | --- | 26.62 |
| EXP-2 | 04/20/09 | 79.43 | --- | 54.83 | --- | 24.60 |
| EXP-2 | 04/20/09 | 79.43 | --- | 54.83 | --- | 24.60 |
| EXP-2 | 07/16/09 | 79.43 | --- | 54.91 | --- | 24.52 |
| EXP-2 | 07/20/09 | 79.43 | --- | 54.91 | --- | 24.52 |
| EXP-2 | 10/19/09 | 79.43 | --- | 55.90 | --- | 23.53 |
| EXP-2 | 01/11/10 | 79.43 | --- | 55.93 | --- | 23.50 |
| EXP-2 | 03/15/10 | 79.43 | --- | 55.22 | --- | 24.21 |
| EXP-2 | 04/07/10 | 79.43 | --- | 55.52 | --- | 23.91 |
| EXP-2 | 04/12/10 | 79.43 | --- | 55.82 | --- | 23.61 |
| EXP-2 | 05/24/10 | 79.43 | --- | 55.66 | --- | 23.77 |
| EXP-2 | 05/28/10 | 79.43 | --- | 55.69 | --- | 23.74 |
| EXP-2 | 10/04/10 | 79.43 | --- | 56.65 | --- | 22.78 |
| EXP-2 | 01/06/11 | 79.43 | --- | 55.48 | --- | 23.95 |
| EXP-2 | 01/10/11 | 79.43 | --- | 55.18 | --- | 24.25 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/06/11 | 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 |
| 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-2 | 10/19/20 | 79.43 | --- | 62.40 | --- | 17.03 |
| EXP-2 | 11/02/20 | 79.43 | --- | 62.40 | --- | 17.03 |
| EXP-2 | 11/02/20 | 79.43 | --- | 62.38 | --- | 17.05 |
| EXP-2 | 05/03/21 | 79.43 | --- | 61.20 | --- | 18.23 |
| EXP-2 | 05/04/21 | 79.43 | --- | 61.23 | --- | 18.20 |
| EXP-2 | 11/01/21 | 79.43 | --- | 62.59 | --- | 16.84 |
| EXP-2 | 11/01/21 | 79.43 | --- | 62.59 | --- | 16.84 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 02/27/06 | 77.58 | --- | 49.29 | --- | 28.29 |
| EXP-3 | 05/01/06 | 77.58 | --- | 48.74 | --- | 28.84 |
| EXP-3 | 05/01/06 | 77.58 | --- | 48.31 | --- | 29.27 |
| EXP-3 | 09/18/06 | 77.58 | --- | 50.14 | --- | 27.44 |
| EXP-3 | 12/01/06 | 77.58 | --- | 49.74 | --- | 27.84 |
| EXP-3 | 12/04/06 | 77.58 | --- | 49.41 | --- | 28.17 |
| EXP-3 | 03/12/07 | 77.58 | --- | 47.95 | --- | 29.63 |
| EXP-3 | 04/30/07 | 77.58 | --- | 48.31 | --- | 29.27 |
| EXP-3 | 04/30/07 | 77.58 | --- | 47.86 | --- | 29.72 |
| EXP-3 | 08/28/07 | 77.58 | --- | 50.61 | --- | 26.97 |
| EXP-3 | 11/12/07 | 77.58 | --- | 51.56 | --- | 26.02 |
| EXP-3 | 11/12/07 | 77.58 | --- | 51.57 | --- | 26.01 |
| EXP-3 | 02/05/08 | 77.58 | --- | 51.23 | --- | 26.35 |
| EXP-3 | 02/19/08 | 77.58 | --- | 50.70 | --- | 26.88 |
| EXP-3 | 04/14/08 | 77.58 | --- | 50.63 | --- | 26.95 |
| EXP-3 | 04/14/08 | 77.58 | --- | 50.60 | --- | 26.98 |
| EXP-3 | 07/24/08 | 77.58 | --- | 52.78 | --- | 24.80 |
| EXP-3 | 08/11/08 | 77.58 | --- | 52.45 | --- | 25.13 |
| EXP-3 | 10/13/08 | 77.58 | --- | 52.97 | --- | 24.61 |
| EXP-3 | 10/14/08 | 77.58 | --- | 52.97 | --- | 24.61 |
| EXP-3 | 02/10/09 | 77.58 | --- | 52.16 | --- | 25.42 |
| EXP-3 | 04/20/09 | 77.58 | --- | 52.97 | --- | 24.61 |
| EXP-3 | 04/20/09 | 77.58 | --- | 52.97 | --- | 24.61 |
| EXP-3 | 07/16/09 | 77.58 | --- | 54.02 | --- | 23.56 |
| EXP-3 | 07/20/09 | 77.58 | --- | 53.93 | --- | 23.65 |
| EXP-3 | 10/19/09 | 77.58 | --- | 55.40 | --- | 22.18 |
| EXP-3 | 01/11/10 | 77.58 | --- | 54.51 | --- | 23.07 |
| EXP-3 | 03/15/10 | 77.58 | --- | 54.10 | --- | 23.48 |
| EXP-3 | 04/07/10 | 77.58 | --- | 54.36 | --- | 23.22 |
| EXP-3 | 04/12/10 | 77.58 | --- | 54.82 | --- | 22.76 |
| EXP-3 | 05/24/10 | 77.58 | --- | 54.54 | --- | 23.04 |
| EXP-3 | 05/28/10 | 77.58 | --- | 54.51 | --- | 23.07 |
| EXP-3 | 10/04/10 | 77.58 | --- | 55.42 | --- | 22.16 |
| EXP-3 | 01/08/11 | 77.58 | --- | 53.91 | --- | 23.67 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 01/11/13 | 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-3 | 10/19/20 | 77.58 | --- | 60.28 | --- | 17.30 |
| EXP-3 | 11/02/20 | 77.58 | --- | 60.28 | --- | 17.30 |
| EXP-3 | 11/02/20 | 77.58 | --- | 60.36 | --- | 17.22 |
| EXP-3 | 05/03/21 | 77.58 | --- | 59.21 | --- | 18.37 |
| EXP-3 | 05/04/21 | 77.58 | --- | 59.19 | --- | 18.39 |
| EXP-3 | 11/01/21 | 77.58 | --- | 60.75 | --- | 16.83 |
| EXP-3 | 11/01/21 | 77.58 | --- | 60.75 | --- | 16.83 |
| EXP-4 | 02/03/99 | 79.81 | --- | 43.49 | --- | 36.32 |
| EXP-4 | 05/04/99 | 79.81 | --- | 43.43 | --- | 36.38 |
| EXP-4 | 07/21/99 | 79.81 | --- | 46.03 | --- | 33.78 |
| EXP-4 | 08/09/99 | 79.81 | --- | 46.49 | --- | 33.32 |
| EXP-4 | 09/23/99 | 79.81 | --- | 47.29 | --- | 32.52 |
| EXP-4 | 10/12/99 | 79.81 | --- | 47.30 | --- | 32.51 |
| EXP-4 | 11/15/99 | 79.81 | --- | 47.18 | --- | 32.63 |
| EXP-4 | 12/21/99 | 79.81 | --- | 46.42 | --- | 33.39 |
| EXP-4 | 01/20/00 | 79.81 | --- | 46.29 | --- | 33.52 |
| EXP-4 | 02/28/00 | 79.81 | --- | 45.89 | --- | 33.92 |
| EXP-4 | 03/28/00 | 79.81 | --- | 45.61 | --- | 34.20 |
| EXP-4 | 04/20/00 | 79.81 | --- | 46.12 | --- | 33.69 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/28/19 | 79.81 | --- | 63.16 | --- | 16.65 |
| EXP-4 | 05/04/20 | 79.81 | --- | 61.66 | --- | 18.15 |
| EXP-4 | 11/02/20 | 79.81 | --- | 62.48 | --- | 17.33 |
| EXP-4 | 05/03/21 | 79.81 | --- | 61.38 | --- | 18.43 |
| EXP-4 | 11/01/21 | 79.81 | --- | 62.92 | --- | 16.89 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 11/12/07 | 72.41 | --- | 46.37 | --- | 26.04 |
| EXP-5 | 02/19/08 | 72.41 | --- | 45.90 | --- | 26.51 |
| EXP-5 | 04/14/08 | 72.41 | --- | 45.73 | --- | 26.68 |
| EXP-5 | 08/11/08 | 72.41 | --- | 47.68 | --- | 24.73 |
| EXP-5 | 10/13/08 | 72.41 | --- | 48.19 | --- | 24.22 |
| EXP-5 | 04/20/09 | 72.41 | --- | 47.86 | --- | 24.55 |
| EXP-5 | 07/20/09 | 72.41 | --- | 49.10 | --- | 23.31 |
| EXP-5 | 10/19/09 | 72.41 | --- | 50.61 | --- | 21.80 |
| EXP-5 | 03/15/10 | 72.41 | --- | 49.02 | --- | 23.39 |
| EXP-5 | 05/24/10 | 72.41 | --- | 49.54 | --- | 22.87 |
| EXP-5 | 05/28/10 | 72.41 | --- | 49.49 | --- | 22.92 |
| EXP-5 | 10/04/10 | 72.41 | --- | 50.35 | --- | 22.06 |
| EXP-5 | 01/10/11 | 72.41 | --- | 48.69 | --- | 23.72 |
| EXP-5 | 04/11/11 | 72.41 | --- | 49.82 | --- | 22.59 |
| EXP-5 | 07/11/11 | 72.41 | --- | 47.42 | --- | 24.99 |
| EXP-5 | 10/10/11 | 72.41 | --- | 49.58 | --- | 22.83 |
| EXP-5 | 01/09/12 | 72.41 | --- | 46.53 | --- | 25.88 |
| EXP-5 | 04/16/12 | 72.41 | --- | 46.21 | --- | 26.20 |
| EXP-5 | 07/09/12 | 72.41 | --- | 46.88 | --- | 25.53 |
| EXP-5 | 10/15/12 | 72.41 | --- | 47.78 | --- | 24.63 |
| EXP-5 | 01/14/13 | 72.41 | --- | 46.64 | --- | 25.77 |
| EXP-5 | 04/08/13 | 72.41 | --- | 46.58 | --- | 25.83 |
| EXP-5 | 10/07/13 | 72.41 | --- | 50.13 | --- | 22.28 |
| EXP-5 | 04/14/14 | 72.41 | --- | 49.42 | --- | 22.99 |
| EXP-5 | 10/27/14 | 72.41 | --- | 52.58 | --- | 19.83 |
| EXP-5 | 04/20/15 | 72.41 | --- | 51.71 | --- | 20.70 |
| EXP-5 | 10/19/15 | 72.41 | --- | 53.27 | --- | 19.14 |
| EXP-5 | 04/11/16 | 72.41 | --- | 53.40 | --- | 19.01 |
| 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 |
| EXP-5 | 11/02/20 | 72.41 | --- | 54.74 | --- | 17.67 |
| EXP-5 | 05/03/21 | 72.41 | --- | 53.47 | --- | 18.94 |
| EXP-5 | 11/01/21 | 72.41 | --- | 55.22 | --- | 17.19 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/07/01 | 74.77 | --- | 25.50 | --- | 49.27 |
| GMW-1 | 11/05/01 | 74.77 | --- | 25.53 | --- | 49.24 |
| GMW-1 | 04/08/02 | 74.77 | --- | 26.10 | --- | 48.67 |
| GMW-1 | 10/21/02 | 74.77 | --- | 26.82 | --- | 47.95 |
| GMW-1 | 04/07/03 | 74.77 | --- | 26.17 | --- | 48.60 |
| GMW-1 | 07/30/03 | 74.77 | --- | 26.11 | --- | 48.66 |
| GMW-1 | 10/06/03 | 74.77 | --- | 26.22 | --- | 48.55 |
| GMW-1 | 01/11/04 | 74.77 | --- | 27.59 | --- | 47.18 |
| GMW-1 | 01/27/04 | 74.77 | --- | 26.57 | --- | 48.20 |
| GMW-1 | 04/19/04 | 74.77 | --- | 27.25 | --- | 47.52 |
| GMW-1 | 07/19/04 | 74.77 | --- | 26.84 | --- | 47.93 |
| GMW-1 | 02/01/05 | 74.77 | --- | 25.79 | --- | 48.98 |
| GMW-1 | 05/02/05 | 74.77 | --- | 20.84 | --- | 53.93 |
| GMW-1 | 08/01/05 | 74.77 | --- | 21.92 | --- | 52.85 |
| GMW-1 | 10/31/05 | 74.77 | --- | 26.96 | --- | 47.81 |
| GMW-1 | 02/27/06 | 74.77 | --- | 23.15 | --- | 51.62 |
| GMW-1 | 05/01/06 | 74.77 | --- | 23.30 | --- | 51.47 |
| GMW-1 | 09/18/06 | 74.77 | --- | 23.70 | --- | 51.07 |
| GMW-1 | 12/04/06 | 74.77 | --- | 24.06 | --- | 50.71 |
| GMW-1 | 03/12/07 | 74.77 | --- | 24.18 | --- | 50.59 |
| GMW-1 | 04/30/07 | 74.77 | --- | 23.21 | --- | 51.56 |
| GMW-1 | 08/28/07 | 74.77 | --- | 19.70 | --- | 55.07 |
| GMW-1 | 11/12/07 | 74.77 | --- | 23.70 | --- | 51.07 |
| GMW-1 | 02/19/08 | 74.77 | --- | 25.20 | --- | 49.57 |
| GMW-1 | 04/14/08 | 74.77 | --- | 25.12 | --- | 49.65 |
| GMW-1 | 10/13/08 | 74.77 | --- | 25.84 | --- | 48.93 |
| GMW-1 | 04/20/09 | 74.77 | --- | 26.18 | --- | 48.59 |
| GMW-1 | 10/19/09 | 74.77 | --- | 27.52 | --- | 47.25 |
| GMW-1 | 05/24/10 | 74.77 | --- | 26.95 | --- | 47.82 |
| GMW-1 | 05/28/10 | 74.77 | --- | 26.91 | --- | 47.86 |
| GMW-1 | 10/04/10 | 74.77 | --- | 26.95 | --- | 47.82 |
| GMW-1 | 01/10/11 | 74.77 | --- | 28.22 | --- | 46.55 |
| GMW-1 | 04/11/11 | 74.77 | --- | 25.98 | --- | 48.79 |
| GMW-1 | 07/11/11 | 74.77 | --- | NM | --- | NC |
| GMW-1 | 10/10/11 | 74.77 | --- | 26.15 | --- | 48.62 |
| GMW-1 | 01/09/12 | 74.77 | --- | 26.68 | --- | 48.09 |
| GMW-1 | 04/16/12 | 74.77 | --- | 28.03 | --- | 46.74 |
| GMW-1 | 07/09/12 | 74.77 | --- | 29.14 | --- | 45.63 |
| GMW-1 | 10/15/12 | 74.77 | --- | 29.49 | --- | 45.28 |
| GMW-1 | 01/14/13 | 74.77 | --- | 29.54 | --- | 45.23 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GMW-1 | 05/04/20 | 74.77 | --- | 32.90 | --- | 41.87 |
| GMW-1 | 11/02/20 | 74.77 | --- | DRY | --- | NC |
| GMW-1 | 05/03/21 | 74.77 | --- | DRY | --- | DRY |
| GMW-1 | 11/01/21 | 74.77 | --- | NM | --- | NC |
| GMW-2 | 11/20/96 | 73.57 | --- | 26.77 | --- | 46.80 |
| GMW-2 | 07/01/97 | 73.57 | --- | 27.63 | --- | 45.94 |
| GMW-2 | 12/31/97 | 73.57 | --- | 26.94 | --- | 46.63 |
| GMW-2 | 05/01/98 | 73.57 | --- | 24.02 | --- | 49.55 |
| GMW-2 | 05/04/99 | 73.57 | --- | 25.38 | --- | 48.19 |
| GMW-2 | 08/09/99 | 73.57 | --- | 25.68 | --- | 47.89 |
| GMW-2 | 11/15/99 | 73.57 | --- | 25.49 | --- | 48.08 |
| GMW-2 | 05/15/00 | 73.57 | --- | 25.63 | --- | 47.94 |
| GMW-2 | 11/13/00 | 73.57 | --- | 26.42 | --- | 47.15 |
| GMW-2 | 05/07/01 | 73.57 | --- | 25.65 | --- | 47.92 |
| GMW-2 | 11/05/01 | 73.57 | --- | 24.61 | --- | 48.96 |
| GMW-2 | 04/08/02 | 73.57 | --- | 25.36 | --- | 48.21 |
| GMW-2 | 10/21/02 | 73.57 | --- | 25.91 | --- | 47.66 |
| GMW-2 | 04/07/03 | 73.57 | --- | 25.09 | --- | 48.48 |
| GMW-2 | 10/06/03 | 73.57 | --- | 25.47 | --- | 48.10 |
| GMW-2 | 01/11/04 | 73.57 | --- | 26.76 | --- | 46.81 |
| GMW-2 | 04/19/04 | 73.57 | --- | 26.63 | --- | 46.94 |
| GMW-2 | 05/02/05 | 73.57 | --- | 21.51 | --- | 52.06 |
| GMW-2 | 10/31/05 | 73.57 | --- | 26.42 | --- | 47.15 |
| GMW-2 | 05/09/06 | 73.57 | --- | 22.53 | --- | 51.04 |
| GMW-2 | 12/04/06 | 73.57 | --- | 23.40 | --- | 50.17 |
| GMW-2 | 04/30/07 | 73.57 | --- | 23.61 | --- | 49.96 |
| GMW-2 | 11/12/07 | 73.57 | --- | 23.94 | --- | 49.63 |
| GMW-2 | 04/14/08 | 73.57 | --- | 24.24 | --- | 49.33 |
| GMW-2 | 10/13/08 | 73.57 | --- | 24.95 | --- | 48.62 |
| GMW-2 | 04/20/09 | 73.57 | --- | 25.00 | --- | 48.57 |
| GMW-2 | 10/19/09 | 73.57 | --- | 26.22 | --- | 47.35 |
| GMW-2 | 05/24/10 | 73.57 | --- | 25.80 | --- | 47.77 |
| GMW-2 | 05/28/10 | 73.57 | --- | 25.80 | --- | 47.77 |
| GMW-2 | 10/04/10 | 73.57 | --- | 25.95 | --- | 47.62 |
| GMW-2 | 04/11/11 | 73.57 | --- | NM | --- | NC |
| GMW-2 | 10/10/11 | 73.57 | --- | 25.17 | --- | 48.40 |
| GMW-2 | 04/16/12 | 73.57 | --- | NM | --- | NC |
| GMW-2 | 07/09/12 | 73.57 | --- | NM | --- | NC |
| GMW-2 | 10/15/12 | 73.57 | --- | NM | --- | NC |
| GMW-2 | 04/08/13 | 73.57 | --- | NM | --- | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-3 | 11/02/20 | 75.10 | --- | 32.81 | --- | 42.29 |
| GMW-3 | 05/03/21 | 75.10 | --- | 34.31 | --- | 40.79 |
| GMW-3 | 11/01/21 | 75.10 | --- | 35.39 | --- | 39.71 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-5 | 11/20/96 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/16/19 | 77.61 | --- | NM | --- | NC |
| GMW-5 | 10/28/19 | 77.61 | --- | NM | --- | NC |
| GMW-5 | 05/04/20 | 77.61 | --- | DRY | --- | NC |
| GMW-5 | 11/02/20 | 77.61 | --- | NM | --- | NC |
| GMW-5 | 05/03/21 | 77.61 | --- | DRY | --- | DRY |
| GMW-5 | 11/01/21 | 77.61 | --- | NM | --- | NC |
| GMW-6 | 11/20/96 | 77.31 | --- | 30.76 | --- | 46.55 |
| GMW-6 | 07/01/97 | 77.31 | --- | 30.12 | --- | 47.19 |
| GMW-6 | 12/31/97 | 77.31 | --- | 30.52 | --- | 46.79 |
| GMW-6 | 05/01/98 | 77.31 | --- | 27.48 | --- | 49.83 |
| GMW-6 | 05/25/99 | 77.31 | --- | 28.44 | --- | 48.87 |
| GMW-6 | 05/15/00 | 77.31 | --- | 29.34 | --- | 47.97 |
| GMW-6 | 11/13/00 | 77.31 | --- | 28.67 | --- | 48.64 |
| GMW-6 | 05/07/01 | 77.31 | --- | 28.05 | --- | 49.26 |
| GMW-6 | 04/08/02 | 77.31 | --- | 29.35 | --- | 47.96 |
| GMW-6 | 10/21/02 | 77.31 | --- | 29.90 | --- | 47.41 |
| GMW-6 | 04/07/03 | 77.31 | --- | 29.20 | --- | 48.11 |
| GMW-6 | 10/06/03 | 77.31 | --- | 29.04 | --- | 48.27 |
| GMW-6 | 04/19/04 | 77.31 | --- | 29.97 | --- | 47.34 |
| GMW-6 | 11/01/04 | 77.31 | --- | 29.90 | --- | 47.41 |
| GMW-6 | 05/02/05 | 77.31 | --- | 24.97 | --- | 52.34 |
| GMW-6 | 03/06/06 | 77.31 | --- | 26.54 | --- | 50.77 |
| GMW-6 | 05/01/06 | 77.31 | --- | 26.75 | --- | 50.56 |
| GMW-6 | 08/26/06 | 77.31 | --- | 27.12 | --- | 50.19 |
| GMW-6 | 12/01/06 | 77.31 | --- | 27.52 | --- | 49.79 |
| GMW-6 | 03/21/07 | 77.31 | --- | 28.06 | --- | 49.25 |
| GMW-6 | 04/27/07 | 77.31 | --- | 28.02 | --- | 49.29 |
| GMW-6 | 08/28/07 | 77.31 | --- | 28.51 | --- | 48.80 |
| GMW-6 | 11/12/07 | 77.31 | --- | 28.48 | --- | 48.83 |
| GMW-6 | 02/05/08 | 77.31 | --- | 29.32 | --- | 47.99 |
| GMW-6 | 04/11/08 | 77.31 | --- | 28.34 | --- | 48.97 |
| GMW-6 | 07/24/08 | 77.31 | --- | 28.81 | --- | 48.50 |
| GMW-6 | 10/13/08 | 77.31 | --- | 29.48 | --- | 47.83 |
| GMW-6 | 02/09/09 | 77.31 | --- | 29.62 | --- | 47.69 |
| GMW-6 | 04/20/09 | 77.31 | --- | 29.21 | --- | 48.10 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/13 | 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-6 | 11/02/20 | 77.31 | --- | 36.39 | --- | 40.92 |
| GMW-6 | 05/03/21 | 77.31 | --- | 36.85 | --- | 40.46 |
| GMW-6 | 11/01/21 | 77.31 | --- | 37.26 | --- | 40.05 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-7 | 10/01/10 | 75.84 | --- | 28.54 | --- | 47.30 |
| GMW-7 | 01/08/11 | 75.84 | --- | 28.62 | --- | 47.22 |
| GMW-7 | 04/12/12 | 75.84 | --- | 29.28 | --- | 46.56 |
| GMW-7 | 10/02/13 | 75.84 | 31.28 | 31.41 | 0.13 | 44.53 |
| GMW-7 | 04/07/14 | 75.84 | 32.01 | 32.05 | 0.04 | 43.82 |
| GMW-7 | 04/16/14 | 75.84 | 31.88 | 31.92 | 0.04 | 43.95 |
| GMW-7 | 10/27/14 | 75.84 | 32.20 | 32.22 | 0.02 | 43.64 |
| GMW-7 | 04/20/15 | 75.84 | --- | 32.59 | --- | 43.25 |
| GMW-7 | 04/11/16 | 75.84 | --- | 33.99 | --- | 41.85 |
| GMW-7 | 10/03/16 | 75.84 | --- | 34.36 | --- | 41.48 |
| GMW-7 | 04/19/17 | 75.84 | 34.28 | 34.30 | 0.02 | 41.56 |
| GMW-7 | 10/03/17 | 76.87 | --- | 35.13 | --- | 41.74 |
| GMW-7 | 04/16/18 | 76.87 | --- | 35.92 | --- | 40.95 |
| GMW-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 |
| GMW-7 | 05/05/20 | 76.87 | --- | 35.58 | --- | 41.29 |
| GMW-7 | 11/02/20 | 75.84 | --- | 35.89 | --- | 40.98 |
| GMW-7 | 05/04/21 | 76.87 | --- | 36.30 | --- | 40.57 |
| GMW-7 | 11/03/21 | 76.87 | --- | 36.94 | --- | 39.93 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GMW-8 | 05/04/20 | 73.20 | --- | 32.23 | --- | 40.97 |
| GMW-8 | 11/02/20 | 73.20 | --- | 32.32 | --- | 40.88 |
| GMW-8 | 05/03/21 | 73.20 | --- | 32.94 | --- | 40.26 |
| GMW-8 | 11/01/21 | 73.20 | --- | 33.32 | --- | 39.88 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-9 | 11/02/20 | 77.16 | --- | 35.90 | --- | 41.26 |
| GMW-9 | 05/03/21 | 77.16 | --- | 36.50 | --- | 40.66 |
| GMW-9 | 11/01/21 | 77.16 | --- | 37.62 | --- | 39.54 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 11/03/14 | 73.35 | 29.13 | 30.25 | 1.12 | 44.01 |
| GMW-10 | 11/10/14 | 73.35 | 29.28 | 29.85 | 0.57 | 43.96 |
| GMW-10 | 11/18/14 | 73.35 | 29.28 | 29.95 | 0.67 | 43.95 |
| GMW-10 | 11/25/14 | 73.35 | 29.27 | 30.00 | 0.73 | 43.94 |
| GMW-10 | 12/03/14 | 73.35 | 29.27 | 30.18 | 0.91 | 43.91 |
| GMW-10 | 12/12/14 | 73.35 | 29.45 | 30.81 | 1.36 | 43.65 |
| GMW-10 | 12/19/14 | 73.35 | 30.35 | 30.51 | 0.16 | 42.97 |
| GMW-10 | 04/20/15 | 73.35 | 28.42 | 34.99 | 6.57 | 43.71 |
| GMW-10 | 07/17/15 | 73.35 | 29.41 | 36.10 | 6.69 | 42.70 |
| GMW-10 | 10/20/15 | 73.35 | 31.02 | 32.96 | 1.94 | 41.97 |
| GMW-10 | 03/16/16 | 73.35 | 33.42 | 34.47 | 1.05 | 39.74 |
| GMW-10 | 04/11/16 | 73.35 | 32.10 | 33.70 | 1.60 | 40.95 |
| GMW-10 | 06/29/16 | 73.35 | --- | 33.02 | --- | 40.33 |
| GMW-10 | 08/22/16 | 73.35 | 32.93 | 33.82 | 0.89 | 40.26 |
| GMW-10 | 10/03/16 | 73.35 | 33.65 | 35.10 | 1.45 | 39.43 |
| GMW-10 | 10/03/16 | 73.35 | 33.65 | 35.10 | 1.45 | NC |
| GMW-10 | 04/20/17 | 73.35 | --- | 31.15 | --- | 42.20 |
| GMW-10 | 10/02/17 | 73.36 | --- | 33.48 | --- | 39.88 |
| GMW-10 | 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-10 | 11/02/20 | 73.35 | --- | 32.00 | --- | 41.35 |
| GMW-10 | 02/24/21 | 73.35 | --- | 32.75 | --- | 40.60 |
| GMW-10 | 05/03/21 | 73.36 | --- | 32.54 | --- | 40.82 |
| GMW-10 | 08/31/21 | 73.36 | --- | 32.75 | --- | 40.61 |
| GMW-10 | 11/01/21 | 73.35 | --- | 33.35 | --- | 40.00 |
| GMW-10 | 03/10/22 | 73.35 | --- | 33.27 | --- | 40.08 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-12 | 10/19/20 | 75.21 | --- | 33.94 | --- | 41.27 |
| GMW-12 | 11/02/20 | 75.21 | --- | 33.94 | --- | 41.27 |
| GMW-12 | 05/03/21 | 75.21 | --- | 34.48 | --- | 40.73 |
| GMW-12 | 11/02/21 | 75.21 | --- | 35.02 | --- | 40.19 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/06/03 | 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 |
| 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-13 | 11/02/20 | 74.17 | --- | 31.85 | --- | 42.32 |
| GMW-13 | 05/03/21 | 74.17 | --- | 33.18 | --- | 40.99 |
| GMW-13 | 11/01/21 | 74.17 | --- | 34.89 | --- | 39.28 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-14R | 11/02/20 | 75.30 | --- | 33.18 | --- | 42.12 |
| GMW-14R | 05/03/21 | 75.30 | --- | 34.54 | --- | 40.76 |
| GMW-14R | 11/01/21 | 75.30 | --- | 36.48 | --- | 38.82 |
| GMW-15 | 11/20/96 | 76.21 | --- | 29.70 | --- | 46.51 |
| GMW-15 | 07/01/97 | 76.21 | --- | 29.39 | --- | 46.82 |
| GMW-15 | 12/31/97 | 76.21 | --- | 29.40 | --- | 46.81 |
| GMW-15 | 05/01/98 | 76.21 | --- | 26.71 | --- | 49.50 |
| GMW-15 | 05/25/99 | 76.21 | --- | 27.51 | --- | 48.70 |
| GMW-15 | 11/15/99 | 76.21 | --- | NM | --- | NC |
| GMW-15 | 05/15/00 | 76.21 | --- | 28.39 | --- | 47.82 |
| GMW-15 | 05/15/00 | 76.21 | --- | 22.59 | --- | 53.62 |
| GMW-15 | 11/13/00 | 76.21 | --- | 27.75 | --- | 48.46 |
| GMW-15 | 11/13/00 | 76.21 | --- | 28.80 | --- | 47.41 |
| GMW-15 | 05/07/01 | 76.21 | --- | 26.60 | --- | 49.61 |
| GMW-15 | 05/07/01 | 76.21 | --- | 27.02 | --- | 49.19 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/02 | 76.21 | --- | 28.51 | --- | 47.70 |
| GMW-15 | 10/21/02 | 76.21 | --- | 28.49 | --- | 47.72 |
| GMW-15 | 04/07/03 | 76.21 | --- | 28.25 | --- | 47.96 |
| GMW-15 | 10/06/03 | 76.21 | --- | 28.00 | --- | 48.21 |
| GMW-15 | 04/19/04 | 76.21 | --- | 29.23 | --- | 46.98 |
| GMW-15 | 11/01/04 | 76.21 | --- | 28.91 | --- | 47.30 |
| GMW-15 | 05/02/05 | 76.21 | --- | 23.85 | --- | 52.36 |
| GMW-15 | 03/06/06 | 76.21 | --- | 25.42 | --- | 50.79 |
| GMW-15 | 05/01/06 | 76.21 | --- | 25.70 | --- | 50.51 |
| GMW-15 | 08/26/06 | 76.21 | --- | 26.05 | --- | 50.16 |
| GMW-15 | 12/01/06 | 76.21 | --- | 26.45 | --- | 49.76 |
| GMW-15 | 03/21/07 | 76.21 | --- | 26.38 | --- | 49.83 |
| GMW-15 | 04/27/07 | 76.21 | --- | 26.90 | --- | 49.31 |
| GMW-15 | 08/28/07 | 76.21 | --- | 26.70 | --- | 49.51 |
| GMW-15 | 11/12/07 | 76.21 | --- | 27.38 | --- | 48.83 |
| GMW-15 | 02/05/08 | 76.21 | --- | 27.78 | --- | 48.43 |
| GMW-15 | 04/11/08 | 76.21 | --- | 27.29 | --- | 48.92 |
| GMW-15 | 07/24/08 | 76.21 | --- | 27.52 | --- | 48.69 |
| GMW-15 | 10/13/08 | 76.21 | --- | 28.36 | --- | 47.85 |
| GMW-15 | 02/09/09 | 76.21 | --- | 28.51 | --- | 47.70 |
| GMW-15 | 04/20/09 | 76.21 | --- | 28.31 | --- | 47.90 |
| GMW-15 | 07/16/09 | 76.21 | --- | 28.32 | --- | 47.89 |
| GMW-15 | 10/19/09 | 76.21 | --- | 28.90 | --- | 47.31 |
| GMW-15 | 04/08/10 | 76.21 | --- | 28.51 | --- | 47.70 |
| GMW-15 | 04/12/10 | 76.21 | --- | 28.24 | --- | 47.97 |
| GMW-15 | 01/06/11 | 76.21 | --- | 29.10 | --- | 47.11 |
| GMW-15 | 04/08/11 | 76.21 | --- | 27.81 | --- | 48.40 |
| GMW-15 | 07/07/11 | 76.21 | --- | 28.05 | --- | 48.16 |
| GMW-15 | 10/06/11 | 76.21 | --- | 28.53 | --- | 47.68 |
| GMW-15 | 04/12/12 | 76.21 | --- | 29.75 | --- | 46.46 |
| GMW-15 | 04/19/12 | 76.21 | --- | 29.45 | --- | 46.76 |
| GMW-15 | 01/10/13 | 76.21 | --- | 30.88 | --- | 45.33 |
| GMW-15 | 04/02/13 | 76.21 | --- | 30.82 | --- | 45.39 |
| GMW-15 | 04/08/13 | 76.21 | --- | 30.78 | --- | 45.43 |
| GMW-15 | 10/01/13 | 76.21 | --- | 31.60 | --- | 44.61 |
| GMW-15 | 04/07/14 | 76.21 | --- | 32.30 | --- | 43.91 |
| GMW-15 | 04/15/14 | 76.21 | --- | 32.02 | --- | 44.19 |
| GMW-15 | 10/27/14 | 76.21 | --- | 32.58 | --- | 43.63 |
| GMW-15 | 04/22/15 | 76.21 | --- | 32.92 | --- | 43.29 |
| GMW-15 | 04/11/16 | 76.21 | --- | 35.19 | --- | 41.02 |
| GMW-15 | 10/03/16 | 76.21 | --- | 34.51 | --- | 41.70 |
| GMW-15 | 04/19/17 | 76.21 | --- | 33.75 | --- | 42.46 |
| GMW-15 | 10/02/17 | 76.21 | --- | 34.45 | --- | 41.76 |
| GMW-15 | 04/16/18 | 76.21 | --- | 34.98 | --- | 41.23 |
| GMW-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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/19/20 | 76.21 | --- | 35.34 | --- | 40.87 |
| GMW-15 | 11/02/20 | 76.21 | --- | 35.34 | --- | 40.87 |
| GMW-15 | 05/04/21 | 76.21 | --- | 35.98 | --- | 40.23 |
| GMW-15 | 11/01/21 | 76.21 | --- | 36.44 | --- | 39.77 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/27/14 | 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-16 | 11/02/20 | 77.00 | --- | 36.97 | --- | 40.03 |
| GMW-16 | 05/03/21 | 77.00 | --- | 37.37 | --- | 39.63 |
| GMW-16 | 11/02/21 | 77.00 | --- | 37.81 | --- | 39.19 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/12/10 | 74.66 | --- | 25.83 | --- | 48.83 |
| GMW-17 | 01/08/11 | 74.66 | --- | NM | --- | NC |
| GMW-17 | 04/08/11 | 74.66 | --- | 24.04 | --- | 50.62 |
| GMW-17 | 07/08/11 | 74.66 | --- | 25.50 | --- | 49.16 |
| GMW-17 | 10/06/11 | 74.66 | --- | 26.20 | --- | 48.46 |
| GMW-17 | 04/12/12 | 74.66 | --- | 27.94 | --- | 46.72 |
| GMW-17 | 04/20/12 | 74.66 | --- | 27.77 | --- | 46.89 |
| GMW-17 | 01/11/13 | 74.66 | --- | 29.50 | --- | 45.16 |
| GMW-17 | 04/03/13 | 74.66 | --- | 29.38 | --- | 45.28 |
| GMW-17 | 04/08/13 | 74.66 | --- | 29.34 | --- | 45.32 |
| GMW-17 | 10/02/13 | 74.66 | --- | 30.11 | --- | 44.55 |
| GMW-17 | 04/09/14 | 74.66 | --- | 30.83 | --- | 43.83 |
| GMW-17 | 04/17/14 | 74.66 | --- | 30.72 | --- | 43.94 |
| GMW-17 | 10/27/14 | 74.66 | --- | 31.03 | --- | 43.63 |
| GMW-17 | 11/02/20 | 74.66 | --- | 36.95 | --- | 40.84 |
| 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-17R | 05/03/21 | 77.79 | --- | 37.38 | --- | 40.41 |
| GMW-17R | 11/01/21 | 77.79 | --- | 38.19 | --- | 39.60 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 02/05/08 | 75.36 | --- | 26.73 | --- | 48.63 |
| GMW-18 | 04/14/08 | 75.36 | --- | 25.91 | --- | 49.45 |
| GMW-18 | 10/14/08 | 75.36 | --- | 27.00 | --- | 48.36 |
| GMW-18 | 02/10/09 | 75.36 | --- | 26.50 | --- | 48.86 |
| GMW-18 | 04/20/09 | 75.36 | --- | 26.80 | --- | 48.56 |
| GMW-18 | 07/17/09 | 75.36 | --- | 27.41 | --- | 47.95 |
| GMW-18 | 10/19/09 | 75.36 | --- | 27.91 | --- | 47.45 |
| GMW-18 | 04/08/10 | 75.36 | --- | 27.30 | --- | 48.06 |
| GMW-18 | 04/12/10 | 75.36 | --- | 27.44 | --- | 47.92 |
| GMW-18 | 10/01/10 | 75.36 | --- | 27.80 | --- | 47.56 |
| GMW-18 | 01/08/11 | 75.36 | --- | 27.86 | --- | 47.50 |
| GMW-18 | 04/12/12 | 75.36 | --- | 28.54 | --- | 46.82 |
| GMW-18 | 04/20/12 | 75.36 | --- | 28.45 | --- | 46.91 |
| GMW-18 | 04/05/13 | 75.36 | 29.66 | 30.33 | 0.67 | 45.57 |
| GMW-18 | 04/08/13 | 75.36 | 29.64 | 30.21 | 0.57 | 45.61 |
| GMW-18 | 10/02/13 | 75.36 | 30.24 | 32.17 | 1.93 | 44.73 |
| GMW-18 | 04/07/14 | 75.36 | 30.95 | 33.15 | 2.20 | 43.97 |
| GMW-18 | 04/16/14 | 75.36 | 30.92 | 33.08 | 2.16 | 44.01 |
| GMW-18 | 10/27/14 | 75.36 | --- | 31.13 | --- | 44.23 |
| GMW-18 | 04/20/15 | 75.36 | --- | 31.47 | --- | 43.89 |
| GMW-18 | 04/11/16 | 75.36 | --- | NM | --- | NC |
| GMW-18 | 10/03/16 | 75.36 | 33.27 | 35.34 | 2.07 | NC |
| GMW-18 | 04/20/17 | 75.36 | --- | 32.81 | --- | 42.55 |
| GMW-18 | 09/26/17 | 75.36 | 32.99 | 34.15 | 1.16 | NC |
| GMW-18 | 04/16/18 | 75.36 | 34.13 | 34.92 | 0.79 | NC |
| GMW-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-18 | 11/02/20 | 75.36 | --- | 35.88 | --- | 39.48 |
| GMW-18 | 05/04/21 | 75.36 | --- | 36.20 | --- | 39.16 |
| GMW-18 | 11/02/21 | 75.36 | --- | 36.57 | --- | 38.79 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-19 | 10/19/20 | 76.83 | --- | 35.84 | --- | 40.99 |
| GMW-19 | 11/02/20 | 76.83 | --- | 35.84 | --- | 40.99 |
| GMW-19 | 05/03/21 | 76.83 | --- | 36.45 | --- | 40.38 |
| GMW-19 | 11/02/21 | 76.83 | --- | 36.73 | --- | 40.10 |
| GMW-20 | 11/20/96 | 75.10 | --- | 28.53 | --- | 46.57 |
| GMW-20 | 07/01/97 | 75.10 | --- | 28.26 | --- | 46.84 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-20 | 11/02/20 | 75.10 | --- | 34.20 | --- | 40.90 |
| GMW-20 | 05/03/21 | 75.10 | --- | 34.65 | --- | 40.45 |
| GMW-20 | 11/01/21 | 75.10 | --- | 35.58 | --- | 39.52 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-21 | 11/02/20 | 76.23 | --- | 35.12 | --- | 41.11 |
| GMW-21 | 05/04/21 | 76.23 | --- | 35.36 | --- | 40.87 |
| GMW-21 | 11/02/21 | 76.23 | --- | 36.36 | --- | 39.87 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-22 | 10/27/14 | 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-22 | 11/02/20 | 77.24 | --- | 36.08 | --- | 41.16 |
| GMW-22 | 05/03/21 | 77.24 | --- | 36.66 | --- | 40.58 |
| GMW-22 | 11/01/21 | 77.24 | --- | 37.70 | --- | 39.54 |
| GMW-23 | 11/20/96 | 74.85 | 26.66 | 28.42 | 1.76 | 47.84 |
| GMW-23 | 07/01/97 | 74.85 | 28.99 | 30.34 | 1.35 | 45.59 |
| GMW-23 | 12/31/97 | 74.85 | 28.04 | 28.92 | 0.88 | 46.63 |
| GMW-23 | 05/01/98 | 74.85 | 25.43 | 25.44 | 0.01 | 49.42 |
| GMW-23 | 05/04/99 | 74.85 | 26.65 | 27.09 | 0.44 | 48.11 |
| GMW-23 | 08/09/99 | 74.85 | 26.39 | 28.52 | 2.13 | 48.03 |
| GMW-23 | 11/15/99 | 74.85 | 26.79 | 29.60 | 2.81 | 47.50 |
| GMW-23 | 05/15/00 | 74.85 | 26.90 | 29.87 | 2.97 | 47.36 |
| GMW-23 | 11/13/00 | 74.85 | 27.00 | 31.18 | 4.18 | 47.01 |
| GMW-23 | 05/07/01 | 74.85 | 28.62 | 28.63 | 0.01 | 46.23 |
| GMW-23 | 08/07/01 | 74.85 | 25.54 | 26.07 | 0.53 | 49.20 |
| GMW-23 | 11/05/01 | 74.85 | 25.85 | 26.32 | 0.47 | 48.91 |
| GMW-23 | 04/08/02 | 74.85 | 26.40 | 26.81 | 0.41 | 48.37 |
| GMW-23 | 10/21/02 | 74.85 | 28.07 | 28.94 | 0.87 | 46.61 |
| GMW-23 | 04/07/03 | 74.85 | 26.67 | 26.70 | 0.03 | 48.17 |
| GMW-23 | 10/06/03 | 74.85 | 26.35 | 27.32 | 0.03 | 47.55 |
| GMW-23 | 01/11/04 | 74.85 | --- | NM | --- | NC |
| GMW-23 | 04/19/04 | 74.85 | 26.94 | 26.95 | 0.01 | 47.91 |
| GMW-23 | 05/02/05 | 74.85 | --- | 23.34 | --- | 51.51 |
| GMW-23 | 10/31/05 | 74.85 | 26.08 | 26.13 | 0.05 | 48.76 |
| GMW-23 | 05/01/06 | 74.85 | --- | 23.99 | --- | 50.86 |
| GMW-23 | 12/04/06 | 74.85 | --- | 24.82 | --- | 50.03 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-23 | 04/30/07 | 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-23 | 11/02/20 | 74.85 | 33.05 | 36.90 | 3.85 | 41.03 |
| GMW-23 | 05/03/21 | 74.85 | 33.30 | 38.65 | 5.35 | 40.48 |
| GMW-23 | 08/31/21 | 74.85 | 33.27 | 38.89 | 5.62 | 40.46 |
| GMW-23 | 11/01/21 | 74.85 | 34.74 | 38.57 | 3.83 | 39.34 |
| GMW-23 | 03/10/22 | 74.85 | 33.92 | 39.89 | 5.97 | 39.74 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 12/18/08 | 74.04 | --- | 29.04 | --- | 45.00 |
| GMW-24 | 01/15/09 | 74.04 | 29.80 | 30.56 | 0.76 | 44.09 |
| GMW-24 | 03/20/09 | 74.04 | --- | 31.28 | --- | 42.76 |
| GMW-24 | 03/27/09 | 74.04 | --- | 30.45 | --- | 43.59 |
| GMW-24 | 04/21/09 | 74.04 | --- | 29.91 | --- | 44.13 |
| GMW-24 | 07/21/09 | 74.04 | --- | 32.78 | --- | 41.26 |
| GMW-24 | 10/19/09 | 74.04 | --- | NM | --- | NC |
| GMW-24 | 02/04/10 | 74.04 | 29.40 | 29.67 | 0.27 | 44.59 |
| GMW-24 | 06/22/10 | 74.04 | --- | 29.47 | --- | 44.57 |
| GMW-24 | 09/03/10 | 74.04 | --- | 29.90 | --- | 44.14 |
| GMW-24 | 10/04/10 | 74.04 | --- | 29.50 | --- | 44.54 |
| GMW-24 | 04/11/11 | 74.04 | --- | 28.21 | --- | 45.83 |
| GMW-24 | 10/10/11 | 74.04 | --- | 28.78 | --- | 45.26 |
| GMW-24 | 04/16/12 | 74.04 | 30.31 | 30.49 | 0.18 | 43.69 |
| GMW-24 | 07/09/12 | --- | --- | NM | --- | NC |
| GMW-24 | 10/15/12 | 77.48 | --- | 31.34 | --- | 46.14 |
| GMW-24 | 04/08/13 | 77.48 | --- | NM | --- | NC |
| GMW-24 | 06/14/13 | 77.48 | 32.40 | 33.35 | 0.95 | 44.89 |
| GMW-24 | 10/07/13 | 77.48 | 31.61 | 35.42 | 3.81 | 45.11 |
| GMW-24 | 04/14/14 | 77.48 | 32.01 | 37.74 | 5.73 | 44.32 |
| GMW-24 | 05/05/14 | 77.48 | 32.09 | 37.81 | 5.72 | 44.25 |
| GMW-24 | 05/12/14 | 77.48 | 32.14 | 37.52 | 5.38 | 44.26 |
| GMW-24 | 05/20/14 | 77.48 | 32.21 | 37.39 | 5.18 | 44.23 |
| GMW-24 | 05/27/14 | 77.48 | 32.90 | 37.95 | 5.05 | 43.57 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 12/03/14 | 77.48 | 32.99 | 36.87 | 3.88 | 43.71 |
| GMW-24 | 12/12/14 | 77.48 | 33.25 | 37.36 | 4.11 | 43.41 |
| GMW-24 | 12/19/14 | 77.48 | 33.31 | 37.75 | 4.44 | 43.28 |
| GMW-24 | 03/10/15 | 77.48 | --- | 36.25 | --- | 41.23 |
| GMW-24 | 04/20/15 | 77.48 | 33.82 | 36.29 | 2.47 | 43.17 |
| GMW-24 | 07/24/15 | 77.48 | 33.70 | 39.80 | 6.10 | 42.56 |
| GMW-24 | 10/20/15 | 77.48 | --- | 35.44 | --- | 42.04 |
| GMW-24 | 03/16/16 | 77.48 | --- | 38.83 | --- | 38.65 |
| GMW-24 | 04/11/16 | 77.48 | --- | 37.10 | --- | 40.38 |
| GMW-24 | 06/29/16 | 77.48 | --- | 38.20 | --- | 39.28 |
| GMW-24 | 08/22/16 | 77.48 | --- | 38.40 | --- | 39.08 |
| GMW-24 | 10/03/16 | 77.48 | --- | 39.31 | --- | 38.17 |
| GMW-24 | 10/03/16 | 77.48 | --- | 39.31 | --- | 38.17 |
| GMW-24 | 04/17/17 | 77.48 | 35.09 | 35.64 | 0.55 | 42.28 |
| GMW-24 | 10/02/17 | 77.48 | --- | 39.33 | --- | 38.15 |
| GMW-24 | 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-24 | 11/02/20 | 77.48 | --- | 36.58 | --- | 40.90 |
| GMW-24 | 05/03/21 | 77.48 | --- | 37.18 | --- | 40.30 |
| GMW-24 | 11/01/21 | 77.48 | --- | 38.48 | --- | 39.00 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-25 | 11/02/20 | 78.14 | --- | 36.98 | --- | 41.16 |
| GMW-25 | 05/03/21 | 78.14 | --- | 37.42 | --- | 40.72 |
| GMW-25 | 11/01/21 | 78.14 | --- | 38.38 | --- | 39.76 |
| GMW-26 | 11/20/96 | 74.45 | --- | 27.82 | --- | 46.63 |
| GMW-26 | 07/01/97 | 74.45 | --- | 29.03 | --- | 45.42 |
| GMW-26 | 12/31/97 | 74.45 | --- | 29.14 | --- | 45.31 |
| GMW-26 | 05/01/98 | 74.45 | --- | 25.45 | --- | 49.00 |
| GMW-26 | 05/04/99 | 74.45 | --- | 26.52 | --- | 47.93 |
| GMW-26 | 08/09/99 | 74.45 | --- | 26.55 | --- | 47.90 |
| GMW-26 | 11/15/99 | 74.45 | --- | 25.46 | --- | 48.99 |
| GMW-26 | 05/15/00 | 74.45 | --- | 26.54 | --- | 47.91 |
| GMW-26 | 11/13/00 | 74.45 | --- | 27.67 | --- | 46.78 |
| GMW-26 | 05/07/01 | 74.45 | --- | 25.84 | --- | 48.61 |
| GMW-26 | 11/05/01 | 74.45 | --- | 25.73 | --- | 48.72 |
| GMW-26 | 04/08/02 | 74.45 | --- | 26.40 | --- | 48.05 |
| GMW-26 | 10/21/02 | 74.45 | --- | 26.82 | --- | 47.63 |
| GMW-26 | 04/07/03 | 74.45 | --- | 25.28 | --- | 49.17 |
| GMW-26 | 07/07/03 | 74.52 | --- | 26.53 | --- | 47.99 |
| GMW-26 | 10/06/03 | 74.52 | --- | 26.30 | --- | 48.22 |
| GMW-26 | 01/11/04 | 74.52 | --- | 27.87 | --- | 46.65 |
| GMW-26 | 01/20/04 | 74.52 | --- | 26.83 | --- | 47.69 |
| GMW-26 | 04/19/04 | 74.52 | --- | 27.91 | --- | 46.61 |
| GMW-26 | 04/27/04 | 74.52 | --- | 27.32 | --- | 47.20 |
| GMW-26 | 06/07/04 | 74.52 | --- | 27.95 | --- | 46.57 |
| GMW-26 | 07/08/04 | 74.52 | --- | 27.72 | --- | 46.80 |
| GMW-26 | 05/02/05 | 74.52 | --- | 23.05 | --- | 51.47 |
| GMW-26 | 10/31/05 | 74.52 | --- | 23.62 | --- | 50.90 |
| GMW-26 | 05/22/06 | 74.52 | --- | 24.14 | --- | 50.38 |
| GMW-26 | 12/04/06 | 74.52 | --- | 24.69 | --- | 49.83 |
| GMW-26 | 04/30/07 | 74.52 | --- | 24.68 | --- | 49.84 |
| GMW-26 | 11/12/07 | 74.52 | --- | 25.06 | --- | 49.46 |
| GMW-26 | 04/14/08 | 74.52 | --- | 25.39 | --- | 49.13 |
| GMW-26 | 10/13/08 | 74.52 | --- | 25.92 | --- | 48.60 |
| GMW-26 | 04/20/09 | 74.52 | --- | 26.12 | --- | 48.40 |
| GMW-26 | 10/19/09 | 74.52 | --- | 26.96 | --- | 47.56 |
| GMW-26 | 05/24/10 | 74.52 | --- | 27.70 | --- | 46.82 |
| GMW-26 | 05/28/10 | 74.52 | --- | 27.47 | --- | 47.05 |
| GMW-26 | 10/04/10 | 74.52 | --- | 36.51 | --- | 38.01 |
| GMW-26 | 04/11/11 | 74.52 | --- | 27.22 | --- | 47.30 |
| GMW-26 | 10/10/11 | 74.52 | --- | 26.38 | --- | 48.14 |
| GMW-26 | 04/16/12 | 74.52 | --- | 27.86 | --- | 46.66 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GMW-26 | 05/04/20 | 74.52 | --- | 35.52 | --- | 39.00 |
| GMW-26 | 11/02/20 | 74.52 | --- | 33.59 | --- | 40.93 |
| GMW-26 | 05/03/21 | 74.52 | --- | 34.08 | --- | 40.44 |
| GMW-26 | 11/01/21 | 74.52 | --- | 34.93 | --- | 39.59 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|---------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-27 | 04/30/07 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/30/07 | 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 |
| 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-28 | 11/02/20 | 74.68 | --- | 33.47 | --- | 41.21 |
| GMW-28 | 02/24/21 | 74.68 | --- | 34.34 | --- | 40.34 |
| GMW-28 | 05/03/21 | 74.68 | --- | 34.14 | --- | 40.54 |
| GMW-28 | 08/31/21 | 74.68 | --- | 34.34 | --- | 40.34 |
| GMW-28 | 11/01/21 | 74.68 | --- | 35.09 | --- | 39.59 |
| GMW-28 | 03/10/22 | 74.68 | --- | 34.63 | --- | 40.05 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 11/13/00 | 74.86 | --- | 28.51 | --- | 46.35 |
| GMW-29 | 05/07/01 | 74.86 | --- | 28.64 | --- | 46.22 |
| GMW-29 | 05/10/01 | 74.86 | --- | 28.43 | --- | 46.43 |
| GMW-29 | 08/07/01 | 74.86 | --- | 28.25 | --- | 46.61 |
| GMW-29 | 11/05/01 | 74.86 | --- | 28.46 | --- | 46.40 |
| GMW-29 | 04/08/02 | 74.86 | --- | 26.54 | --- | 48.32 |
| GMW-29 | 10/21/02 | 74.86 | --- | 26.98 | --- | 47.88 |
| GMW-29 | 04/07/03 | 74.86 | --- | 29.20 | --- | 45.66 |
| GMW-29 | 07/07/03 | 77.57 | --- | 29.09 | --- | 48.48 |
| GMW-29 | 10/06/03 | 74.86 | --- | 29.00 | --- | 45.86 |
| GMW-29 | 01/11/04 | 77.57 | --- | 27.47 | --- | 50.10 |
| GMW-29 | 01/20/04 | 77.57 | --- | 29.46 | --- | 48.11 |
| GMW-29 | 04/19/04 | 77.57 | --- | 29.94 | --- | 47.63 |
| GMW-29 | 04/27/04 | 77.57 | --- | 29.80 | --- | 47.77 |
| GMW-29 | 06/07/04 | 77.57 | --- | 29.93 | --- | 47.64 |
| GMW-29 | 07/08/04 | 77.57 | --- | 30.06 | --- | 47.51 |
| GMW-29 | 05/02/05 | 77.57 | --- | 26.63 | --- | 50.94 |
| GMW-29 | 10/31/05 | 77.57 | --- | 25.42 | --- | 52.15 |
| GMW-29 | 05/01/06 | 77.57 | --- | 26.64 | --- | 50.93 |
| GMW-29 | 12/04/06 | 77.57 | --- | 27.34 | --- | 50.23 |
| GMW-29 | 04/30/07 | 77.57 | --- | 27.48 | --- | 50.09 |
| GMW-29 | 11/12/07 | 77.57 | --- | 27.95 | --- | 49.62 |
| GMW-29 | 04/14/08 | 77.57 | --- | 29.46 | --- | 48.11 |
| GMW-29 | 04/14/08 | 77.57 | --- | 28.31 | --- | 49.26 |
| GMW-29 | 10/13/08 | 77.57 | --- | 28.72 | --- | 48.85 |
| GMW-29 | 04/20/09 | 77.57 | --- | 28.86 | --- | 48.71 |
| GMW-29 | 10/19/09 | 77.57 | --- | 29.70 | --- | 47.87 |
| GMW-29 | 05/24/10 | 77.57 | --- | 29.92 | --- | 47.65 |
| GMW-29 | 05/28/10 | 77.57 | --- | 29.88 | --- | 47.69 |
| GMW-29 | 10/04/10 | 77.57 | --- | 27.30 | --- | 50.27 |
| GMW-29 | 04/11/11 | 77.57 | --- | 29.52 | --- | 48.05 |
| GMW-29 | 10/10/11 | 77.57 | --- | 26.50 | --- | 51.07 |
| GMW-29 | 04/16/12 | 77.57 | --- | 28.14 | --- | 49.43 |
| GMW-29 | 07/09/12 | 77.57 | --- | NM | --- | NC |
| GMW-29 | 10/15/12 | 77.57 | --- | 28.41 | --- | 49.16 |
| GMW-29 | 04/08/13 | 77.57 | --- | 28.95 | --- | 48.62 |
| GMW-29 | 10/07/13 | 77.57 | --- | 30.30 | --- | 47.27 |
| GMW-29 | 04/14/14 | 77.57 | --- | 31.62 | --- | 45.95 |
| GMW-29 | 10/27/14 | 77.57 | --- | 32.42 | --- | 45.15 |
| GMW-29 | 04/20/15 | 77.57 | --- | 32.62 | --- | 44.95 |
| GMW-29 | 10/27/15 | 77.57 | 31.86 | 35.37 | 3.51 | 45.01 |
| GMW-29 | 03/14/16 | 77.57 | --- | 36.15 | --- | 41.42 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-29 | 11/02/20 | 77.57 | --- | 34.18 | --- | 43.39 |
| GMW-29 | 02/24/21 | 77.57 | 34.38 | 34.65 | 0.27 | 43.14 |
| GMW-29 | 05/03/21 | 77.57 | 34.15 | 34.53 | 0.38 | 43.34 |
| GMW-29 | 08/31/21 | 77.57 | 34.12 | 34.78 | 0.66 | 43.32 |
| GMW-29 | 11/01/21 | 77.57 | 35.21 | 35.66 | 0.45 | 42.27 |
| GMW-29 | 03/10/22 | 77.57 | 34.81 | 35.53 | 0.72 | 42.62 |
| GMW-30 | 11/20/96 | 74.91 | 27.51 | 29.60 | 2.09 | 46.98 |
| GMW-30 | 07/01/97 | 74.91 | 28.96 | 30.32 | 1.36 | 45.68 |
| GMW-30 | 12/31/97 | 74.91 | 27.80 | 29.74 | 1.94 | 46.72 |
| GMW-30 | 05/01/98 | 74.91 | 19.11 | 24.27 | 5.16 | 54.77 |
| GMW-30 | 05/04/99 | 74.91 | 25.45 | 31.56 | 6.11 | 48.24 |
| GMW-30 | 08/09/99 | 74.91 | 25.76 | 30.10 | 4.34 | 48.28 |
| GMW-30 | 11/15/99 | 74.91 | 27.20 | 27.57 | 0.37 | 47.64 |
| GMW-30 | 05/15/00 | 74.91 | 27.27 | 27.60 | 0.33 | 47.57 |
| GMW-30 | 11/13/00 | 74.91 | 26.55 | 26.59 | 0.04 | 48.35 |
| GMW-30 | 05/07/01 | 74.91 | --- | 28.47 | --- | 46.44 |
| GMW-30 | 08/07/01 | 74.91 | --- | 25.60 | --- | 49.31 |
| GMW-30 | 11/05/01 | 74.91 | 25.96 | 26.00 | 0.04 | 48.94 |
| GMW-30 | 04/08/02 | 74.91 | 26.35 | 26.53 | 0.18 | 48.52 |
| GMW-30 | 10/21/02 | 74.91 | 27.32 | 27.51 | 0.19 | 47.55 |
| GMW-30 | 04/07/03 | 74.91 | 26.75 | 26.77 | 0.02 | 48.16 |
| GMW-30 | 10/06/03 | 74.91 | 26.45 | 26.51 | 0.06 | 48.45 |
| GMW-30 | 01/11/04 | 74.91 | 27.91 | 27.97 | 0.06 | 46.99 |
| GMW-30 | 04/19/04 | 74.91 | 27.49 | 27.60 | 0.11 | 47.40 |
| GMW-30 | 05/10/05 | 74.91 | --- | 23.63 | --- | 51.28 |
| GMW-30 | 10/31/05 | 74.91 | --- | 26.71 | --- | 48.20 |
| GMW-30 | 05/01/06 | 74.91 | --- | 23.91 | --- | 51.00 |
| GMW-30 | 12/04/06 | 74.91 | --- | 24.73 | --- | 50.18 |
| GMW-30 | 04/30/07 | 74.91 | --- | 24.99 | --- | 49.92 |
| GMW-30 | 08/28/07 | 74.91 | --- | 24.65 | --- | 50.26 |
| GMW-30 | 08/28/07 | 74.91 | --- | 24.65 | --- | 50.26 |
| GMW-30 | 11/12/07 | 74.91 | --- | 25.38 | --- | 49.53 |
| GMW-30 | 04/14/08 | 74.91 | --- | 25.65 | --- | 49.26 |
| GMW-30 | 11/04/08 | 74.91 | --- | 26.52 | --- | 48.39 |
| GMW-30 | 04/20/09 | 74.91 | --- | 26.30 | --- | 48.61 |
| GMW-30 | 10/19/09 | 74.91 | --- | 27.40 | --- | 47.51 |
| GMW-30 | 05/24/10 | 74.91 | --- | 27.32 | --- | 47.59 |
| GMW-30 | 05/28/10 | 74.91 | --- | 27.18 | --- | 47.73 |
| GMW-30 | 10/04/10 | 74.91 | --- | 27.30 | --- | 47.61 |
| GMW-30 | 01/10/11 | 74.91 | --- | 28.61 | --- | 46.30 |
| GMW-30 | 04/11/11 | 74.91 | --- | 26.43 | --- | 48.48 |
| GMW-30 | 07/11/11 | 74.91 | --- | NM | --- | NC |
| GMW-30 | 10/10/11 | 74.91 | --- | 26.55 | --- | 48.36 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-30 | 11/02/20 | 74.91 | --- | 33.76 | --- | 41.15 |
| GMW-30 | 05/03/21 | 74.91 | 34.25 | 34.29 | 0.04 | 40.65 |
| GMW-30 | 11/01/21 | 74.91 | 35.53 | 35.73 | 0.20 | 39.34 |
| GMW-31 | 11/20/96 | 76.50 | --- | 30.18 | --- | 46.32 |
| GMW-31 | 07/01/97 | 76.50 | --- | 30.11 | --- | 46.39 |
| GMW-31 | 12/31/97 | 76.50 | --- | 30.03 | --- | 46.47 |
| GMW-31 | 05/01/98 | 76.50 | --- | 27.26 | --- | 49.24 |
| GMW-31 | 05/25/99 | 76.50 | --- | 28.07 | --- | 48.43 |
| GMW-31 | 05/15/00 | 76.50 | --- | 28.70 | --- | 47.80 |
| GMW-31 | 11/13/00 | 76.50 | --- | 28.33 | --- | 48.17 |
| GMW-31 | 05/07/01 | 76.50 | --- | 27.48 | --- | 49.02 |
| GMW-31 | 04/08/02 | 76.50 | --- | 28.94 | --- | 47.56 |
| GMW-31 | 10/21/02 | 76.50 | --- | 28.72 | --- | 47.78 |
| GMW-31 | 04/07/03 | 76.50 | --- | 28.44 | --- | 48.06 |
| GMW-31 | 10/06/03 | 76.50 | --- | 28.48 | --- | 48.02 |
| GMW-31 | 04/19/04 | 76.50 | --- | 29.99 | --- | 46.51 |
| GMW-31 | 11/01/04 | 76.50 | --- | 29.16 | --- | 47.34 |
| GMW-31 | 05/02/05 | 76.50 | --- | 24.57 | --- | 51.93 |
| GMW-31 | 05/01/06 | 76.50 | --- | 26.10 | --- | 50.40 |
| GMW-31 | 08/26/06 | 76.50 | --- | 26.49 | --- | 50.01 |
| GMW-31 | 12/01/06 | 76.50 | --- | 26.84 | --- | 49.66 |
| GMW-31 | 04/30/07 | 76.50 | --- | 27.34 | --- | 49.16 |
| GMW-31 | 11/12/07 | 76.50 | --- | 27.91 | --- | 48.59 |
| GMW-31 | 04/11/08 | 76.50 | --- | 27.57 | --- | 48.93 |
| GMW-31 | 07/24/08 | 76.50 | --- | 27.91 | --- | 48.59 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-31 | 10/14/08 | 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-31 | 10/19/20 | 76.50 | --- | 33.75 | --- | 42.75 |
| GMW-31 | 11/02/20 | 76.50 | --- | 33.75 | --- | 42.75 |
| GMW-31 | 05/04/21 | 76.50 | --- | 34.97 | --- | NC |
| GMW-31 | 11/02/21 | 76.50 | --- | 34.85 | --- | 41.65 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/02/05 | 74.62 | --- | 20.42 | --- | 54.20 |
| GMW-32 | 03/06/06 | 74.62 | --- | 23.10 | --- | 51.52 |
| GMW-32 | 05/01/06 | 74.62 | --- | 22.98 | --- | 51.64 |
| GMW-32 | 08/26/06 | 74.62 | --- | 23.64 | --- | 50.98 |
| GMW-32 | 12/01/06 | 74.62 | --- | 24.50 | --- | 50.12 |
| GMW-32 | 03/21/07 | 74.62 | --- | 24.51 | --- | 50.11 |
| GMW-32 | 04/30/07 | 74.62 | --- | 25.03 | --- | 49.59 |
| GMW-32 | 08/28/07 | 74.62 | --- | 24.78 | --- | 49.84 |
| GMW-32 | 11/12/07 | 74.62 | --- | 25.62 | --- | 49.00 |
| GMW-32 | 02/05/08 | 74.62 | --- | 25.93 | --- | 48.69 |
| GMW-32 | 04/14/08 | 74.62 | --- | 25.11 | --- | 49.51 |
| GMW-32 | 07/24/08 | 74.62 | --- | 25.52 | --- | 49.10 |
| GMW-32 | 10/14/08 | 74.62 | --- | 26.35 | --- | 48.27 |
| GMW-32 | 02/10/09 | 74.62 | --- | 26.15 | --- | 48.47 |
| GMW-32 | 04/20/09 | 74.62 | --- | 27.28 | --- | 47.34 |
| GMW-32 | 07/16/09 | 74.62 | --- | 26.71 | --- | 47.91 |
| GMW-32 | 10/19/09 | 74.62 | --- | 27.24 | --- | 47.38 |
| GMW-32 | 04/08/10 | 74.62 | --- | 26.61 | --- | 48.01 |
| GMW-32 | 04/12/10 | 74.62 | --- | 26.82 | --- | 47.80 |
| GMW-32 | 04/07/11 | 74.62 | --- | 25.72 | --- | 48.90 |
| GMW-32 | 10/06/11 | 74.62 | --- | 26.71 | --- | 47.91 |
| GMW-32 | 04/12/12 | 74.62 | --- | 27.94 | --- | 46.68 |
| GMW-32 | 04/19/12 | 74.62 | --- | 27.83 | --- | 46.79 |
| GMW-32 | 01/10/13 | 74.62 | --- | 29.31 | --- | 45.31 |
| GMW-32 | 04/03/13 | 74.62 | --- | 29.34 | --- | 45.28 |
| GMW-32 | 04/08/13 | 74.62 | --- | 29.32 | --- | 45.30 |
| GMW-32 | 10/02/13 | 74.62 | --- | 29.98 | --- | 44.64 |
| GMW-32 | 04/09/14 | 74.62 | --- | 30.60 | --- | 44.02 |
| GMW-32 | 04/16/14 | 74.62 | --- | 30.30 | --- | 44.32 |
| GMW-32 | 10/27/14 | 74.62 | --- | 30.72 | --- | 43.90 |
| GMW-32 | 11/02/20 | 74.62 | --- | NM | --- | NC |
| 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-32R | 05/04/21 | 76.93 | --- | DRY | --- | DRY |
| GMW-32R | 11/03/21 | 76.93 | --- | NM | --- | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/02 | 74.88 | --- | 26.55 | --- | 48.33 |
| GMW-33 | 10/21/02 | 74.88 | --- | 27.15 | --- | 47.73 |
| GMW-33 | 04/07/03 | 74.88 | --- | 26.22 | --- | 48.66 |
| GMW-33 | 10/06/03 | 74.88 | --- | 26.06 | --- | 48.82 |
| GMW-33 | 04/19/04 | 74.88 | --- | 28.89 | --- | 45.99 |
| GMW-33 | 11/01/04 | 74.88 | --- | 27.47 | --- | 47.41 |
| GMW-33 | 05/02/05 | 74.88 | --- | 21.50 | --- | 53.38 |
| GMW-33 | 03/06/06 | 74.88 | --- | 23.94 | --- | 50.94 |
| GMW-33 | 05/01/06 | 74.88 | --- | 23.90 | --- | 50.98 |
| GMW-33 | 08/26/06 | 74.88 | --- | 24.38 | --- | 50.50 |
| GMW-33 | 12/01/06 | 74.88 | --- | 24.90 | --- | 49.98 |
| GMW-33 | 03/21/07 | 74.88 | --- | 25.61 | --- | 49.27 |
| GMW-33 | 04/30/07 | 74.88 | --- | 25.44 | --- | 49.44 |
| GMW-33 | 08/28/07 | 74.88 | --- | 25.94 | --- | 48.94 |
| GMW-33 | 11/12/07 | 74.88 | --- | 25.97 | --- | 48.91 |
| GMW-33 | 02/05/08 | 74.88 | --- | 26.87 | --- | 48.01 |
| GMW-33 | 04/11/08 | 74.88 | --- | 25.58 | --- | 49.30 |
| GMW-33 | 07/24/08 | 74.88 | --- | 26.11 | --- | 48.77 |
| GMW-33 | 10/13/08 | 74.88 | --- | 26.93 | --- | 47.95 |
| GMW-33 | 02/10/09 | 74.88 | --- | 27.05 | --- | 47.83 |
| GMW-33 | 07/16/09 | 74.88 | --- | 27.41 | --- | 47.47 |
| GMW-33 | 04/07/10 | 74.88 | --- | 26.82 | --- | 48.06 |
| GMW-33 | 10/01/10 | 74.88 | --- | 27.43 | --- | 47.45 |
| GMW-33 | 04/07/11 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 10/06/11 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/12/12 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 01/10/13 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/03/13 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 10/02/13 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/09/14 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 10/27/14 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/11/16 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 10/03/16 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/18/17 | 74.88 | --- | DRY | --- | NC |
| GMW-33 | 10/03/17 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 04/16/18 | 74.88 | --- | NM | --- | NC |
| GMW-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-33 | 11/02/20 | 74.88 | --- | NM | --- | NC |
| GMW-33 | 05/03/21 | 74.88 | --- | DRY | --- | DRY |
| GMW-33 | 11/02/21 | 74.88 | --- | NM | --- | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|---------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-35 | 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-35 | 10/19/20 | 76.12 | --- | 34.69 | --- | 41.21 |
| GMW-35 | 11/02/20 | 76.12 | --- | 34.69 | --- | 41.21 |
| 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 |
| 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-35R | 05/04/21 | 75.90 | --- | 39.12 | --- | 36.78 |
| GMW-35R | 11/02/21 | 75.90 | --- | 36.11 | --- | 39.79 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/30/07 | 74.53 | --- | 24.40 | --- | 50.13 |
| GMW-36 | 08/28/07 | 74.53 | --- | 24.31 | --- | 50.22 |
| GMW-36 | 11/12/07 | 74.53 | 24.85 | 24.86 | 0.01 | 49.68 |
| GMW-36 | 02/19/08 | 74.53 | --- | 25.50 | --- | 49.03 |
| GMW-36 | 04/14/08 | 74.53 | --- | 24.61 | --- | 49.92 |
| GMW-36 | 08/08/08 | 74.53 | 26.14 | 26.20 | 0.06 | 48.38 |
| GMW-36 | 10/16/08 | 74.77 | 26.09 | 26.11 | 0.02 | 48.68 |
| GMW-36 | 12/18/08 | 74.53 | 28.65 | 28.70 | 0.05 | 45.87 |
| GMW-36 | 01/15/09 | 74.53 | 27.45 | 27.73 | 0.28 | 47.02 |
| GMW-36 | 02/20/09 | 74.53 | 26.35 | 26.39 | 0.04 | 48.17 |
| GMW-36 | 02/23/09 | 74.53 | 25.80 | 26.13 | 0.33 | 48.66 |
| GMW-36 | 03/24/09 | 74.53 | --- | 29.83 | --- | 44.70 |
| GMW-36 | 04/20/09 | 74.53 | 25.59 | 25.63 | 0.04 | 48.93 |
| GMW-36 | 07/17/09 | 74.53 | --- | 27.40 | --- | 47.13 |
| GMW-36 | 07/20/09 | 74.53 | --- | 25.90 | --- | 48.63 |
| GMW-36 | 07/21/09 | 74.53 | --- | 26.03 | --- | 48.50 |
| GMW-36 | 07/22/09 | 74.53 | --- | 25.90 | --- | 48.63 |
| GMW-36 | 10/19/09 | 74.53 | 26.45 | 26.56 | 0.11 | 48.06 |
| GMW-36 | 02/04/10 | 74.53 | 26.80 | 26.93 | 0.13 | 47.70 |
| GMW-36 | 03/15/10 | 74.53 | --- | 26.80 | --- | 47.73 |
| GMW-36 | 04/16/10 | 74.53 | --- | 26.90 | --- | 47.63 |
| GMW-36 | 05/24/10 | 74.53 | 25.90 | 25.96 | 0.06 | 48.62 |
| GMW-36 | 05/28/10 | 74.53 | 25.88 | 25.94 | 0.06 | 48.64 |
| GMW-36 | 06/22/10 | 74.53 | 25.91 | 25.94 | 0.03 | 48.61 |
| GMW-36 | 07/12/10 | 74.53 | --- | NM | --- | NC |
| GMW-36 | 08/12/10 | 74.53 | --- | NM | --- | NC |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/25/12 | 74.53 | --- | NM | --- | NC |
| GMW-36 | 06/15/12 | --- | --- | 33.27 | --- | NC |
| GMW-36 | 07/09/12 | --- | --- | 33.71 | --- | NC |
| GMW-36 | 08/29/12 | --- | --- | NM | --- | NC |
| GMW-36 | 09/26/12 | --- | --- | NM | --- | NC |
| GMW-36 | 10/15/12 | 76.66 | --- | 32.11 | --- | 44.55 |
| GMW-36 | 11/29/12 | 76.66 | 31.68 | 33.93 | 2.25 | 44.53 |
| GMW-36 | 12/26/12 | 76.66 | 30.36 | 34.86 | 4.50 | 45.40 |
| GMW-36 | 01/14/13 | 76.66 | 30.42 | 34.12 | 3.70 | 45.50 |
| GMW-36 | 02/20/13 | 76.66 | --- | NM | --- | NC |
| GMW-36 | 04/10/13 | 76.66 | 29.75 | 32.42 | 2.67 | 46.38 |
| GMW-36 | 10/07/13 | 76.66 | 30.72 | 34.65 | 3.93 | 45.15 |
| GMW-36 | 04/25/14 | 76.66 | 31.12 | 34.71 | 3.59 | 44.82 |
| GMW-36 | 05/20/14 | 76.66 | 31.50 | 34.95 | 3.45 | 44.47 |
| GMW-36 | 05/27/14 | 76.66 | 31.29 | 34.53 | 3.24 | 44.72 |
| GMW-36 | 06/04/14 | 76.66 | 31.50 | 34.93 | 3.43 | 44.47 |
| GMW-36 | 08/13/14 | 76.66 | 31.27 | 34.86 | 3.59 | 44.67 |
| GMW-36 | 08/19/14 | 76.66 | 31.39 | 34.20 | 2.81 | 44.71 |
| GMW-36 | 08/29/14 | 76.66 | 31.32 | 34.31 | 2.99 | 44.74 |
| GMW-36 | 09/05/14 | 76.66 | 31.37 | 34.35 | 2.98 | 44.69 |
| GMW-36 | 09/11/14 | 76.66 | 31.23 | 35.00 | 3.77 | 44.68 |
| GMW-36 | 09/18/14 | 76.66 | 31.50 | 34.42 | 2.92 | 44.58 |
| GMW-36 | 09/26/14 | 76.66 | 31.48 | 34.15 | 2.67 | 44.65 |
| GMW-36 | 10/01/14 | 76.66 | 31.61 | 33.51 | 1.90 | 44.67 |
| GMW-36 | 10/06/14 | 76.66 | 31.63 | 33.29 | 1.66 | 44.70 |
| GMW-36 | 10/14/14 | 76.66 | 31.55 | 33.48 | 1.93 | 44.72 |
| GMW-36 | 10/23/14 | 76.66 | 31.57 | 33.64 | 2.07 | 44.68 |
| GMW-36 | 10/27/14 | 76.66 | 31.79 | 33.02 | 1.23 | 44.62 |
| GMW-36 | 11/03/14 | 76.66 | 31.57 | 33.75 | 2.18 | 44.65 |
| GMW-36 | 11/18/14 | 76.66 | 31.75 | 33.17 | 1.42 | 44.63 |
| GMW-36 | 11/25/14 | 76.66 | 31.86 | 33.13 | 1.27 | 44.55 |
| GMW-36 | 12/03/14 | 76.66 | 31.75 | 32.93 | 1.18 | 44.67 |
| GMW-36 | 04/20/15 | 76.66 | 32.20 | 33.64 | 1.44 | 44.17 |
| 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-36 | 11/02/20 | 76.66 | --- | NM | --- | NC |
| GMW-36 | 02/24/21 | 76.66 | --- | 35.18 | --- | 41.48 |
| GMW-36 | 05/03/21 | 76.66 | --- | 30.69 | --- | 45.97 |
| GMW-36 | 08/31/21 | 76.66 | --- | 30.47 | --- | 46.19 |
| GMW-36 | 11/01/21 | 76.66 | --- | 37.95 | --- | 38.71 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 03/10/22 | 76.66 | --- | 27.29 | --- | 49.37 |
| GMW-37 | 11/20/96 | 77.32 | --- | 29.76 | --- | 47.56 |
| GMW-37 | 07/01/97 | 77.32 | --- | 28.37 | --- | 48.95 |
| GMW-37 | 12/31/97 | 77.32 | --- | 28.71 | --- | 48.61 |
| GMW-37 | 05/03/99 | 77.32 | --- | 27.76 | --- | 49.56 |
| GMW-37 | 08/09/99 | 77.32 | --- | 28.10 | --- | 49.22 |
| GMW-37 | 11/15/99 | 77.32 | --- | 28.57 | --- | 48.75 |
| GMW-37 | 05/15/00 | 77.32 | --- | 28.19 | --- | 49.13 |
| GMW-37 | 11/13/00 | 77.32 | --- | 28.89 | --- | 48.43 |
| GMW-37 | 02/05/01 | 77.32 | --- | 28.65 | --- | 48.67 |
| GMW-37 | 05/07/01 | 77.32 | --- | 26.94 | --- | 50.38 |
| GMW-37 | 09/18/01 | 77.32 | --- | 27.43 | --- | 49.89 |
| GMW-37 | 11/05/01 | 77.32 | --- | 27.56 | --- | 49.76 |
| GMW-37 | 01/29/02 | 77.32 | --- | 27.89 | --- | 49.43 |
| GMW-37 | 04/08/02 | 77.32 | --- | 27.94 | --- | 49.38 |
| GMW-37 | 10/21/02 | 77.32 | --- | 29.11 | --- | 48.21 |
| GMW-37 | 01/27/03 | 77.32 | --- | 28.74 | --- | 48.58 |
| GMW-37 | 04/07/03 | 77.32 | --- | 28.30 | --- | 49.02 |
| GMW-37 | 07/31/03 | 77.32 | --- | 28.02 | --- | 49.30 |
| GMW-37 | 10/06/03 | 77.32 | --- | 27.92 | --- | 49.40 |
| GMW-37 | 01/11/04 | 77.32 | --- | 29.62 | --- | 47.70 |
| GMW-37 | 01/27/04 | 77.32 | --- | 28.81 | --- | 48.51 |
| GMW-37 | 04/19/04 | 77.32 | --- | 28.91 | --- | 48.41 |
| GMW-37 | 07/19/04 | 77.32 | --- | 28.91 | --- | 48.41 |
| GMW-37 | 02/01/05 | 77.32 | --- | 27.77 | --- | 49.55 |
| GMW-37 | 05/02/05 | 77.32 | --- | 23.34 | --- | 53.98 |
| GMW-37 | 08/01/05 | 77.32 | --- | 24.61 | --- | 52.71 |
| GMW-37 | 10/31/05 | 77.32 | --- | 25.35 | --- | 51.97 |
| GMW-37 | 02/27/06 | 77.32 | --- | 25.81 | --- | 51.51 |
| GMW-37 | 05/01/06 | 77.32 | --- | 25.86 | --- | 51.46 |
| GMW-37 | 09/18/06 | 77.32 | --- | 24.62 | --- | 52.70 |
| GMW-37 | 12/04/06 | 77.32 | --- | 26.83 | --- | 50.49 |
| GMW-37 | 04/30/07 | 77.32 | --- | 27.18 | --- | 50.14 |
| GMW-37 | 11/12/07 | 77.32 | --- | 27.61 | --- | 49.71 |
| GMW-37 | 04/14/08 | 77.32 | --- | 27.60 | --- | 49.72 |
| GMW-37 | 10/13/08 | 77.32 | --- | 28.56 | --- | 48.76 |
| GMW-37 | 04/20/09 | 77.32 | --- | 28.54 | --- | 48.78 |
| GMW-37 | 10/19/09 | 77.32 | --- | 29.47 | --- | 47.85 |
| GMW-37 | 05/24/10 | 77.32 | --- | 29.25 | --- | 48.07 |
| GMW-37 | 05/28/10 | 77.32 | --- | 29.20 | --- | 48.12 |
| GMW-37 | 10/04/10 | 77.32 | --- | 29.50 | --- | 47.82 |
| GMW-37 | 01/10/11 | 77.32 | --- | 29.90 | --- | 47.42 |
| GMW-37 | 04/11/11 | 77.32 | --- | 28.31 | --- | 49.01 |
| GMW-37 | 07/11/11 | 77.32 | --- | NM | --- | NC |
| GMW-37 | 10/10/11 | 77.32 | --- | 29.00 | --- | 48.32 |
| GMW-37 | 01/09/12 | 77.32 | --- | 29.72 | --- | 47.60 |
| GMW-37 | 04/16/12 | 77.32 | --- | 30.10 | --- | 47.22 |
| GMW-37 | 07/09/12 | 77.32 | --- | 30.86 | --- | 46.46 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-37 | 11/02/20 | 77.32 | --- | 34.00 | --- | 43.32 |
| GMW-37 | 05/03/21 | 77.32 | --- | 35.94 | --- | 41.38 |
| GMW-37 | 11/01/21 | 77.32 | --- | 39.02 | --- | 38.30 |
| GMW-38 | 11/20/96 | 75.47 | --- | 28.09 | --- | 47.38 |
| GMW-38 | 05/03/99 | 75.47 | --- | 26.08 | --- | 49.39 |
| GMW-38 | 08/09/99 | 75.47 | --- | 26.42 | --- | 49.05 |
| GMW-38 | 11/15/99 | 75.47 | --- | 26.97 | --- | 48.50 |
| GMW-38 | 05/15/00 | 75.47 | --- | 26.53 | --- | 48.94 |
| GMW-38 | 11/13/00 | 75.47 | --- | 27.24 | --- | 48.23 |
| GMW-38 | 05/07/01 | 75.47 | --- | 25.14 | --- | 50.33 |
| GMW-38 | 11/05/01 | 75.47 | --- | 25.84 | --- | 49.63 |
| GMW-38 | 02/01/02 | 75.47 | --- | 25.91 | --- | 49.56 |
| GMW-38 | 04/08/02 | 75.47 | --- | 26.52 | --- | 48.95 |
| GMW-38 | 10/21/02 | 75.47 | --- | 27.39 | --- | 48.08 |
| GMW-38 | 01/27/03 | 75.47 | --- | 27.05 | --- | 48.42 |
| GMW-38 | 04/07/03 | 75.47 | --- | 26.47 | --- | 49.00 |
| GMW-38 | 07/31/03 | 75.47 | --- | 26.26 | --- | 49.21 |
| GMW-38 | 10/06/03 | 75.47 | --- | 26.51 | --- | 48.96 |
| GMW-38 | 01/11/04 | 75.47 | --- | 27.91 | --- | 47.56 |
| GMW-38 | 01/27/04 | 75.47 | --- | 27.04 | --- | 48.43 |
| GMW-38 | 04/19/04 | 75.47 | --- | 27.15 | --- | 48.32 |
| GMW-38 | 07/19/04 | 75.47 | --- | 27.26 | --- | 48.21 |
| GMW-38 | 02/01/05 | 75.47 | --- | 25.99 | --- | 49.48 |
| GMW-38 | 05/02/05 | 75.47 | --- | 28.53 | --- | 46.94 |
| GMW-38 | 08/01/05 | 75.47 | --- | 22.91 | --- | 52.56 |
| GMW-38 | 10/31/05 | 75.47 | --- | 23.65 | --- | 51.82 |
| GMW-38 | 02/27/06 | 75.47 | --- | 24.04 | --- | 51.43 |
| GMW-38 | 05/01/06 | 75.47 | --- | 24.09 | --- | 51.38 |
| GMW-38 | 09/18/06 | 75.47 | --- | 24.85 | --- | 50.62 |
| GMW-38 | 12/04/06 | 75.47 | --- | 25.07 | --- | 50.40 |
| GMW-38 | 03/12/07 | 75.47 | --- | 25.48 | --- | 49.99 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/30/07 | 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-38 | 11/02/20 | 75.47 | --- | 32.14 | --- | 43.33 |
| GMW-38 | 05/03/21 | 75.47 | --- | 34.15 | --- | 41.32 |
| GMW-38 | 11/01/21 | 75.47 | --- | 36.75 | --- | 38.72 |
| GMW-39 | 11/20/96 | 75.05 | --- | 27.68 | --- | 47.37 |
| GMW-39 | 05/03/99 | 75.05 | --- | 25.50 | --- | 49.55 |
| GMW-39 | 08/09/99 | 75.05 | --- | 25.99 | --- | 49.06 |
| GMW-39 | 11/15/99 | 75.05 | --- | 26.52 | --- | 48.53 |
| GMW-39 | 05/15/00 | 75.05 | --- | 25.95 | --- | 49.10 |
| GMW-39 | 11/13/00 | 75.05 | --- | 26.88 | --- | 48.17 |
| GMW-39 | 05/07/01 | 75.05 | --- | 24.64 | --- | 50.41 |
| GMW-39 | 11/05/01 | 75.05 | --- | 25.28 | --- | 49.77 |
| GMW-39 | 02/01/02 | 75.05 | --- | 25.20 | --- | 49.85 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/02 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/11/16 | 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-39 | 11/02/20 | 75.05 | --- | 31.40 | --- | 43.65 |
| GMW-39 | 05/03/21 | 75.05 | --- | 33.86 | --- | 41.19 |
| GMW-39 | 11/01/21 | 75.05 | --- | 36.46 | --- | 38.59 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-40 | 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-40 | 11/02/20 | 73.13 | --- | NM | --- | NC |
| GMW-40 | 05/04/21 | 73.13 | --- | NM | --- | NC |
| GMW-40 | 11/02/21 | --- | --- | NM | --- | NC |
| GMW-41 | 11/20/96 | 74.46 | --- | 27.92 | --- | 46.54 |
| GMW-41 | 07/01/97 | 74.46 | --- | 28.31 | --- | 46.15 |
| GMW-41 | 12/31/97 | 74.46 | --- | 27.81 | --- | 46.65 |
| GMW-41 | 05/01/98 | 74.46 | --- | 25.10 | --- | 49.36 |
| GMW-41 | 05/25/99 | 74.46 | --- | 26.02 | --- | 48.44 |
| GMW-41 | 05/15/00 | 74.46 | --- | 26.69 | --- | 47.77 |
| GMW-41 | 11/13/00 | 74.46 | --- | 27.32 | --- | 47.14 |
| GMW-41 | 05/07/01 | 74.46 | --- | 25.45 | --- | 49.01 |
| GMW-41 | 04/08/02 | 74.46 | --- | 26.36 | --- | 48.10 |
| GMW-41 | 10/21/02 | 74.46 | --- | 26.85 | --- | 47.61 |
| GMW-41 | 04/07/03 | 74.46 | --- | 26.15 | --- | 48.31 |
| GMW-41 | 10/06/03 | 74.46 | --- | 26.22 | --- | 48.24 |
| GMW-41 | 04/19/04 | 74.46 | --- | 27.64 | --- | 46.82 |
| GMW-41 | 11/01/04 | 74.46 | --- | 27.54 | --- | 46.92 |
| GMW-41 | 05/02/05 | 74.46 | --- | 22.28 | --- | 52.18 |
| GMW-41 | 05/01/06 | 74.46 | --- | 23.87 | --- | 50.59 |
| GMW-41 | 12/01/06 | 74.46 | --- | 24.71 | --- | 49.75 |
| GMW-41 | 04/30/07 | 74.46 | --- | 25.06 | --- | 49.40 |
| GMW-41 | 11/12/07 | 74.46 | --- | 25.87 | --- | 48.59 |
| GMW-41 | 04/11/08 | 74.46 | --- | 25.44 | --- | 49.02 |
| GMW-41 | 07/24/08 | 74.46 | --- | 25.80 | --- | 48.66 |
| GMW-41 | 10/14/08 | 74.46 | --- | 26.35 | --- | 48.11 |
| GMW-41 | 02/10/09 | 74.46 | --- | 26.58 | --- | 47.88 |
| GMW-41 | 04/20/09 | 74.46 | --- | 26.61 | --- | 47.85 |
| GMW-41 | 10/19/09 | 74.46 | --- | 27.34 | --- | 47.12 |
| GMW-41 | 04/08/10 | 74.46 | --- | 26.64 | --- | 47.82 |
| GMW-41 | 04/12/10 | 74.46 | --- | 26.44 | --- | 48.02 |
| GMW-41 | 10/04/10 | 74.46 | --- | 26.91 | --- | 47.55 |
| GMW-41 | 01/07/11 | 74.46 | --- | 27.58 | --- | 46.88 |
| GMW-41 | 04/08/11 | 74.46 | --- | 26.01 | --- | 48.45 |
| GMW-41 | 04/11/11 | 74.46 | --- | NM | --- | NC |
| GMW-41 | 07/08/11 | 74.46 | --- | 26.01 | --- | 48.45 |
| GMW-41 | 10/06/11 | 74.46 | --- | 26.61 | --- | 47.85 |
| GMW-41 | 10/10/11 | 74.46 | --- | 26.53 | --- | 47.93 |
| GMW-41 | 04/12/12 | 74.46 | --- | 27.77 | --- | 46.69 |
| GMW-41 | 04/16/12 | 74.46 | --- | 27.54 | --- | 46.92 |
| GMW-41 | 01/11/13 | 74.46 | --- | 29.47 | --- | 44.99 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-41 | 04/03/13 | 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 |
| GMW-41 | 05/04/20 | 72.69 | --- | 31.11 | --- | NC |
| GMW-41 | 11/02/20 | 74.46 | --- | 31.99 | --- | 40.70 |
| GMW-41 | 05/03/21 | 72.69 | --- | 32.34 | --- | NC |
| GMW-41 | 11/01/21 | 72.69 | --- | 33.38 | --- | 39.31 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-42 | 11/02/20 | 75.50 | --- | 34.74 | --- | 40.76 |
| GMW-42 | 05/03/21 | 75.50 | --- | 35.20 | --- | NC |
| GMW-42 | 11/01/21 | 75.50 | --- | 36.24 | --- | 39.26 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/13 | 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-43 | 11/02/20 | 74.44 | --- | 35.04 | --- | 41.03 |
| GMW-43 | 05/04/21 | 76.07 | --- | 35.44 | --- | 40.63 |
| GMW-43 | 11/02/21 | 76.07 | --- | 35.93 | --- | 40.14 |
| GMW-44 | 11/20/96 | 74.45 | --- | 28.29 | --- | 46.16 |
| GMW-44 | 07/01/97 | 74.45 | --- | 27.75 | --- | 46.70 |
| GMW-44 | 12/31/97 | 74.45 | --- | 27.90 | --- | 46.55 |
| GMW-44 | 05/01/98 | 74.45 | --- | 25.13 | --- | 49.32 |
| GMW-44 | 05/25/99 | 74.45 | --- | 25.88 | --- | 48.57 |
| GMW-44 | 05/15/00 | 74.45 | --- | 26.63 | --- | 47.82 |
| GMW-44 | 11/13/00 | 74.45 | --- | 27.16 | --- | 47.29 |
| GMW-44 | 05/07/01 | 74.45 | --- | 25.38 | --- | 49.07 |
| GMW-44 | 04/08/02 | 74.45 | --- | 26.70 | --- | 47.75 |
| GMW-44 | 10/21/02 | 74.45 | --- | 26.88 | --- | 47.57 |
| GMW-44 | 04/07/03 | 74.45 | --- | 26.30 | --- | 48.15 |
| GMW-44 | 10/06/03 | 74.45 | --- | 26.29 | --- | 48.16 |
| GMW-44 | 04/19/04 | 74.45 | --- | 28.45 | --- | 46.00 |
| GMW-44 | 05/02/05 | 74.45 | --- | 22.00 | --- | 52.45 |
| GMW-44 | 11/03/05 | 74.45 | --- | 27.21 | --- | 47.24 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-44 | 11/02/20 | 74.45 | --- | 34.65 | --- | 41.06 |
| GMW-44 | 05/03/21 | 75.71 | --- | 35.03 | --- | 40.68 |
| GMW-44 | 11/01/21 | 75.71 | --- | 35.75 | --- | 39.96 |
| GMW-45 | 11/20/96 | 75.67 | --- | 29.21 | --- | 46.46 |
| GMW-45 | 07/01/97 | 75.67 | --- | 28.32 | --- | 47.35 |
| GMW-45 | 12/31/97 | 75.67 | --- | 28.81 | --- | 46.86 |
| GMW-45 | 05/01/98 | 75.67 | --- | 25.75 | --- | 49.92 |
| GMW-45 | 05/25/99 | 75.67 | --- | 26.74 | --- | 48.93 |
| GMW-45 | 05/15/00 | 75.67 | --- | 27.68 | --- | 47.99 |
| GMW-45 | 11/13/00 | 75.67 | --- | 28.02 | --- | 47.65 |
| GMW-45 | 05/07/01 | 75.67 | --- | 28.65 | --- | 47.02 |
| GMW-45 | 04/08/02 | 75.67 | --- | 27.92 | --- | 47.75 |
| GMW-45 | 10/21/02 | 75.67 | --- | 28.33 | --- | 47.34 |
| GMW-45 | 04/07/03 | 75.67 | --- | 27.50 | --- | 48.17 |
| GMW-45 | 10/06/03 | 75.67 | --- | 27.26 | --- | 48.41 |
| GMW-45 | 04/19/04 | 75.67 | --- | 28.17 | --- | 47.50 |
| GMW-45 | 11/01/04 | 75.67 | --- | 28.35 | --- | 47.32 |
| GMW-45 | 05/02/05 | 75.67 | --- | 23.15 | --- | 52.52 |
| GMW-45 | 03/06/06 | 75.67 | --- | 25.21 | --- | 50.46 |
| GMW-45 | 05/01/06 | 75.67 | --- | 25.15 | --- | 50.52 |
| GMW-45 | 08/26/06 | 75.67 | --- | 25.53 | --- | 50.14 |
| GMW-45 | 12/01/06 | 75.67 | --- | 25.96 | --- | 49.71 |
| GMW-45 | 03/21/07 | 75.67 | --- | 26.09 | --- | 49.58 |
| GMW-45 | 04/27/07 | 75.67 | --- | 26.48 | --- | 49.19 |
| GMW-45 | 08/28/07 | 75.67 | --- | 26.42 | --- | 49.25 |
| GMW-45 | 11/12/07 | 75.67 | --- | 26.94 | --- | 48.73 |
| GMW-45 | 02/05/08 | 74.45 | --- | 27.52 | --- | 46.93 |
| GMW-45 | 04/11/08 | 75.67 | --- | 26.76 | --- | 48.91 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-45 | 11/02/20 | 75.67 | --- | 34.02 | --- | 41.65 |
| GMW-45 | 05/04/21 | 75.67 | --- | 34.42 | --- | 41.25 |
| GMW-45 | 11/02/21 | 75.67 | --- | 34.27 | --- | 41.40 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/21/02 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-47 | 04/22/19 | 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-47 | 11/02/20 | 75.98 | --- | 34.82 | --- | 41.16 |
| GMW-47 | 05/04/21 | 75.98 | --- | 35.39 | --- | 40.59 |
| GMW-47 | 11/02/21 | 75.98 | --- | 35.81 | --- | 40.17 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/13/16 | 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-48 | 11/02/20 | 75.03 | --- | 37.16 | --- | 37.87 |
| GMW-48 | 05/03/21 | 75.03 | --- | 38.11 | --- | 36.92 |
| GMW-48 | 11/02/21 | 75.03 | --- | 38.80 | --- | 36.23 |
| 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-4R | 11/02/20 | 75.13 | --- | 33.00 | --- | 42.13 |
| GMW-4R | 05/03/21 | 75.13 | --- | 34.57 | --- | 40.56 |
| GMW-4R | 11/01/21 | 75.13 | --- | 35.50 | --- | 39.63 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/15/00 | 75.16 | --- | 27.40 | --- | 47.76 |
| GMW-54 | 11/13/00 | 75.16 | --- | 26.93 | --- | 48.23 |
| GMW-54 | 05/07/01 | 75.16 | --- | 25.63 | --- | 49.53 |
| GMW-54 | 04/08/02 | 75.16 | --- | 27.06 | --- | 48.10 |
| GMW-54 | 10/21/02 | 75.16 | --- | 27.43 | --- | 47.73 |
| GMW-54 | 04/07/03 | 75.16 | --- | 26.78 | --- | 48.38 |
| GMW-54 | 10/06/03 | 75.16 | --- | 26.95 | --- | 48.21 |
| GMW-54 | 04/19/04 | 75.16 | --- | 28.33 | --- | 46.83 |
| GMW-54 | 11/01/04 | 75.16 | --- | 28.11 | --- | 47.05 |
| GMW-54 | 05/02/05 | 75.16 | --- | 22.06 | --- | 53.10 |
| GMW-54 | 05/01/06 | 75.16 | --- | 24.45 | --- | 50.71 |
| GMW-54 | 12/01/06 | 75.16 | --- | 25.36 | --- | 49.80 |
| 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-54 | 10/19/20 | 75.16 | --- | 33.68 | --- | 42.33 |
| GMW-54 | 11/02/20 | 75.16 | --- | 33.68 | --- | 42.33 |
| GMW-54 | 05/03/21 | 74.73 | --- | 34.34 | --- | 40.39 |
| GMW-54 | 11/02/21 | 74.73 | --- | 34.86 | --- | 39.87 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-55 | 11/01/04 | 74.60 | --- | 27.59 | --- | 47.01 |
| GMW-55 | 05/02/05 | 74.60 | --- | 22.33 | --- | 52.27 |
| GMW-55 | 05/01/06 | 74.60 | --- | 23.94 | --- | 50.66 |
| GMW-55 | 12/01/06 | 74.60 | --- | 24.78 | --- | 49.82 |
| GMW-55 | 04/30/07 | 74.60 | --- | 25.11 | --- | 49.49 |
| GMW-55 | 11/12/07 | 74.60 | --- | 25.89 | --- | 48.71 |
| GMW-55 | 04/11/08 | 74.60 | --- | 25.46 | --- | 49.14 |
| GMW-55 | 10/14/08 | 74.60 | --- | 26.38 | --- | 48.22 |
| GMW-55 | 04/20/09 | 74.60 | --- | 28.31 | --- | 46.29 |
| GMW-55 | 04/08/10 | 74.60 | --- | 26.66 | --- | 47.94 |
| GMW-55 | 10/01/10 | 74.60 | --- | 27.15 | --- | 47.45 |
| GMW-55 | 01/07/11 | 74.60 | --- | 27.61 | --- | 46.99 |
| GMW-55 | 04/12/12 | 74.60 | --- | NM | --- | NC |
| GMW-56 | 05/25/99 | 76.50 | --- | 27.58 | --- | 48.92 |
| GMW-56 | 05/25/99 | 76.52 | --- | 27.58 | --- | 48.94 |
| GMW-56 | 05/15/00 | 76.52 | --- | 28.42 | --- | 48.10 |
| GMW-56 | 11/13/00 | 76.52 | --- | 28.85 | --- | 47.67 |
| GMW-56 | 05/07/01 | 76.52 | --- | 27.39 | --- | 49.13 |
| GMW-56 | 04/08/02 | 76.52 | --- | 28.64 | --- | 47.88 |
| GMW-56 | 10/21/02 | 76.52 | --- | 29.01 | --- | 47.51 |
| GMW-56 | 04/07/03 | 76.52 | --- | 28.30 | --- | 48.22 |
| GMW-56 | 10/06/03 | 76.52 | --- | 28.19 | --- | 48.33 |
| GMW-56 | 04/19/04 | 76.52 | --- | 29.01 | --- | 47.51 |
| GMW-56 | 11/01/04 | 76.50 | --- | 29.11 | --- | 47.39 |
| GMW-56 | 05/02/05 | 76.52 | --- | 24.11 | --- | 52.41 |
| GMW-56 | 03/06/06 | 76.52 | --- | 25.88 | --- | 50.64 |
| GMW-56 | 05/01/06 | 76.52 | --- | 25.98 | --- | 50.54 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GMW-56 | 10/19/20 | 76.50 | --- | 34.19 | --- | 42.33 |
| GMW-56 | 11/02/20 | 76.50 | --- | 34.19 | --- | 42.33 |
| GMW-56 | 05/03/21 | 76.52 | --- | 34.69 | --- | 41.83 |
| GMW-56 | 11/01/21 | 76.52 | --- | 35.04 | --- | 41.48 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/20/09 | 76.66 | --- | 28.33 | --- | 48.33 |
| GMW-57 | 07/16/09 | 76.66 | --- | 28.87 | --- | 47.79 |
| GMW-57 | 07/21/09 | 76.66 | --- | 28.90 | --- | 47.76 |
| GMW-57 | 10/19/09 | 76.66 | --- | 29.30 | --- | 47.36 |
| GMW-57 | 01/11/10 | 76.66 | --- | 29.93 | --- | 46.73 |
| GMW-57 | 04/07/10 | 76.66 | --- | 29.05 | --- | 47.61 |
| GMW-57 | 04/12/10 | 76.66 | --- | 28.55 | --- | 48.11 |
| GMW-57 | 01/06/11 | 76.66 | --- | 29.87 | --- | 46.79 |
| GMW-57 | 04/07/11 | 76.66 | --- | 28.13 | --- | 48.53 |
| GMW-57 | 07/07/11 | 76.66 | --- | 28.53 | --- | 48.13 |
| GMW-57 | 10/06/11 | 76.66 | --- | 29.12 | --- | 47.54 |
| GMW-57 | 01/09/12 | 76.66 | --- | 29.48 | --- | 47.18 |
| GMW-57 | 04/12/12 | 76.66 | --- | 30.15 | --- | 46.51 |
| GMW-57 | 04/17/12 | 76.66 | --- | 29.85 | --- | 46.81 |
| GMW-57 | 01/10/13 | 76.66 | --- | 31.18 | --- | 45.48 |
| GMW-57 | 04/02/13 | 76.66 | --- | 31.18 | --- | 45.48 |
| GMW-57 | 04/08/13 | 76.66 | --- | 31.04 | --- | 45.62 |
| GMW-57 | 10/01/13 | 76.66 | --- | 31.88 | --- | 44.78 |
| GMW-57 | 04/09/14 | 76.66 | --- | 32.34 | --- | 44.32 |
| GMW-57 | 04/15/14 | 76.66 | --- | 32.02 | --- | 44.64 |
| GMW-57 | 10/27/14 | 76.66 | --- | 32.69 | --- | 43.97 |
| GMW-57 | 04/20/15 | 76.66 | --- | 33.02 | --- | 43.64 |
| GMW-57 | 04/13/16 | 76.66 | --- | 34.43 | --- | 42.23 |
| GMW-57 | 10/03/16 | 76.66 | --- | 34.86 | --- | 41.80 |
| GMW-57 | 04/19/17 | 76.66 | --- | 34.21 | --- | 42.45 |
| GMW-57 | 10/03/17 | 76.66 | --- | 34.80 | --- | 41.86 |
| GMW-57 | 04/16/18 | 76.66 | --- | 35.52 | --- | 41.14 |
| GMW-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-57 | 10/19/20 | 76.66 | --- | 35.38 | --- | 41.28 |
| GMW-57 | 11/02/20 | 76.66 | --- | 35.38 | --- | 41.28 |
| GMW-57 | 05/04/21 | 76.66 | --- | 36.45 | --- | 40.21 |
| GMW-57 | 11/02/21 | 76.66 | --- | 36.32 | --- | 40.34 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-58 | 11/02/20 | 75.46 | --- | 34.72 | --- | 40.76 |
| GMW-58 | 05/03/21 | 75.48 | --- | 35.93 | --- | 39.55 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-58 | 11/01/21 | 75.48 | --- | 35.98 | --- | 39.50 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-59 | 10/19/20 | 75.28 | --- | 32.57 | --- | 42.71 |
| GMW-59 | 11/02/20 | 75.28 | --- | 32.57 | --- | 42.71 |
| GMW-59 | 05/04/21 | 75.28 | --- | 33.25 | --- | 42.03 |
| GMW-59 | 11/02/21 | 75.28 | --- | 33.40 | --- | 41.88 |
| GMW-60 | 11/01/04 | 76.24 | --- | 28.70 | --- | 47.54 |
| GMW-60 | 02/28/05 | 76.24 | --- | 24.90 | --- | 51.34 |
| GMW-60 | 05/02/05 | 76.24 | --- | 23.04 | --- | 53.20 |
| GMW-60 | 03/06/06 | 76.24 | --- | 25.30 | --- | 50.94 |
| GMW-60 | 05/01/06 | 76.24 | --- | 25.54 | --- | 50.70 |
| GMW-60 | 08/26/06 | 76.24 | --- | 25.87 | --- | 50.37 |
| GMW-60 | 12/01/06 | 76.24 | --- | 26.34 | --- | 49.90 |
| GMW-60 | 03/21/07 | 76.24 | --- | 26.75 | --- | 49.49 |
| GMW-60 | 04/27/07 | 76.24 | --- | 26.94 | --- | 49.30 |
| GMW-60 | 08/28/07 | 76.24 | --- | 27.03 | --- | 49.21 |
| GMW-60 | 11/12/07 | 76.24 | --- | 27.41 | --- | 48.83 |
| GMW-60 | 02/05/08 | 76.24 | --- | 27.92 | --- | 48.32 |
| GMW-60 | 04/11/08 | 76.24 | --- | 27.05 | --- | 49.19 |
| GMW-60 | 07/24/08 | 76.24 | --- | 27.64 | --- | 48.60 |
| GMW-60 | 10/13/08 | 76.24 | --- | 28.46 | --- | 47.78 |
| GMW-60 | 02/09/09 | 76.24 | --- | 28.27 | --- | 47.97 |
| GMW-60 | 04/20/09 | 76.24 | --- | 28.21 | --- | 48.03 |
| GMW-60 | 07/16/09 | 76.24 | --- | 28.37 | --- | 47.87 |
| GMW-60 | 07/20/09 | 76.24 | --- | 28.61 | --- | 47.63 |
| GMW-60 | 10/19/09 | 76.24 | --- | 28.81 | --- | 47.43 |
| GMW-60 | 01/11/10 | 76.24 | --- | 29.53 | --- | 46.71 |
| GMW-60 | 04/07/10 | 76.24 | --- | 28.54 | --- | 47.70 |
| GMW-60 | 04/12/10 | 76.24 | --- | 28.04 | --- | 48.20 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-60 | 10/19/20 | 76.24 | --- | 34.72 | --- | 41.52 |
| GMW-60 | 11/02/20 | 76.24 | --- | 34.72 | --- | 41.52 |
| GMW-60 | 05/03/21 | 76.24 | --- | 35.53 | --- | 40.71 |
| GMW-60 | 11/01/21 | 76.24 | --- | 35.50 | --- | 40.74 |
| GMW-61 | 11/01/04 | 75.60 | --- | 28.02 | --- | 47.58 |
| GMW-61 | 02/28/05 | 75.60 | --- | 23.81 | --- | 51.79 |
| GMW-61 | 05/02/05 | 75.60 | --- | 22.18 | --- | 53.42 |
| GMW-61 | 03/06/06 | 75.60 | --- | 24.53 | --- | 51.07 |
| GMW-61 | 05/01/06 | 75.60 | --- | 24.64 | --- | 50.96 |
| GMW-61 | 08/26/06 | 75.60 | --- | 25.13 | --- | 50.47 |
| GMW-61 | 12/01/06 | 75.60 | --- | 25.60 | --- | 50.00 |
| GMW-61 | 03/21/07 | 75.60 | --- | 26.01 | --- | 49.59 |
| GMW-61 | 04/27/07 | 75.60 | --- | 26.25 | --- | 49.35 |
| GMW-61 | 08/28/07 | 75.60 | --- | 26.21 | --- | 49.39 |
| GMW-61 | 11/12/07 | 75.60 | --- | 26.67 | --- | 48.93 |
| GMW-61 | 02/05/08 | 75.60 | --- | 27.17 | --- | 48.43 |
| GMW-61 | 04/11/08 | 75.60 | --- | 26.29 | --- | 49.31 |
| GMW-61 | 07/24/08 | 75.60 | --- | 27.01 | --- | 48.59 |
| GMW-61 | 10/13/08 | 75.60 | --- | 27.73 | --- | 47.87 |
| GMW-61 | 02/09/09 | 75.60 | --- | 27.56 | --- | 48.04 |
| GMW-61 | 04/20/09 | 75.60 | --- | 27.14 | --- | 48.46 |
| GMW-61 | 07/16/09 | 75.60 | --- | 27.69 | --- | 47.91 |
| GMW-61 | 07/20/09 | 75.60 | --- | 27.84 | --- | 47.76 |
| GMW-61 | 10/19/09 | 75.60 | --- | 28.22 | --- | 47.38 |
| GMW-61 | 01/11/10 | 75.60 | --- | 28.81 | --- | 46.79 |
| GMW-61 | 04/07/10 | 75.60 | --- | 27.67 | --- | 47.93 |
| GMW-61 | 04/12/10 | 75.60 | --- | 27.22 | --- | 48.38 |
| GMW-61 | 01/08/11 | 75.60 | --- | 28.37 | --- | 47.23 |
| GMW-61 | 04/08/11 | 75.60 | --- | 26.68 | --- | 48.92 |
| GMW-61 | 07/07/11 | 75.60 | --- | 27.23 | --- | 48.37 |
| GMW-61 | 10/06/11 | 75.60 | --- | 27.92 | --- | 47.68 |
| GMW-61 | 01/10/12 | 75.60 | --- | 28.41 | --- | 47.19 |
| GMW-61 | 04/12/12 | 75.60 | --- | 29.06 | --- | 46.54 |
| GMW-61 | 04/19/12 | 75.60 | --- | 28.71 | --- | 46.89 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 01/11/13 | 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-61 | 11/02/20 | 75.60 | --- | 34.04 | --- | 41.56 |
| GMW-61 | 05/03/21 | 75.60 | --- | 34.47 | --- | 41.13 |
| GMW-61 | 11/03/21 | 75.60 | --- | 35.45 | --- | 40.15 |
| GMW-62 | 07/02/07 | 76.34 | --- | 27.03 | --- | 49.31 |
| GMW-62 | 02/05/08 | 76.34 | --- | 27.79 | --- | 48.55 |
| GMW-62 | 04/14/08 | 76.34 | --- | 26.87 | --- | 49.47 |
| GMW-62 | 07/24/08 | 76.34 | --- | 27.98 | --- | 48.36 |
| GMW-62 | 10/14/08 | 76.34 | --- | 28.24 | --- | 48.10 |
| GMW-62 | 02/10/09 | 76.34 | --- | 28.31 | --- | 48.03 |
| GMW-62 | 04/20/09 | 76.34 | --- | 27.94 | --- | 48.40 |
| GMW-62 | 07/17/09 | 76.34 | --- | 28.15 | --- | 48.19 |
| GMW-62 | 07/21/09 | 76.34 | --- | 28.30 | --- | 48.04 |
| GMW-62 | 10/19/09 | 76.34 | --- | 29.00 | --- | 47.34 |
| GMW-62 | 01/11/10 | 76.34 | --- | 29.51 | --- | 46.83 |
| GMW-62 | 04/12/10 | 76.34 | --- | 28.24 | --- | 48.10 |
| GMW-62 | 01/10/11 | 76.34 | 28.78 | 29.08 | 0.30 | 47.50 |
| GMW-62 | 04/07/11 | 76.34 | 26.89 | 28.57 | 1.68 | 49.11 |
| GMW-62 | 07/07/11 | 76.34 | 28.03 | 28.14 | 0.11 | 48.29 |
| GMW-62 | 10/06/11 | 76.34 | 28.45 | 29.39 | 0.94 | 47.70 |
| GMW-62 | 01/09/12 | 76.34 | 28.97 | 29.02 | 0.05 | 47.36 |
| GMW-62 | 04/12/12 | 76.34 | 29.58 | 29.68 | 0.10 | 46.74 |
| GMW-62 | 04/18/12 | 76.34 | 29.40 | 29.46 | 0.06 | 46.93 |
| GMW-62 | 01/11/13 | 76.34 | --- | 30.62 | --- | 45.72 |
| GMW-62 | 04/03/13 | 76.34 | 30.42 | 31.36 | 0.94 | 45.73 |
| GMW-62 | 04/08/13 | 76.34 | 30.35 | 32.13 | 1.78 | 45.63 |
| GMW-62 | 10/02/13 | 76.34 | 31.00 | 32.33 | 1.33 | 45.07 |
| GMW-62 | 04/09/14 | 76.34 | 31.02 | 33.50 | 2.48 | 44.82 |
| GMW-62 | 04/15/14 | 76.34 | 31.02 | 33.71 | 2.69 | 44.78 |
| GMW-62 | 10/27/14 | 76.34 | 32.14 | 37.77 | 5.63 | 43.07 |
| GMW-62 | 04/20/15 | 76.34 | 32.97 | 32.98 | 0.01 | 43.37 |
| GMW-62 | 04/11/16 | 76.34 | 34.39 | 34.40 | 0.01 | 41.95 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-62 | 11/02/20 | 76.34 | --- | 34.71 | --- | 41.63 |
| GMW-62 | 05/03/21 | 76.34 | --- | 35.35 | --- | 40.99 |
| GMW-62 | 11/01/21 | 76.34 | --- | 35.82 | --- | 40.52 |
| 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-63 | 11/02/20 | 77.32 | --- | 35.41 | --- | 41.91 |
| GMW-63 | 05/03/21 | 77.32 | --- | 35.99 | --- | 41.33 |
| GMW-63 | 11/01/21 | 77.32 | --- | 36.03 | --- | 41.29 |
| GMW-64 | 10/14/08 | 75.84 | --- | 27.60 | --- | 48.24 |
| GMW-64 | 02/10/09 | 75.84 | --- | 27.47 | --- | 48.37 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/20/09 | 75.84 | --- | 27.00 | --- | 48.84 |
| GMW-64 | 07/17/09 | 75.84 | --- | 27.37 | --- | 48.47 |
| GMW-64 | 07/21/09 | 75.84 | --- | 27.52 | --- | 48.32 |
| GMW-64 | 10/19/09 | 75.84 | --- | 28.11 | --- | 47.73 |
| GMW-64 | 01/11/10 | 75.84 | --- | 28.53 | --- | 47.31 |
| GMW-64 | 04/12/10 | 75.84 | --- | 27.10 | --- | 48.74 |
| GMW-64 | 01/08/11 | 75.84 | --- | 27.81 | --- | 48.03 |
| GMW-64 | 04/07/11 | 75.84 | --- | 26.45 | --- | 49.39 |
| GMW-64 | 07/07/11 | 75.84 | --- | 27.21 | --- | 48.63 |
| GMW-64 | 10/06/11 | 75.84 | --- | 27.86 | --- | 47.98 |
| GMW-64 | 01/09/12 | 75.84 | --- | 28.21 | --- | 47.63 |
| GMW-64 | 04/12/12 | 75.84 | --- | 28.96 | --- | 46.88 |
| GMW-64 | 04/17/12 | 75.84 | --- | 28.65 | --- | 47.19 |
| GMW-64 | 01/11/13 | 75.84 | --- | 29.69 | --- | 46.15 |
| GMW-64 | 04/03/13 | 75.84 | --- | 29.72 | --- | 46.12 |
| GMW-64 | 04/08/13 | 75.84 | --- | 29.53 | --- | 46.31 |
| GMW-64 | 10/02/13 | 75.84 | --- | 30.49 | --- | 45.35 |
| GMW-64 | 04/09/14 | 75.84 | --- | 30.33 | --- | 45.51 |
| GMW-64 | 04/14/14 | 75.84 | --- | 30.22 | --- | 45.62 |
| GMW-64 | 10/27/14 | 75.84 | --- | 30.81 | --- | 45.03 |
| GMW-64 | 04/20/15 | 75.84 | --- | 31.24 | --- | 44.60 |
| GMW-64 | 04/11/16 | 75.84 | --- | 32.89 | --- | 42.95 |
| GMW-64 | 10/03/16 | 75.84 | --- | 33.45 | --- | 42.39 |
| GMW-64 | 04/17/17 | 75.84 | --- | 32.78 | --- | 43.06 |
| GMW-64 | 10/02/17 | 75.84 | --- | 32.98 | --- | 42.86 |
| GMW-64 | 04/16/18 | 75.84 | --- | 33.81 | --- | 42.03 |
| GMW-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-64 | 11/02/20 | 75.84 | --- | 33.57 | --- | 42.27 |
| GMW-64 | 05/03/21 | 75.84 | --- | 34.13 | --- | 41.71 |
| GMW-64 | 11/01/21 | 75.84 | --- | 34.42 | --- | 41.42 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/02/13 | 76.78 | --- | 31.75 | --- | 45.03 |
| GMW-65 | 04/09/14 | 76.78 | --- | 31.87 | --- | 44.91 |
| GMW-65 | 04/14/14 | 76.78 | --- | 31.68 | --- | 45.10 |
| GMW-65 | 10/27/14 | 76.78 | --- | 32.35 | --- | 44.43 |
| GMW-65 | 04/20/15 | 76.78 | --- | 32.68 | --- | 44.10 |
| GMW-65 | 04/11/16 | 76.78 | --- | 34.19 | --- | 42.59 |
| GMW-65 | 10/03/16 | 76.78 | --- | 34.75 | --- | 42.03 |
| GMW-65 | 04/17/17 | 76.78 | --- | 34.43 | --- | 42.35 |
| GMW-65 | 10/02/17 | 76.78 | --- | 34.51 | --- | 42.27 |
| GMW-65 | 04/16/18 | 76.78 | --- | 35.22 | --- | 41.56 |
| GMW-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-65 | 11/02/20 | 76.78 | --- | 35.13 | --- | 41.65 |
| GMW-65 | 05/03/21 | 76.78 | --- | 35.56 | --- | 41.22 |
| GMW-65 | 11/01/21 | 76.78 | --- | 35.91 | --- | 40.87 |
| 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-66 | 10/19/20 | 77.00 | --- | 38.00 | --- | 41.23 |
| GMW-66 | 11/02/20 | 77.00 | --- | 38.00 | --- | 41.23 |
| 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-66R | 05/03/21 | 79.23 | --- | 38.41 | --- | 40.82 |
| GMW-66R | 11/01/21 | 79.23 | --- | 38.75 | --- | 40.48 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-67 | 11/02/20 | 76.00 | --- | 34.41 | --- | 41.59 |
| GMW-67 | 05/03/21 | 76.00 | --- | 34.96 | --- | 41.04 |
| GMW-67 | 11/01/21 | 76.00 | --- | 35.29 | --- | 40.71 |
| 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-68 | 11/02/20 | 75.52 | 33.86 | 33.80 | -0.06 | 41.66 |
| GMW-68 | 05/03/21 | 75.52 | 34.44 | 34.46 | 0.02 | 41.08 |
| GMW-68 | 11/01/21 | 75.52 | 34.90 | 34.91 | 0.01 | 40.62 |
| GMW-69 | 04/11/16 | 75.31 | --- | 32.83 | --- | 42.48 |
| GMW-69 | 10/03/16 | 75.31 | --- | 33.33 | --- | 41.98 |
| GMW-69 | 04/17/17 | 75.31 | --- | 32.68 | --- | 42.63 |
| GMW-69 | 10/02/17 | 75.31 | --- | 32.99 | --- | 42.32 |
| GMW-69 | 04/16/18 | 75.31 | --- | 33.97 | --- | 41.34 |
| GMW-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-69 | 11/02/20 | 75.31 | --- | 33.39 | --- | 41.92 |
| GMW-69 | 05/03/21 | 75.31 | --- | 34.14 | --- | 41.17 |
| GMW-69 | 11/01/21 | 75.31 | --- | 34.57 | --- | 40.74 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|---------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-O-1 | 03/14/16 | 71.45 | --- | 30.66 | --- | 40.79 |
| GMW-O-1 | 04/11/16 | 71.45 | --- | 29.71 | --- | 41.74 |
| GMW-O-1 | 06/29/16 | 71.45 | --- | 30.50 | --- | 40.95 |
| GMW-O-1 | 08/22/16 | 71.45 | --- | 30.61 | --- | 40.84 |
| GMW-O-1 | 10/03/16 | 71.45 | --- | 31.20 | --- | 40.25 |
| GMW-O-1 | 10/03/16 | 71.45 | --- | 31.20 | --- | 40.25 |
| GMW-O-1 | 04/17/17 | 71.45 | --- | 29.51 | --- | 41.94 |
| GMW-O-1 | 10/02/17 | 71.45 | --- | 31.20 | --- | 40.25 |
| GMW-O-1 | 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-1 | 11/02/20 | 71.45 | --- | 30.58 | --- | 40.87 |
| GMW-O-1 | 05/03/21 | 71.45 | --- | 31.10 | --- | 40.35 |
| GMW-O-1 | 11/01/21 | 71.45 | --- | 31.73 | --- | 39.72 |
| GMW-O-2 | 11/20/96 | 72.54 | --- | 25.33 | --- | 47.21 |
| GMW-O-2 | 07/01/97 | 72.54 | --- | 25.29 | --- | 47.25 |
| GMW-O-2 | 12/31/97 | 72.54 | --- | 25.32 | --- | 47.22 |
| GMW-O-2 | 05/01/98 | 72.54 | --- | 23.10 | --- | 49.44 |
| GMW-O-2 | 05/05/99 | 72.54 | --- | 23.15 | --- | 49.39 |
| GMW-O-2 | 08/09/99 | 72.54 | --- | 23.39 | --- | 49.15 |
| GMW-O-2 | 11/15/99 | 72.54 | --- | 23.62 | --- | 48.92 |
| GMW-O-2 | 05/15/00 | 72.54 | --- | 23.59 | --- | 48.95 |
| GMW-O-2 | 11/13/00 | 72.54 | --- | 24.11 | --- | 48.43 |
| GMW-O-2 | 05/07/01 | 72.54 | --- | 23.26 | --- | 49.28 |
| GMW-O-2 | 11/05/01 | 72.54 | --- | 23.25 | --- | 49.29 |
| GMW-O-2 | 04/08/02 | 72.54 | --- | 23.52 | --- | 49.02 |
| GMW-O-2 | 07/29/02 | 72.54 | --- | 24.13 | --- | 48.41 |
| GMW-O-2 | 10/21/02 | 72.54 | --- | 24.28 | --- | 48.26 |
| GMW-O-2 | 01/14/03 | 72.54 | --- | 24.23 | --- | 48.31 |
| GMW-O-2 | 01/27/03 | 72.54 | --- | 24.10 | --- | 48.44 |
| GMW-O-2 | 04/07/03 | 72.54 | --- | 24.05 | --- | 48.49 |
| GMW-O-2 | 07/30/03 | 72.54 | --- | 23.75 | --- | 48.79 |
| GMW-O-2 | 10/06/03 | 72.54 | --- | 23.75 | --- | 48.79 |
| GMW-O-2 | 01/11/04 | 72.54 | --- | 24.78 | --- | 47.76 |
| GMW-O-2 | 01/27/04 | 72.54 | --- | 24.09 | --- | 48.45 |
| GMW-O-2 | 04/19/04 | 72.54 | --- | 24.39 | --- | 48.15 |
| GMW-O-2 | 07/19/04 | 72.54 | --- | 24.39 | --- | 48.15 |
| GMW-O-2 | 02/01/05 | 72.54 | --- | 24.06 | --- | 48.48 |
| GMW-O-2 | 05/02/05 | 72.54 | --- | 21.40 | --- | 51.14 |
| GMW-O-2 | 08/01/05 | 72.54 | --- | 20.97 | --- | 51.57 |
| GMW-O-2 | 10/31/05 | 72.54 | --- | 21.22 | --- | 51.32 |
| GMW-O-2 | 02/27/06 | 72.54 | --- | 23.10 | --- | 49.44 |
| GMW-O-2 | 05/01/06 | 72.54 | --- | 21.59 | --- | 50.95 |
| GMW-O-2 | 09/18/06 | 72.54 | --- | 22.08 | --- | 50.46 |
| GMW-O-2 | 12/04/06 | 72.54 | --- | 22.21 | --- | 50.33 |
| GMW-O-2 | 03/12/07 | 72.54 | --- | 22.50 | --- | 50.04 |
| GMW-O-2 | 04/30/07 | 72.54 | --- | 22.53 | --- | 50.01 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GMW-O-2 | 11/02/20 | 72.54 | --- | 30.97 | --- | 41.57 |
| GMW-O-2 | 05/03/21 | 72.54 | --- | 31.66 | --- | 40.88 |
| GMW-O-2 | 11/01/21 | 72.54 | --- | 32.58 | --- | 39.96 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 02/03/99 | 72.19 | --- | 22.07 | --- | 50.12 |
| GMW-O-3 | 05/07/99 | 72.19 | --- | 23.11 | --- | 49.08 |
| GMW-O-3 | 08/09/99 | 72.19 | --- | 23.20 | --- | 48.99 |
| GMW-O-3 | 11/15/99 | 72.19 | --- | 23.40 | --- | 48.79 |
| GMW-O-3 | 02/29/00 | 72.19 | --- | 23.45 | --- | 48.74 |
| GMW-O-3 | 05/15/00 | 72.19 | --- | 23.36 | --- | 48.83 |
| GMW-O-3 | 08/28/00 | 72.19 | --- | 23.95 | --- | 48.24 |
| GMW-O-3 | 11/13/00 | 72.19 | --- | 23.90 | --- | 48.29 |
| GMW-O-3 | 02/05/01 | 72.19 | --- | 23.61 | --- | 48.58 |
| GMW-O-3 | 05/07/01 | 72.19 | --- | 22.81 | --- | 49.38 |
| GMW-O-3 | 09/18/01 | 72.19 | --- | 22.55 | --- | 49.64 |
| GMW-O-3 | 11/05/01 | 72.19 | --- | 22.90 | --- | 49.29 |
| GMW-O-3 | 01/29/02 | 72.19 | --- | 23.18 | --- | 49.01 |
| GMW-O-3 | 04/08/02 | 72.19 | --- | 23.18 | --- | 49.01 |
| GMW-O-3 | 07/29/02 | 72.39 | --- | 24.05 | --- | 48.34 |
| GMW-O-3 | 10/21/02 | 72.19 | --- | 24.07 | --- | 48.12 |
| GMW-O-3 | 01/14/03 | 72.19 | --- | 23.90 | --- | 48.29 |
| GMW-O-3 | 01/27/03 | 72.19 | --- | 23.75 | --- | 48.44 |
| GMW-O-3 | 04/07/03 | 72.19 | --- | 23.53 | --- | 48.66 |
| GMW-O-3 | 07/30/03 | 72.19 | --- | 23.35 | --- | 48.84 |
| GMW-O-3 | 10/06/03 | 72.19 | --- | 23.52 | --- | 48.67 |
| GMW-O-3 | 01/11/04 | 72.19 | --- | 24.67 | --- | 47.52 |
| GMW-O-3 | 01/27/04 | 72.19 | --- | 23.79 | --- | 48.40 |
| GMW-O-3 | 04/19/04 | 72.19 | --- | 24.08 | --- | 48.11 |
| GMW-O-3 | 07/19/04 | 72.19 | --- | 24.13 | --- | 48.06 |
| GMW-O-3 | 02/01/05 | 72.19 | --- | 23.52 | --- | 48.67 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/04/10 | 72.19 | --- | 24.43 | --- | 47.76 |
| GMW-O-3 | 01/10/11 | 72.19 | --- | 25.17 | --- | 47.02 |
| GMW-O-3 | 04/11/11 | 72.19 | --- | 23.49 | --- | 48.70 |
| GMW-O-3 | 07/11/11 | 72.19 | --- | 23.36 | --- | 48.83 |
| GMW-O-3 | 10/10/11 | 72.19 | --- | 23.70 | --- | 48.49 |
| GMW-O-3 | 01/09/12 | 72.19 | --- | 24.29 | --- | 47.90 |
| GMW-O-3 | 04/16/12 | 72.19 | --- | 24.72 | --- | 47.47 |
| GMW-O-3 | 07/09/12 | 72.19 | --- | 25.29 | --- | 46.90 |
| GMW-O-3 | 10/15/12 | 72.19 | --- | 25.33 | --- | 46.86 |
| GMW-O-3 | 01/14/13 | 72.19 | --- | 26.32 | --- | 45.87 |
| GMW-O-3 | 04/08/13 | 72.19 | --- | 26.19 | --- | 46.00 |
| GMW-O-3 | 10/07/13 | 72.19 | --- | 26.93 | --- | 45.26 |
| GMW-O-3 | 04/14/14 | 72.19 | --- | 27.40 | --- | 44.79 |
| GMW-O-3 | 10/27/14 | 72.19 | --- | 27.79 | --- | 44.40 |
| GMW-O-3 | 04/20/15 | 72.19 | --- | 28.21 | --- | 43.98 |
| GMW-O-3 | 10/19/15 | 72.19 | --- | 28.94 | --- | 43.25 |
| GMW-O-3 | 03/14/16 | 72.19 | --- | 30.60 | --- | 41.59 |
| GMW-O-3 | 04/11/16 | 72.19 | --- | 30.51 | --- | 41.68 |
| GMW-O-3 | 06/29/16 | 72.19 | --- | 31.10 | --- | 41.09 |
| GMW-O-3 | 08/22/16 | 72.19 | --- | 31.02 | --- | 41.17 |
| GMW-O-3 | 10/03/16 | 72.19 | --- | 31.45 | --- | 40.74 |
| GMW-O-3 | 10/03/16 | 72.19 | --- | 31.45 | --- | 40.74 |
| GMW-O-3 | 04/17/17 | 72.19 | --- | 29.40 | --- | 42.79 |
| GMW-O-3 | 10/02/17 | 72.19 | --- | 31.55 | --- | 40.64 |
| GMW-O-3 | 04/16/18 | 72.19 | --- | 31.94 | --- | 40.25 |
| GMW-O-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-3 | 11/02/20 | 72.19 | --- | 30.50 | --- | 41.69 |
| GMW-O-3 | 05/03/21 | 72.19 | --- | 31.23 | --- | 40.96 |
| GMW-O-3 | 11/01/21 | 72.19 | --- | 33.30 | --- | 38.89 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/19/04 | 71.95 | --- | 24.44 | --- | 47.51 |
| GMW-O-4 | 05/02/05 | 71.95 | --- | 18.86 | --- | 53.09 |
| GMW-O-4 | 10/31/05 | 71.95 | --- | 19.91 | --- | 52.04 |
| GMW-O-4 | 05/01/06 | 71.95 | --- | 20.52 | --- | 51.43 |
| GMW-O-4 | 12/04/06 | 71.95 | --- | 21.17 | --- | 50.78 |
| GMW-O-4 | 04/30/07 | 71.95 | --- | 21.74 | --- | 50.21 |
| GMW-O-4 | 11/12/07 | 71.95 | --- | 22.10 | --- | 49.85 |
| GMW-O-4 | 04/14/08 | 71.95 | --- | 22.28 | --- | 49.67 |
| GMW-O-4 | 10/13/08 | 71.95 | --- | 22.93 | --- | 49.02 |
| GMW-O-4 | 04/20/09 | 71.95 | --- | 25.29 | --- | 46.66 |
| GMW-O-4 | 10/19/09 | 71.95 | --- | 24.14 | --- | 47.81 |
| GMW-O-4 | 05/24/10 | 71.95 | --- | 23.50 | --- | 48.45 |
| GMW-O-4 | 05/28/10 | 71.95 | --- | 23.47 | --- | 48.48 |
| GMW-O-4 | 10/04/10 | 71.95 | --- | 23.97 | --- | 47.98 |
| GMW-O-4 | 04/11/11 | 71.95 | --- | 23.00 | --- | 48.95 |
| GMW-O-4 | 10/10/11 | 71.95 | --- | 23.31 | --- | 48.64 |
| GMW-O-4 | 04/16/12 | 71.95 | --- | 24.45 | --- | 47.50 |
| GMW-O-4 | 07/09/12 | 71.95 | --- | NM | --- | NC |
| GMW-O-4 | 10/15/12 | 71.95 | --- | 25.14 | --- | 46.81 |
| GMW-O-4 | 04/08/13 | 71.95 | --- | 25.88 | --- | 46.07 |
| GMW-O-4 | 10/07/13 | 71.95 | --- | 26.51 | --- | 45.44 |
| GMW-O-4 | 04/14/14 | 71.95 | --- | 26.98 | --- | 44.97 |
| GMW-O-4 | 10/27/14 | 71.95 | --- | 27.42 | --- | 44.53 |
| GMW-O-4 | 04/20/15 | 71.95 | --- | 27.79 | --- | 44.16 |
| GMW-O-4 | 10/19/15 | 71.95 | --- | 28.57 | --- | 43.38 |
| GMW-O-4 | 03/14/16 | 71.95 | --- | 30.55 | --- | 41.40 |
| GMW-O-4 | 04/11/16 | 71.95 | --- | 29.80 | --- | 42.15 |
| GMW-O-4 | 06/29/16 | 71.95 | --- | 30.30 | --- | 41.65 |
| GMW-O-4 | 08/22/16 | 71.95 | --- | 30.34 | --- | 41.61 |
| GMW-O-4 | 10/03/16 | 71.95 | --- | 30.90 | --- | 41.05 |
| GMW-O-4 | 10/03/16 | 71.95 | --- | 30.90 | --- | 41.05 |
| GMW-O-4 | 04/17/17 | 71.95 | --- | 28.90 | --- | 43.05 |
| GMW-O-4 | 10/02/17 | 71.95 | --- | 30.44 | --- | 41.51 |
| GMW-O-4 | 04/16/18 | 71.95 | --- | 31.13 | --- | 40.82 |
| GMW-O-4 | 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 | 11/02/20 | 71.95 | --- | 29.70 | --- | 42.25 |
| GMW-O-4 | 05/03/21 | 71.95 | --- | 30.21 | --- | 41.74 |
| GMW-O-4 | 11/01/21 | 71.95 | --- | 32.80 | --- | 39.15 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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) | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-5 | 11/02/20 | 72.36 | --- | 30.00 | --- | 42.36 |
| GMW-O-5 | 05/03/21 | 72.36 | --- | 31.27 | --- | 41.09 |
| GMW-O-5 | 11/01/21 | 72.36 | --- | 33.81 | --- | 38.55 |
| GMW-O-6 | 11/20/96 | 71.41 | --- | 23.59 | --- | 47.82 |
| GMW-O-6 | 07/01/97 | 71.41 | --- | 23.28 | --- | 48.13 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|---------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-O-6 | 10/28/19 | 71.41 | --- | 29.93 | --- | 41.48 |
| GMW-O-6 | 05/04/20 | 71.41 | --- | 29.38 | --- | 42.03 |
| GMW-O-6 | 11/02/20 | 71.41 | --- | 29.43 | --- | 41.98 |
| GMW-O-6 | 05/03/21 | 71.41 | --- | 30.01 | --- | 41.40 |
| GMW-O-6 | 11/01/21 | 71.41 | --- | 30.82 | --- | 40.59 |
| GMW-O-7 | 05/07/99 | 70.98 | --- | 20.17 | --- | 50.81 |
| GMW-O-7 | 08/09/99 | 70.98 | --- | 20.36 | --- | 50.62 |
| GMW-O-7 | 11/15/99 | 70.98 | --- | 20.76 | --- | 50.22 |
| GMW-O-7 | 05/15/00 | 70.98 | --- | 23.52 | --- | 47.46 |
| GMW-O-7 | 11/13/00 | 70.98 | --- | 21.18 | --- | 49.80 |
| GMW-O-7 | 05/07/01 | 70.98 | --- | 20.21 | --- | 50.77 |
| GMW-O-7 | 11/05/01 | 70.98 | --- | 20.51 | --- | 50.47 |
| GMW-O-7 | 04/08/02 | 70.98 | --- | 21.38 | --- | 49.60 |
| GMW-O-7 | 10/21/02 | 70.98 | --- | 21.59 | --- | 49.39 |
| GMW-O-7 | 04/07/03 | 70.98 | --- | 21.55 | --- | 49.43 |
| GMW-O-7 | 10/06/03 | 70.98 | --- | 21.20 | --- | 49.78 |
| GMW-O-7 | 01/11/04 | 70.98 | --- | 22.16 | --- | 48.82 |
| GMW-O-7 | 04/19/04 | 70.98 | --- | 21.75 | --- | 49.23 |
| GMW-O-7 | 05/02/05 | 70.98 | --- | 18.83 | --- | 52.15 |
| GMW-O-7 | 10/31/05 | 70.98 | --- | 19.16 | --- | 51.82 |
| GMW-O-7 | 05/01/06 | 70.98 | --- | 19.42 | --- | 51.56 |
| GMW-O-7 | 12/04/06 | 70.98 | --- | 19.92 | --- | 51.06 |
| GMW-O-7 | 04/30/07 | 70.98 | --- | 20.32 | --- | 50.66 |
| GMW-O-7 | 11/12/07 | 70.98 | --- | 20.93 | --- | 50.05 |
| GMW-O-7 | 10/13/08 | 70.98 | --- | 21.43 | --- | 49.55 |
| GMW-O-7 | 04/20/09 | 70.98 | --- | 21.49 | --- | 49.49 |
| GMW-O-7 | 10/19/09 | 70.98 | --- | 21.91 | --- | 49.07 |
| GMW-O-7 | 05/24/10 | 70.98 | --- | 21.90 | --- | 49.08 |
| GMW-O-7 | 05/28/10 | 70.98 | --- | 21.95 | --- | 49.03 |
| GMW-O-7 | 10/04/10 | 70.98 | --- | 22.25 | --- | 48.73 |
| GMW-O-7 | 04/11/11 | 70.98 | --- | 21.59 | --- | 49.39 |
| GMW-O-7 | 10/10/11 | 70.98 | --- | 21.70 | --- | 49.28 |
| GMW-O-7 | 04/16/12 | 70.98 | --- | 22.40 | --- | 48.58 |
| GMW-O-7 | 07/09/12 | 70.98 | --- | NM | --- | NC |
| GMW-O-7 | 10/15/12 | 70.98 | --- | 22.83 | --- | 48.15 |
| GMW-O-7 | 04/08/13 | 70.98 | --- | 23.90 | --- | 47.08 |
| GMW-O-7 | 10/07/13 | 70.98 | --- | 24.12 | --- | 46.86 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|---------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-O-7 | 04/16/19 | 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-7 | 11/02/20 | 70.98 | --- | 28.59 | --- | 42.39 |
| GMW-O-7 | 05/03/21 | 70.98 | --- | 29.30 | --- | 41.68 |
| GMW-O-7 | 11/01/21 | 70.98 | --- | 29.75 | --- | 41.23 |
| GMW-O-8 | 11/20/96 | 70.91 | --- | 23.49 | --- | 47.42 |
| GMW-O-8 | 07/01/97 | 70.91 | --- | 23.25 | --- | 47.66 |
| GMW-O-8 | 12/31/97 | 70.91 | --- | 23.89 | --- | 47.02 |
| GMW-O-8 | 05/01/98 | 70.91 | --- | 21.52 | --- | 49.39 |
| GMW-O-8 | 05/03/99 | 70.91 | --- | 21.00 | --- | 49.91 |
| GMW-O-8 | 08/09/99 | 70.91 | --- | 21.20 | --- | 49.71 |
| GMW-O-8 | 11/15/99 | 70.91 | --- | 21.48 | --- | 49.43 |
| GMW-O-8 | 05/15/00 | 70.91 | --- | 21.60 | --- | 49.31 |
| GMW-O-8 | 11/13/00 | 70.91 | --- | 29.81 | --- | 41.10 |
| GMW-O-8 | 05/07/01 | 70.91 | --- | 21.30 | --- | 49.61 |
| GMW-O-8 | 11/05/01 | 70.91 | --- | 21.13 | --- | 49.78 |
| GMW-O-8 | 04/08/02 | 70.91 | --- | 21.36 | --- | 49.55 |
| GMW-O-8 | 10/21/02 | 70.91 | --- | 22.00 | --- | 48.91 |
| GMW-O-8 | 01/14/03 | 70.91 | --- | 22.25 | --- | 48.66 |
| GMW-O-8 | 04/07/03 | 70.91 | --- | 22.19 | --- | 48.72 |
| GMW-O-8 | 10/06/03 | 70.91 | --- | 21.76 | --- | 49.15 |
| GMW-O-8 | 01/11/04 | 70.91 | --- | 22.58 | --- | 48.33 |
| GMW-O-8 | 04/19/04 | 70.91 | --- | 22.33 | --- | 48.58 |
| GMW-O-8 | 05/02/05 | 70.91 | --- | 20.09 | --- | 50.82 |
| GMW-O-8 | 10/31/05 | 70.91 | --- | 19.38 | --- | 51.53 |
| GMW-O-8 | 05/01/06 | 70.91 | --- | 19.77 | --- | 51.14 |
| GMW-O-8 | 12/04/06 | 70.91 | --- | 20.17 | --- | 50.74 |
| GMW-O-8 | 04/30/07 | 70.91 | --- | 20.54 | --- | 50.37 |
| GMW-O-8 | 11/12/07 | 70.91 | --- | 20.91 | --- | 50.00 |
| GMW-O-8 | 04/14/08 | 70.91 | --- | 21.27 | --- | 49.64 |
| GMW-O-8 | 10/13/08 | 70.91 | --- | 21.57 | --- | 49.34 |
| GMW-O-8 | 04/20/09 | 70.91 | --- | 21.80 | --- | 49.11 |
| GMW-O-8 | 10/19/09 | 70.91 | --- | 22.41 | --- | 48.50 |
| GMW-O-8 | 05/24/10 | 70.91 | --- | 22.50 | --- | 48.41 |
| GMW-O-8 | 05/28/10 | 70.91 | --- | 22.41 | --- | 48.50 |
| GMW-O-8 | 10/04/10 | 70.91 | --- | 22.60 | --- | 48.31 |
| GMW-O-8 | 04/11/11 | 70.91 | --- | 22.24 | --- | 48.67 |
| GMW-O-8 | 10/10/11 | 70.91 | --- | 21.71 | --- | 49.20 |
| GMW-O-8 | 04/16/12 | 70.91 | --- | 22.54 | --- | 48.37 |
| GMW-O-8 | 07/09/12 | 70.91 | --- | NM | --- | NC |
| GMW-O-8 | 10/15/12 | 70.91 | --- | 22.87 | --- | 48.04 |
| GMW-O-8 | 04/08/13 | 70.91 | --- | 23.64 | --- | 47.27 |
| GMW-O-8 | 10/07/13 | 70.91 | --- | 24.53 | --- | 46.38 |
| GMW-O-8 | 04/14/14 | 70.91 | --- | 25.21 | --- | 45.70 |
| GMW-O-8 | 10/27/14 | 70.91 | --- | 25.74 | --- | 45.17 |
| GMW-O-8 | 04/20/15 | 70.91 | --- | 26.39 | --- | 44.52 |
| GMW-O-8 | 10/19/15 | 70.91 | --- | 27.53 | --- | 43.38 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-8 | 11/02/20 | 70.91 | --- | 29.81 | --- | 41.10 |
| GMW-O-8 | 05/03/21 | 70.91 | --- | 30.42 | --- | 40.49 |
| GMW-O-8 | 11/01/21 | 70.91 | --- | 31.16 | --- | 39.75 |
| GMW-O-9 | 11/20/96 | 73.50 | --- | 26.53 | --- | 46.97 |
| GMW-O-9 | 07/01/97 | 73.50 | --- | 26.90 | --- | 46.60 |
| GMW-O-9 | 12/31/97 | 73.50 | --- | 26.30 | --- | 47.20 |
| GMW-O-9 | 05/01/98 | 73.50 | --- | 24.05 | --- | 49.45 |
| GMW-O-9 | 05/04/99 | 73.50 | --- | 24.39 | --- | 49.11 |
| GMW-O-9 | 08/09/99 | 73.50 | --- | 24.96 | --- | 48.54 |
| GMW-O-9 | 11/15/99 | 73.50 | --- | 24.91 | --- | 48.59 |
| GMW-O-9 | 05/15/00 | 73.50 | --- | 24.93 | --- | 48.57 |
| GMW-O-9 | 11/13/00 | 73.50 | --- | 25.61 | --- | 47.89 |
| GMW-O-9 | 05/07/01 | 73.50 | --- | 24.54 | --- | 48.96 |
| GMW-O-9 | 11/05/01 | 73.50 | --- | 24.55 | --- | 48.95 |
| GMW-O-9 | 04/08/02 | 73.50 | --- | 30.07 | --- | 43.43 |
| GMW-O-9 | 10/21/02 | 73.50 | --- | 25.62 | --- | 47.88 |
| GMW-O-9 | 04/07/03 | 73.50 | --- | 25.13 | --- | 48.37 |
| GMW-O-9 | 10/06/03 | 73.50 | --- | 24.92 | --- | 48.58 |
| GMW-O-9 | 01/11/04 | 73.50 | --- | 26.12 | --- | 47.38 |
| GMW-O-9 | 04/19/04 | 73.50 | --- | 25.74 | --- | 47.76 |
| GMW-O-9 | 05/02/05 | 73.50 | --- | 22.61 | --- | 50.89 |
| GMW-O-9 | 10/31/05 | 73.50 | --- | 22.14 | --- | 51.36 |
| GMW-O-9 | 05/05/06 | 73.50 | --- | 23.61 | --- | 49.89 |
| GMW-O-9 | 12/04/06 | 73.50 | --- | 23.84 | --- | 49.66 |
| GMW-O-9 | 04/30/07 | 73.50 | --- | 23.52 | --- | 49.98 |
| GMW-O-9 | 11/12/07 | 73.50 | --- | 23.94 | --- | 49.56 |
| GMW-O-9 | 04/14/08 | 73.50 | --- | 24.31 | --- | 49.19 |
| GMW-O-9 | 10/13/08 | 73.50 | --- | 24.71 | --- | 48.79 |
| GMW-O-9 | 04/20/09 | 73.50 | --- | 24.86 | --- | 48.64 |
| GMW-O-9 | 10/19/09 | 73.50 | --- | 25.86 | --- | 47.64 |
| GMW-O-9 | 05/24/10 | 73.50 | --- | 25.57 | --- | 47.93 |
| GMW-O-9 | 05/28/10 | 73.50 | --- | 25.50 | --- | 48.00 |
| GMW-O-9 | 10/04/10 | 73.50 | --- | 25.89 | --- | 47.61 |
| GMW-O-9 | 01/10/11 | 73.50 | --- | 26.69 | --- | 46.81 |
| GMW-O-9 | 04/11/11 | 73.50 | --- | 25.17 | --- | 48.33 |
| GMW-O-9 | 07/11/11 | 73.50 | --- | NM | --- | NC |
| GMW-O-9 | 10/10/11 | 73.50 | --- | 25.16 | --- | 48.34 |
| GMW-O-9 | 01/09/12 | 73.50 | --- | 26.02 | --- | 47.48 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-O-9 | 11/02/20 | 73.50 | --- | 32.16 | --- | 41.34 |
| GMW-O-9 | 05/03/21 | 73.50 | --- | 32.83 | --- | 40.67 |
| GMW-O-9 | 11/01/21 | 73.50 | --- | 34.06 | --- | 39.44 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 11/12/07 | 73.98 | --- | 24.45 | --- | 49.53 |
| GMW-O-10 | 04/14/08 | 73.98 | --- | 24.83 | --- | 49.15 |
| GMW-O-10 | 08/11/08 | 73.98 | --- | 25.22 | --- | 48.76 |
| GMW-O-10 | 10/13/08 | 73.98 | --- | 25.25 | --- | 48.73 |
| GMW-O-10 | 04/20/09 | 73.98 | --- | 25.58 | --- | 48.40 |
| GMW-O-10 | 10/19/09 | 73.98 | --- | 26.72 | --- | 47.26 |
| GMW-O-10 | 05/24/10 | 73.98 | --- | 26.92 | --- | 47.06 |
| GMW-O-10 | 05/28/10 | 73.98 | --- | 29.10 | --- | 44.88 |
| GMW-O-10 | 10/04/10 | 73.98 | --- | 26.48 | --- | 47.50 |
| GMW-O-10 | 01/10/11 | 73.98 | --- | 27.30 | --- | 46.68 |
| GMW-O-10 | 04/11/11 | 73.98 | --- | 25.72 | --- | 48.26 |
| GMW-O-10 | 07/11/11 | 73.98 | --- | NM | --- | NC |
| GMW-O-10 | 10/10/11 | 73.98 | --- | 26.29 | --- | 47.69 |
| GMW-O-10 | 01/09/12 | 73.98 | --- | 26.82 | --- | 47.16 |
| GMW-O-10 | 04/16/12 | 73.98 | --- | 26.90 | --- | 47.08 |
| GMW-O-10 | 07/09/12 | 73.98 | --- | 27.81 | --- | 46.17 |
| GMW-O-10 | 10/15/12 | 73.98 | --- | 28.40 | --- | 45.58 |
| GMW-O-10 | 01/14/13 | 73.98 | --- | 28.57 | --- | 45.41 |
| GMW-O-10 | 04/08/13 | 73.98 | --- | 26.31 | --- | 47.67 |
| GMW-O-10 | 10/07/13 | 73.98 | --- | 29.17 | --- | 44.81 |
| GMW-O-10 | 04/14/14 | 73.98 | --- | 29.48 | --- | 44.50 |
| GMW-O-10 | 10/27/14 | 73.98 | --- | 29.93 | --- | 44.05 |
| GMW-O-10 | 04/20/15 | 73.98 | --- | 30.52 | --- | 43.46 |
| GMW-O-10 | 10/19/15 | 73.98 | --- | 31.17 | --- | 42.81 |
| GMW-O-10 | 03/14/16 | 73.98 | --- | 32.65 | --- | 41.33 |
| GMW-O-10 | 04/11/16 | 73.98 | --- | 32.23 | --- | 41.75 |
| GMW-O-10 | 06/29/16 | 73.98 | --- | 32.20 | --- | 41.78 |
| GMW-O-10 | 08/22/16 | 73.98 | --- | 34.18 | --- | 39.80 |
| 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-10 | 11/02/20 | 73.98 | --- | 32.73 | --- | 41.25 |
| GMW-O-10 | 05/03/21 | 73.98 | --- | 33.41 | --- | 40.57 |
| GMW-O-10 | 11/01/21 | 73.98 | --- | 34.17 | --- | 39.81 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-11 | 08/20/20 | 74.17 | --- | 30.89 | --- | 43.28 |
| GMW-O-11 | 11/02/20 | 74.17 | --- | 30.30 | --- | 43.87 |
| GMW-O-11 | 02/24/21 | 74.17 | --- | 32.18 | --- | 41.99 |
| GMW-O-11 | 05/03/21 | 74.17 | --- | 31.89 | --- | 42.28 |
| GMW-O-11 | 08/31/21 | 74.17 | --- | 31.50 | --- | 42.67 |
| GMW-O-11 | 11/01/21 | 74.17 | --- | 34.76 | --- | 39.41 |
| GMW-O-11 | 03/10/22 | 74.17 | --- | 32.60 | --- | 41.57 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-12 | 08/20/20 | 73.49 | 31.75 | 31.98 | 0.23 | 41.69 |
| GMW-O-12 | 11/02/20 | 73.49 | 30.27 | 31.65 | 1.38 | 42.94 |
| GMW-O-12 | 02/24/21 | 73.49 | 31.45 | 31.97 | 0.52 | 41.94 |
| GMW-O-12 | 05/03/21 | 73.49 | 31.05 | 31.66 | 0.61 | 42.31 |
| GMW-O-12 | 08/31/21 | 73.49 | --- | 25.89 | --- | 47.60 |
| GMW-O-12 | 11/01/21 | 73.49 | 33.18 | 34.89 | 1.71 | 39.96 |
| GMW-O-12 | 03/10/22 | 73.49 | --- | NM | --- | NM |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GMW-O-14 | 10/27/14 | 74.08 | --- | 29.84 | --- | 44.24 |
| GMW-O-14 | 04/20/15 | 74.08 | --- | 30.32 | --- | 43.76 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/19/15 | 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-14 | 08/20/20 | 74.08 | --- | 32.34 | --- | 41.74 |
| GMW-O-14 | 11/02/20 | 74.08 | --- | 32.28 | --- | 41.80 |
| GMW-O-14 | 02/24/21 | 74.08 | --- | 33.54 | --- | 40.54 |
| GMW-O-14 | 05/03/21 | 74.08 | --- | 31.48 | --- | 42.60 |
| GMW-O-14 | 08/31/21 | 74.08 | --- | 22.91 | --- | 51.17 |
| GMW-O-14 | 11/01/21 | 74.08 | --- | 35.48 | --- | 39.96 |
| GMW-O-14 | 03/10/22 | 74.08 | --- | 29.35 | --- | 44.73 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|----------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-O-15 | 07/17/09 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-15 | 11/02/20 | 74.86 | --- | 26.89 | --- | 47.97 |
| GMW-O-15 | 05/03/21 | 74.86 | --- | 28.62 | --- | 46.24 |
| GMW-O-15 | 11/01/21 | 74.86 | --- | NM | --- | NC |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 08/01/05 | 74.10 | --- | 20.45 | --- | 53.65 |
| GMW-O-16 | 10/31/05 | 74.10 | --- | 21.04 | --- | 53.06 |
| GMW-O-16 | 02/27/06 | 74.10 | --- | 22.31 | --- | 51.79 |
| GMW-O-16 | 05/01/06 | 74.10 | --- | 22.36 | --- | 51.74 |
| GMW-O-16 | 09/18/06 | 74.10 | --- | 23.19 | --- | 50.91 |
| GMW-O-16 | 12/04/06 | 74.10 | --- | 23.33 | --- | 50.77 |
| GMW-O-16 | 04/30/07 | 74.10 | --- | 23.82 | --- | 50.28 |
| GMW-O-16 | 11/12/07 | 74.10 | --- | 24.35 | --- | 49.75 |
| GMW-O-16 | 02/19/08 | 74.10 | --- | 24.69 | --- | 49.41 |
| GMW-O-16 | 04/14/08 | 74.10 | --- | 24.08 | --- | 50.02 |
| GMW-O-16 | 10/13/08 | 74.10 | --- | 25.12 | --- | 48.98 |
| GMW-O-16 | 04/20/09 | 74.10 | --- | 25.20 | --- | 48.90 |
| GMW-O-16 | 10/19/09 | 74.10 | --- | 25.81 | --- | 48.29 |
| GMW-O-16 | 03/15/10 | 74.10 | --- | 26.30 | --- | 47.80 |
| GMW-O-16 | 04/16/10 | 74.10 | --- | 25.20 | --- | 48.90 |
| GMW-O-16 | 05/24/10 | 74.10 | --- | 25.14 | --- | 48.96 |
| GMW-O-16 | 05/28/10 | 74.10 | --- | 25.13 | --- | 48.97 |
| GMW-O-16 | 06/22/10 | 74.10 | --- | 25.55 | --- | 48.55 |
| GMW-O-16 | 07/12/10 | 74.10 | --- | 26.28 | --- | 47.82 |
| GMW-O-16 | 08/12/10 | 74.10 | --- | 26.43 | --- | 47.67 |
| GMW-O-16 | 09/20/10 | 74.10 | --- | 26.95 | --- | 47.15 |
| GMW-O-16 | 10/04/10 | 74.10 | --- | 26.10 | --- | 48.00 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-16 | 11/02/20 | 74.10 | --- | 33.99 | --- | 40.11 |
| GMW-O-16 | 05/03/21 | 74.10 | --- | 29.49 | --- | 44.61 |
| GMW-O-16 | 11/01/21 | 74.10 | --- | 36.55 | --- | 37.55 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/24/10 | 73.78 | --- | 24.78 | --- | 49.00 |
| GMW-O-17 | 05/28/10 | 73.78 | --- | 28.75 | --- | 45.03 |
| GMW-O-17 | 10/04/10 | 73.78 | --- | 25.60 | --- | 48.18 |
| GMW-O-17 | 01/10/11 | 73.78 | --- | 25.64 | --- | 48.14 |
| GMW-O-17 | 04/11/11 | 73.78 | --- | 24.11 | --- | 49.67 |
| GMW-O-17 | 07/11/11 | 73.78 | --- | NM | --- | NC |
| GMW-O-17 | 10/10/11 | 73.78 | --- | 24.71 | --- | 49.07 |
| GMW-O-17 | 01/09/12 | 73.78 | --- | 25.32 | --- | 48.46 |
| GMW-O-17 | 04/16/12 | 73.78 | --- | 26.10 | --- | 47.68 |
| GMW-O-17 | 07/09/12 | 73.78 | --- | 26.42 | --- | 47.36 |
| GMW-O-17 | 10/15/12 | 73.78 | --- | 26.62 | --- | 47.16 |
| GMW-O-17 | 01/14/13 | 73.78 | --- | 27.48 | --- | 46.30 |
| GMW-O-17 | 04/08/13 | 73.78 | --- | 27.48 | --- | 46.30 |
| GMW-O-17 | 10/07/13 | 73.78 | --- | 28.21 | --- | 45.57 |
| GMW-O-17 | 04/14/14 | 73.78 | --- | 28.25 | --- | 45.53 |
| GMW-O-17 | 10/27/14 | 73.78 | --- | 28.84 | --- | 44.94 |
| GMW-O-17 | 04/20/15 | 73.78 | --- | 28.96 | --- | 44.82 |
| GMW-O-17 | 10/19/15 | 73.78 | --- | 29.95 | --- | 43.83 |
| GMW-O-17 | 04/11/16 | 73.78 | --- | 30.55 | --- | 43.23 |
| GMW-O-17 | 10/03/16 | 73.78 | --- | 31.10 | --- | 42.68 |
| GMW-O-17 | 10/03/16 | 73.78 | --- | 31.10 | --- | 42.68 |
| GMW-O-17 | 04/17/17 | 73.78 | --- | 30.20 | --- | 43.58 |
| GMW-O-17 | 10/02/17 | 73.78 | --- | 30.70 | --- | 43.08 |
| GMW-O-17 | 04/16/18 | 73.78 | --- | 31.88 | --- | 41.90 |
| GMW-O-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-17 | 11/02/20 | 73.78 | --- | 29.42 | --- | 44.36 |
| GMW-O-17 | 05/03/21 | 73.78 | --- | 31.79 | --- | 41.99 |
| GMW-O-17 | 11/01/21 | 73.78 | --- | 35.25 | --- | 38.53 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-18 | 11/02/20 | 74.32 | --- | 27.25 | --- | 47.07 |
| GMW-O-18 | 05/03/21 | 74.32 | --- | 29.77 | --- | 44.55 |
| GMW-O-18 | 11/01/21 | 74.32 | --- | 36.39 | --- | 37.93 |
| GMW-O-19 | 11/20/96 | 74.46 | --- | 26.28 | --- | 48.18 |
| GMW-O-19 | 07/01/97 | 74.46 | --- | 24.70 | --- | 49.76 |
| GMW-O-19 | 12/31/97 | 74.46 | --- | 25.92 | --- | 48.54 |
| GMW-O-19 | 08/09/99 | 74.46 | --- | 24.09 | --- | 50.37 |
| GMW-O-19 | 11/15/99 | 74.46 | --- | 24.82 | --- | 49.64 |
| GMW-O-19 | 05/15/00 | 74.46 | --- | 24.43 | --- | 50.03 |
| GMW-O-19 | 11/13/00 | 74.46 | --- | DRY | --- | NC |
| GMW-O-19 | 05/07/01 | 74.46 | --- | NM | --- | NC |
| GMW-O-19 | 09/18/01 | 74.46 | --- | 23.07 | --- | 51.39 |
| GMW-O-19 | 11/05/01 | 74.46 | --- | 23.15 | --- | 51.31 |
| GMW-O-19 | 01/29/02 | 74.46 | --- | 23.25 | --- | 51.21 |
| GMW-O-19 | 04/08/02 | 74.46 | --- | 23.16 | --- | 51.30 |
| GMW-O-19 | 10/21/02 | 74.46 | --- | 23.34 | --- | 51.12 |
| GMW-O-19 | 04/07/03 | 74.46 | --- | 23.50 | --- | 50.96 |
| GMW-O-19 | 07/30/03 | 74.46 | --- | 24.29 | --- | 50.17 |
| GMW-O-19 | 10/06/03 | 74.46 | --- | 24.54 | --- | 49.92 |
| GMW-O-19 | 01/11/04 | 74.46 | --- | 26.02 | --- | 48.44 |
| GMW-O-19 | 04/19/04 | 74.46 | --- | 25.04 | --- | 49.42 |
| GMW-O-19 | 07/20/04 | 74.46 | --- | 25.35 | --- | 49.11 |
| GMW-O-19 | 05/02/05 | 74.46 | --- | 20.05 | --- | 54.41 |
| GMW-O-19 | 08/01/05 | 74.46 | --- | 20.82 | --- | 53.64 |
| GMW-O-19 | 10/31/05 | 74.46 | --- | 21.36 | --- | 53.10 |
| GMW-O-19 | 02/27/06 | 74.46 | --- | 22.06 | --- | 52.40 |
| GMW-O-19 | 05/01/06 | 74.46 | --- | 22.35 | --- | 52.11 |
| GMW-O-19 | 12/04/06 | 74.46 | --- | 23.32 | --- | 51.14 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-19 | 11/02/20 | 74.46 | --- | 31.89 | --- | 42.57 |
| GMW-O-19 | 05/03/21 | 74.46 | --- | 29.50 | --- | 44.96 |
| GMW-O-19 | 11/01/21 | 74.46 | --- | 36.01 | --- | 38.45 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/27/14 | 73.32 | 27.76 | 30.70 | 2.94 | 45.02 |
| GMW-O-20 | 11/03/14 | 73.32 | 27.62 | 30.81 | 3.19 | 45.11 |
| GMW-O-20 | 11/10/14 | 73.32 | 27.75 | 30.94 | 3.19 | 44.98 |
| GMW-O-20 | 11/18/14 | 73.32 | 27.65 | 30.91 | 3.26 | 45.07 |
| GMW-O-20 | 11/25/14 | 73.32 | 27.65 | 30.95 | 3.30 | 45.06 |
| GMW-O-20 | 12/03/14 | 73.32 | 27.83 | 32.56 | 4.73 | 44.61 |
| GMW-O-20 | 12/19/14 | 73.32 | 27.93 | 31.72 | 3.79 | 44.69 |
| GMW-O-20 | 04/22/15 | 73.32 | 27.98 | 32.25 | 4.27 | 44.55 |
| GMW-O-20 | 10/22/15 | 73.32 | 29.38 | 31.36 | 1.98 | 43.57 |
| GMW-O-20 | 03/16/16 | 73.32 | --- | 32.54 | --- | 40.78 |
| GMW-O-20 | 04/12/16 | 73.32 | --- | 32.48 | --- | 40.84 |
| GMW-O-20 | 06/29/16 | 73.32 | --- | 32.50 | --- | 40.82 |
| GMW-O-20 | 08/22/16 | 73.32 | --- | 32.18 | --- | 41.14 |
| GMW-O-20 | 10/03/16 | 73.32 | --- | 33.12 | --- | 40.20 |
| GMW-O-20 | 10/03/16 | 73.32 | --- | 33.12 | --- | 40.20 |
| GMW-O-20 | 04/20/17 | 73.32 | --- | 29.70 | --- | 43.62 |
| GMW-O-20 | 10/02/17 | 73.32 | --- | 33.03 | --- | 40.29 |
| GMW-O-20 | 04/16/18 | 73.32 | --- | 32.67 | --- | 40.65 |
| GMW-O-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-20 | 08/20/20 | 73.32 | --- | 31.58 | --- | 41.74 |
| GMW-O-20 | 11/02/20 | 73.32 | --- | 30.97 | --- | 42.35 |
| GMW-O-20 | 02/24/21 | 73.32 | --- | 31.99 | --- | 41.33 |
| GMW-O-20 | 05/03/21 | 73.32 | --- | 32.67 | --- | 40.65 |
| GMW-O-20 | 08/31/21 | 73.32 | --- | 31.06 | --- | 42.26 |
| GMW-O-20 | 11/01/21 | 73.32 | --- | 34.90 | --- | 38.42 |
| GMW-O-20 | 03/10/22 | 73.32 | --- | 32.34 | --- | 40.98 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|----------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-O-21 | 09/25/13 | 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 |
| 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-21 | 08/20/20 | 71.43 | --- | 31.93 | --- | 39.50 |
| GMW-O-21 | 11/02/20 | 71.43 | --- | 30.30 | --- | 41.13 |
| GMW-O-21 | 02/24/21 | 71.43 | --- | 32.57 | --- | 38.86 |
| GMW-O-21 | 05/03/21 | 71.43 | --- | 32.17 | --- | 39.26 |
| GMW-O-21 | 08/31/21 | 71.43 | --- | 31.39 | --- | 40.04 |
| GMW-O-21 | 11/01/21 | 71.43 | --- | 32.96 | --- | 38.47 |
| GMW-O-21 | 03/10/22 | 71.43 | --- | 32.60 | --- | 38.83 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-23 | 08/20/20 | 73.63 | --- | 32.05 | --- | 41.58 |
| GMW-O-23 | 11/02/20 | 73.63 | --- | 32.24 | --- | 41.39 |
| GMW-O-23 | 02/24/21 | 73.63 | --- | 33.19 | --- | 40.44 |
| GMW-O-23 | 05/03/21 | 73.63 | --- | 32.91 | --- | 40.72 |
| GMW-O-23 | 08/31/21 | 73.63 | --- | 32.50 | --- | 41.13 |
| GMW-O-23 | 11/01/21 | 73.63 | --- | 33.75 | --- | 39.88 |
| GMW-O-23 | 03/10/22 | 73.63 | --- | 33.58 | --- | 40.05 |
| 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-24 | 11/02/20 | 74.39 | --- | NM | --- | NC |
| GMW-O-24 | 02/24/21 | 74.39 | --- | 34.68 | --- | 39.71 |
| GMW-O-24 | 05/03/21 | 74.39 | --- | 33.00 | --- | 41.39 |
| GMW-O-24 | 08/31/21 | 74.39 | --- | 32.36 | --- | 42.03 |
| GMW-O-24 | 11/01/21 | 74.39 | --- | 36.21 | --- | 38.18 |
| GMW-O-24 | 03/10/22 | 74.39 | --- | 31.15 | --- | 43.24 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|----------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-SF-7 | 11/05/01 | 75.26 | --- | 25.33 | --- | 49.93 |
| GMW-SF-7 | 02/01/02 | 75.26 | --- | 25.52 | --- | 49.74 |
| GMW-SF-7 | 04/08/02 | 75.26 | --- | 26.60 | --- | 48.66 |
| GMW-SF-7 | 10/21/02 | 75.26 | --- | 27.02 | --- | 48.24 |
| GMW-SF-7 | 01/27/03 | 75.26 | --- | 26.64 | --- | 48.62 |
| GMW-SF-7 | 04/07/03 | 75.26 | --- | 25.70 | --- | 49.56 |
| GMW-SF-7 | 07/31/03 | 75.26 | --- | 25.72 | --- | 49.54 |
| GMW-SF-7 | 10/06/03 | 75.26 | --- | 26.57 | --- | 48.69 |
| GMW-SF-7 | 01/11/04 | 75.26 | --- | 27.54 | --- | 47.72 |
| GMW-SF-7 | 01/27/04 | 75.26 | --- | 26.65 | --- | 48.61 |
| GMW-SF-7 | 04/19/04 | 75.26 | --- | 26.64 | --- | 48.62 |
| GMW-SF-7 | 07/19/04 | 75.26 | --- | 26.89 | --- | 48.37 |
| GMW-SF-7 | 02/01/05 | 75.26 | --- | 25.15 | --- | 50.11 |
| GMW-SF-7 | 05/02/05 | 75.26 | --- | 20.52 | --- | 54.74 |
| GMW-SF-7 | 08/01/05 | 75.26 | --- | 22.03 | --- | 53.23 |
| GMW-SF-7 | 10/31/05 | 75.26 | --- | 22.99 | --- | 52.27 |
| GMW-SF-7 | 02/27/06 | 75.26 | --- | 23.65 | --- | 51.61 |
| GMW-SF-7 | 05/01/06 | 75.26 | --- | 23.68 | --- | 51.58 |
| GMW-SF-7 | 09/18/06 | 75.26 | --- | 24.41 | --- | 50.85 |
| GMW-SF-7 | 12/04/06 | 75.26 | --- | 24.72 | --- | 50.54 |
| GMW-SF-7 | 03/12/07 | 75.26 | --- | 25.18 | --- | 50.08 |
| GMW-SF-7 | 04/30/07 | 75.26 | --- | 25.17 | --- | 50.09 |
| GMW-SF-7 | 08/28/07 | 75.26 | --- | 25.02 | --- | 50.24 |
| GMW-SF-7 | 11/12/07 | 75.26 | --- | 25.57 | --- | 49.69 |
| GMW-SF-7 | 04/14/08 | 75.26 | --- | 25.40 | --- | 49.86 |
| GMW-SF-7 | 10/13/08 | 75.26 | --- | 26.29 | --- | 48.97 |
| GMW-SF-7 | 04/20/09 | 75.26 | --- | 26.26 | --- | 49.00 |
| GMW-SF-7 | 10/19/09 | 75.26 | --- | 27.51 | --- | 47.75 |
| GMW-SF-7 | 05/24/10 | 75.26 | --- | 27.07 | --- | 48.19 |
| GMW-SF-7 | 05/28/10 | 75.26 | --- | 27.06 | --- | 48.20 |
| GMW-SF-7 | 10/04/10 | 75.26 | --- | 27.47 | --- | 47.79 |
| GMW-SF-7 | 04/11/11 | 75.26 | --- | 26.13 | --- | 49.13 |
| GMW-SF-7 | 10/10/11 | 75.26 | --- | 26.93 | --- | 48.33 |
| GMW-SF-7 | 04/16/12 | 75.26 | --- | 28.12 | --- | 47.14 |
| GMW-SF-7 | 07/09/12 | 75.26 | --- | NM | --- | NC |
| GMW-SF-7 | 10/15/12 | 75.26 | --- | 28.93 | --- | 46.33 |
| GMW-SF-7 | 04/08/13 | 75.26 | --- | 29.91 | --- | 45.35 |
| GMW-SF-7 | 10/07/13 | 75.26 | --- | 30.08 | --- | 45.18 |
| GMW-SF-7 | 04/14/14 | 75.26 | --- | 30.51 | --- | 44.75 |
| GMW-SF-7 | 10/27/14 | 75.26 | --- | 30.92 | --- | 44.34 |
| GMW-SF-7 | 04/20/15 | 75.26 | --- | 31.30 | --- | 43.96 |
| GMW-SF-7 | 10/19/15 | 75.26 | --- | 32.03 | --- | 43.23 |
| GMW-SF-7 | 04/11/16 | 75.26 | --- | 33.12 | --- | 42.14 |
| GMW-SF-7 | 10/03/16 | 75.26 | --- | 33.72 | --- | 41.54 |
| GMW-SF-7 | 10/03/16 | 75.26 | --- | 33.72 | --- | 41.54 |
| GMW-SF-7 | 04/17/17 | 75.26 | --- | 31.47 | --- | 43.79 |
| GMW-SF-7 | 10/02/17 | 75.26 | --- | 33.17 | --- | 42.09 |
| GMW-SF-7 | 04/16/18 | 75.26 | --- | 34.21 | --- | 41.05 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|----------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| GMW-SF-7 | 11/05/18 | 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 |
| GMW-SF-7 | 11/02/20 | 75.26 | --- | 30.61 | --- | 44.65 |
| GMW-SF-7 | 05/03/21 | 75.26 | --- | 33.56 | --- | 41.70 |
| GMW-SF-7 | 11/01/21 | 75.26 | --- | 37.99 | --- | 37.27 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 01/09/12 | 76.75 | --- | 28.92 | --- | 47.83 |
| GMW-SF-8 | 04/16/12 | 76.75 | --- | 29.34 | --- | 47.41 |
| GMW-SF-8 | 07/09/12 | 76.75 | --- | 30.09 | --- | 46.66 |
| GMW-SF-8 | 10/15/12 | 76.75 | --- | 30.21 | --- | 46.54 |
| GMW-SF-8 | 01/14/13 | 76.75 | --- | 30.92 | --- | 45.83 |
| GMW-SF-8 | 04/08/13 | 76.75 | --- | 30.98 | --- | 45.77 |
| GMW-SF-8 | 10/07/13 | 76.75 | --- | 32.16 | --- | 44.59 |
| GMW-SF-8 | 04/14/14 | 76.75 | --- | 31.63 | --- | 45.12 |
| GMW-SF-8 | 10/27/14 | 76.75 | --- | 32.08 | --- | 44.67 |
| GMW-SF-8 | 04/20/15 | 76.75 | --- | 32.59 | --- | 44.16 |
| GMW-SF-8 | 10/19/15 | 76.75 | --- | 33.28 | --- | 43.47 |
| GMW-SF-8 | 04/11/16 | 76.75 | --- | 34.50 | --- | 42.25 |
| 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-8 | 11/02/20 | 76.75 | --- | 32.18 | --- | 44.57 |
| GMW-SF-8 | 05/03/21 | 76.75 | --- | 35.00 | --- | 41.75 |
| GMW-SF-8 | 11/01/21 | 76.75 | --- | 40.00 | --- | 36.75 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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 |
| GW-1 | 05/01/98 | 75.00 | --- | 27.17 | --- | 47.83 |
| GW-1 | 05/25/99 | 75.46 | --- | 27.73 | --- | 47.73 |
| GW-1 | 05/15/00 | 75.46 | --- | 28.10 | --- | 47.36 |
| GW-1 | 05/07/01 | 75.46 | --- | 27.43 | --- | 48.03 |
| GW-1 | 04/08/02 | 75.46 | --- | 28.16 | --- | 47.30 |
| GW-1 | 10/21/02 | 75.46 | --- | 27.95 | --- | 47.51 |
| GW-1 | 04/07/03 | 75.46 | --- | 27.70 | --- | 47.76 |
| GW-1 | 10/06/03 | 75.46 | --- | 27.97 | --- | 47.49 |
| GW-1 | 04/19/04 | 75.97 | --- | 29.00 | --- | 46.97 |
| GW-1 | 11/01/04 | 75.97 | --- | 28.98 | --- | 46.99 |
| GW-1 | 05/02/05 | 75.46 | --- | 25.78 | --- | 49.68 |
| GW-1 | 05/01/06 | 75.97 | --- | 26.20 | --- | 49.77 |
| GW-1 | 12/01/06 | 75.97 | --- | 26.62 | --- | 49.35 |
| GW-1 | 04/30/07 | 75.97 | --- | 26.78 | --- | 49.19 |
| GW-1 | 11/12/07 | 75.97 | --- | 27.28 | --- | 48.69 |
| GW-1 | 04/11/08 | 75.97 | --- | 26.60 | --- | 49.37 |
| GW-1 | 07/24/08 | 75.97 | --- | 26.99 | --- | 48.98 |
| GW-1 | 10/13/08 | 75.97 | --- | 27.56 | --- | 48.41 |
| GW-1 | 02/09/09 | 75.46 | --- | 27.06 | --- | 48.40 |
| GW-1 | 04/07/10 | 75.46 | --- | 29.76 | --- | 45.70 |
| GW-1 | 10/01/10 | 75.97 | --- | 29.11 | --- | 46.86 |
| GW-1 | 01/06/11 | 75.97 | --- | 29.99 | --- | 45.98 |
| GW-1 | 04/12/11 | 75.97 | --- | 28.46 | --- | 47.51 |
| GW-1 | 07/07/11 | 75.97 | --- | 28.45 | --- | 47.52 |
| GW-1 | 10/07/11 | 75.97 | --- | 28.71 | --- | 47.26 |
| GW-1 | 04/12/12 | 75.97 | --- | 29.46 | --- | 46.51 |
| GW-1 | 01/10/13 | 75.97 | --- | 30.61 | --- | 45.36 |
| GW-1 | 04/02/13 | 75.97 | --- | 30.70 | --- | 45.27 |
| GW-1 | 10/01/13 | 75.97 | --- | 31.30 | --- | 44.67 |
| GW-1 | 04/07/14 | 75.97 | --- | 32.39 | --- | 43.58 |
| 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-1 | 11/02/20 | 75.46 | --- | 35.88 | --- | 40.09 |
| GW-1 | 05/04/21 | 75.97 | --- | 36.00 | --- | 39.97 |
| GW-1 | 11/01/21 | 75.97 | --- | 36.59 | --- | 39.38 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/01/98 | 75.00 | --- | 27.65 | --- | 47.35 |
| GW-2 | 05/25/99 | 76.39 | --- | 28.47 | --- | 47.92 |
| GW-2 | 05/15/00 | 76.39 | --- | 28.88 | --- | 47.51 |
| GW-2 | 05/07/01 | 76.39 | --- | 28.22 | --- | 48.17 |
| GW-2 | 04/08/02 | 76.39 | --- | 28.85 | --- | 47.54 |
| GW-2 | 10/21/02 | 76.39 | --- | 28.75 | --- | 47.64 |
| GW-2 | 04/07/03 | 76.39 | --- | 28.58 | --- | 47.81 |
| GW-2 | 10/06/03 | 76.39 | --- | 28.67 | --- | 47.72 |
| GW-2 | 04/19/04 | 75.78 | --- | 28.75 | --- | 47.03 |
| GW-2 | 11/01/04 | 75.78 | --- | 28.72 | --- | 47.06 |
| GW-2 | 05/02/05 | 76.39 | --- | 26.05 | --- | 50.34 |
| GW-2 | 05/01/06 | 75.78 | --- | 25.84 | --- | 49.94 |
| GW-2 | 12/01/06 | 75.78 | --- | 26.23 | --- | 49.55 |
| GW-2 | 04/30/07 | 75.78 | --- | 26.52 | --- | 49.26 |
| GW-2 | 11/12/07 | 75.78 | --- | NM | --- | NC |
| GW-2 | 04/11/08 | 76.39 | --- | 27.39 | --- | 49.00 |
| GW-2 | 07/24/08 | 76.39 | --- | 27.88 | --- | 48.51 |
| GW-2 | 10/13/08 | 76.39 | --- | 28.31 | --- | 48.08 |
| GW-2 | 02/09/09 | 76.39 | --- | 27.61 | --- | 48.78 |
| GW-2 | 01/11/10 | 76.39 | --- | 29.26 | --- | 47.13 |
| GW-2 | 04/07/10 | 76.39 | --- | 29.45 | --- | 46.94 |
| GW-2 | 01/06/11 | 75.78 | --- | 32.45 | --- | 43.33 |
| GW-2 | 04/06/11 | 75.78 | --- | 28.31 | --- | 47.47 |
| GW-2 | 07/07/11 | 75.78 | --- | 28.25 | --- | 47.53 |
| GW-2 | 10/06/11 | 75.78 | --- | 28.47 | --- | 47.31 |
| GW-2 | 04/12/12 | 75.78 | --- | 29.34 | --- | 46.44 |
| GW-2 | 04/19/12 | 75.78 | --- | 28.99 | --- | 46.79 |
| GW-2 | 01/10/13 | 75.78 | --- | 30.42 | --- | 45.36 |
| GW-2 | 04/02/13 | 75.78 | --- | 30.25 | --- | 45.53 |
| GW-2 | 04/08/13 | 75.78 | --- | 30.11 | --- | 45.67 |
| GW-2 | 10/01/13 | 75.78 | --- | 30.95 | --- | 44.83 |
| GW-2 | 04/07/14 | 75.78 | --- | 32.10 | --- | 43.68 |
| GW-2 | 04/15/14 | 75.78 | --- | 31.82 | --- | 43.96 |
| GW-2 | 10/27/14 | 75.78 | --- | 32.16 | --- | 43.62 |
| GW-2 | 04/20/15 | 75.78 | --- | 32.53 | --- | 43.25 |
| GW-2 | 04/11/16 | 75.78 | --- | 33.61 | --- | 42.17 |
| GW-2 | 10/03/16 | 75.78 | --- | 34.08 | --- | 41.70 |
| GW-2 | 04/18/17 | 75.78 | --- | 34.15 | --- | 41.63 |
| GW-2 | 10/02/17 | 75.78 | --- | 34.53 | --- | 41.25 |
| GW-2 | 04/16/18 | 75.78 | --- | 34.80 | --- | 40.98 |
| GW-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-2 | 11/02/20 | 76.39 | --- | 35.33 | --- | 40.45 |
| GW-2 | 05/04/21 | 75.78 | --- | 35.69 | --- | 40.09 |
| GW-2 | 11/01/21 | 75.78 | --- | 35.96 | --- | 39.82 |
| GW-3 | 05/01/98 | 75.00 | --- | 28.26 | --- | 46.74 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-3 | 10/19/20 | 76.56 | --- | 35.71 | --- | 40.08 |
| GW-3 | 11/02/20 | 76.56 | --- | 35.71 | --- | 40.08 |
| GW-3 | 05/04/21 | 75.79 | --- | 38.00 | --- | 37.79 |
| GW-3 | 11/01/21 | 75.79 | --- | 36.29 | --- | 39.50 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-4 | 11/02/20 | 74.77 | --- | NM | --- | NC |
| GW-4 | 05/04/21 | 73.86 | --- | NM | --- | NC |
| GW-4 | 11/01/21 | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-5 | 11/02/20 | 77.09 | --- | 38.59 | --- | 40.47 |
| 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-5R | 05/03/21 | 79.06 | --- | 38.80 | --- | 40.26 |
| GW-5R | 11/01/21 | 79.06 | --- | 39.29 | --- | 39.77 |
| GW-6 | 05/01/98 | 75.00 | --- | 26.27 | --- | 48.73 |
| GW-6 | 05/25/99 | 77.41 | --- | 29.61 | --- | 47.80 |
| GW-6 | 05/15/00 | 77.41 | --- | 30.25 | --- | 47.16 |
| GW-6 | 05/07/01 | 77.41 | --- | 30.31 | --- | 47.10 |
| GW-6 | 04/08/02 | 77.41 | --- | 30.01 | --- | 47.40 |
| GW-6 | 10/21/02 | 77.41 | --- | 27.32 | --- | 50.09 |
| GW-6 | 04/07/03 | 77.41 | --- | 28.45 | --- | 48.96 |
| GW-6 | 10/06/03 | 77.41 | --- | 28.65 | --- | 48.76 |
| GW-6 | 04/19/04 | 76.38 | --- | 29.64 | --- | 46.74 |
| GW-6 | 11/01/04 | 77.41 | --- | 30.32 | --- | 47.09 |
| GW-6 | 05/02/05 | 77.41 | --- | 26.27 | --- | 51.14 |
| GW-6 | 05/01/06 | 76.38 | --- | 26.20 | --- | 50.18 |
| GW-6 | 12/01/06 | 76.38 | --- | 26.86 | --- | 49.52 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-6 | 11/02/20 | 77.41 | --- | 35.92 | --- | 40.46 |
| GW-6 | 05/03/21 | 76.38 | --- | 36.10 | --- | 40.28 |
| GW-6 | 11/01/21 | 76.38 | --- | 36.80 | --- | 39.58 |
| GW-7 | 05/01/98 | 75.00 | --- | 26.14 | --- | 48.86 |
| GW-7 | 05/25/99 | 76.46 | --- | 28.29 | --- | 48.17 |
| GW-7 | 05/15/00 | 76.46 | --- | 28.45 | --- | 48.01 |
| GW-7 | 04/08/02 | 76.46 | --- | 27.66 | --- | 48.80 |
| GW-7 | 10/21/02 | 76.76 | --- | 27.20 | --- | 49.56 |
| GW-7 | 04/07/03 | 76.76 | --- | 28.40 | --- | 48.36 |
| GW-7 | 10/06/03 | 76.76 | --- | 28.83 | --- | 47.93 |
| GW-7 | 04/19/04 | 75.02 | --- | 28.65 | --- | 46.37 |
| GW-7 | 11/01/04 | 76.76 | --- | 28.91 | --- | 47.85 |
| GW-7 | 05/02/05 | 76.76 | --- | 25.45 | --- | 51.31 |
| GW-7 | 05/01/06 | 75.02 | --- | 24.78 | --- | 50.24 |
| GW-7 | 12/01/06 | 75.02 | --- | 25.41 | --- | 49.61 |
| GW-7 | 04/30/07 | 75.02 | --- | 25.84 | --- | 49.18 |
| GW-7 | 11/12/07 | 76.46 | --- | NM | --- | NC |
| GW-7 | 04/11/08 | 76.76 | --- | 27.50 | --- | 49.26 |
| GW-7 | 07/24/08 | 76.46 | --- | 27.62 | --- | 48.84 |
| GW-7 | 10/14/08 | 76.46 | --- | 28.55 | --- | 47.91 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-7 | 11/02/20 | 75.02 | --- | 34.59 | --- | 40.43 |
| GW-7 | 05/04/21 | 75.02 | --- | 35.07 | --- | 39.95 |
| GW-7 | 11/02/21 | 75.02 | --- | 35.65 | --- | 39.37 |
| GW-8 | 05/01/98 | 75.00 | --- | 26.17 | --- | 48.83 |
| GW-8 | 05/25/99 | 76.88 | --- | 28.59 | --- | 48.29 |
| GW-8 | 05/15/00 | 76.88 | --- | 36.92 | --- | 39.96 |
| GW-8 | 05/07/01 | 76.88 | --- | 34.15 | --- | 42.73 |
| GW-8 | 04/08/02 | 76.88 | --- | 33.15 | --- | 43.73 |
| GW-8 | 10/21/02 | 76.88 | --- | 28.24 | --- | 48.64 |
| GW-8 | 04/07/03 | 76.88 | --- | 29.04 | --- | 47.84 |
| GW-8 | 10/06/03 | 76.88 | --- | 29.10 | --- | 47.78 |
| GW-8 | 04/19/04 | 76.88 | --- | 30.00 | --- | 46.88 |
| GW-8 | 11/01/04 | 76.88 | --- | 29.85 | --- | 47.03 |
| GW-8 | 05/02/05 | 76.88 | --- | 25.45 | --- | 51.43 |
| GW-8 | 03/06/06 | 76.15 | --- | 26.38 | --- | 49.77 |
| GW-8 | 05/01/06 | 76.88 | --- | 26.66 | --- | 50.22 |
| GW-8 | 08/26/06 | 76.88 | --- | 26.91 | --- | 49.97 |
| GW-8 | 12/01/06 | 76.15 | --- | 26.53 | --- | 49.62 |
| GW-8 | 03/21/07 | 76.88 | --- | 27.52 | --- | 49.36 |
| GW-8 | 04/27/07 | 76.88 | --- | 26.91 | --- | 49.97 |
| GW-8 | 08/28/07 | 76.88 | --- | 26.91 | --- | 49.97 |
| GW-8 | 11/12/07 | 76.88 | --- | 27.52 | --- | 49.36 |
| GW-8 | 02/05/08 | 76.15 | --- | 28.62 | --- | 47.53 |
| GW-8 | 04/11/08 | 76.15 | --- | 27.35 | --- | 48.80 |
| GW-8 | 07/24/08 | 76.15 | --- | 27.81 | --- | 48.34 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| GW-8 | 10/19/20 | 76.88 | --- | 35.79 | --- | 40.36 |
| GW-8 | 11/02/20 | 76.88 | --- | 35.79 | --- | 40.36 |
| GW-8 | 05/03/21 | 76.15 | --- | 36.01 | --- | 40.14 |
| GW-8 | 11/01/21 | 76.15 | --- | 36.50 | --- | 39.65 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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") | 04/08/13 | 76.85 | --- | 31.41 | --- | 45.44 |
| GW-13(6") | 10/01/13 | 76.85 | --- | 32.24 | --- | 44.61 |
| GW-13(6") | 04/07/14 | 76.85 | --- | 33.28 | --- | 43.57 |
| GW-13(6") | 04/15/14 | 76.85 | --- | 33.00 | --- | 43.85 |
| GW-13(6") | 10/27/14 | 76.85 | --- | 33.35 | --- | 43.50 |
| GW-13(6") | 04/20/15 | 76.85 | --- | 33.72 | --- | 43.13 |
| GW-13(6") | 04/11/16 | 76.85 | --- | 34.82 | --- | 42.03 |
| GW-13(6") | 10/03/16 | 76.85 | --- | 35.32 | --- | 41.53 |
| GW-13(6") | 04/17/17 | 76.85 | --- | 35.35 | --- | 41.50 |
| GW-13(6") | 10/02/17 | 76.85 | --- | 34.17 | --- | 42.68 |
| GW-13(6") | 04/16/18 | 76.85 | --- | 35.36 | --- | 41.49 |
| GW-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-13(6") | 11/02/20 | 77.00 | --- | 36.55 | --- | 40.30 |
| GW-13(6") | 05/03/21 | 76.85 | --- | 36.85 | --- | 40.00 |
| GW-13(6") | 11/01/21 | 76.85 | --- | 37.14 | --- | 39.71 |
| 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-14(6") | 11/02/20 | 76.55 | --- | NM | --- | NC |
| GW-14R | 10/30/19 | 78.77 | --- | 34.87 | --- | NC |
| GW-14R | 05/05/20 | 78.77 | --- | NM | --- | NC |
| GW-14R | 05/03/21 | 78.77 | --- | 34.49 | --- | 44.28 |
| GW-14R | 11/02/21 | 78.77 | --- | 36.28 | --- | 42.49 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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 |
| 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-15(6") | 11/02/20 | 75.36 | --- | 33.79 | --- | 41.15 |
| GW-15(6") | 05/04/21 | 74.94 | --- | 33.94 | --- | 41.00 |
| GW-15(6") | 11/02/21 | 74.94 | --- | 33.91 | --- | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-16(6") | 11/02/20 | 76.55 | --- | 35.22 | --- | 41.11 |
| GW-16(6") | 05/03/21 | 76.33 | --- | 34.94 | --- | 41.39 |
| GW-16(6") | 11/02/21 | 76.33 | --- | 35.27 | --- | 42.53 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-1R | 11/02/20 | 76.64 | --- | 35.38 | --- | 41.26 |
| GWR-1R | 05/03/21 | 76.64 | --- | 35.91 | --- | 40.73 |
| GWR-1R | 11/01/21 | 76.64 | --- | 36.66 | --- | 39.98 |
| GWR-2 | 08/09/99 | 73.66 | --- | 25.74 | --- | 47.92 |
| GWR-2 | 10/21/02 | 73.66 | --- | 25.89 | --- | 47.77 |
| GWR-2 | 04/07/03 | 73.66 | --- | 26.68 | --- | 46.98 |
| GWR-3 | 08/09/99 | 74.93 | 27.45 | 29.30 | 1.85 | 47.17 |
| GWR-3 | 11/15/99 | 74.93 | --- | NM | --- | NC |
| GWR-3 | 05/15/00 | 74.93 | 28.67 | 31.92 | 3.25 | 45.71 |
| GWR-3 | 11/13/00 | 74.93 | --- | 37.59 | --- | 37.34 |
| GWR-3 | 05/07/01 | 74.93 | 28.15 | 27.20 | 0.95 | 48.52 |
| GWR-3 | 11/05/01 | 74.93 | --- | 27.95 | --- | 46.98 |
| GWR-3 | 04/08/02 | 74.93 | --- | 27.58 | --- | 47.35 |
| GWR-3 | 04/07/03 | 74.93 | --- | NM | --- | NC |
| GWR-3 | 05/02/05 | 74.93 | --- | 26.12 | --- | 48.81 |
| GWR-3 | 10/31/05 | 74.93 | --- | NM | --- | NC |
| GWR-3 | 05/01/06 | 74.93 | --- | 26.46 | --- | 48.47 |
| GWR-3 | 12/04/06 | 74.93 | --- | 28.27 | --- | 46.66 |
| GWR-3 | 04/30/07 | 74.93 | --- | 27.97 | --- | 46.96 |
| GWR-3 | 11/12/07 | 74.93 | --- | 27.90 | --- | 47.03 |
| GWR-3 | 10/17/08 | 74.93 | --- | 29.88 | --- | 45.05 |
| GWR-3 | 12/17/08 | 74.93 | --- | 19.71 | --- | 55.22 |
| GWR-3 | 01/15/09 | 74.93 | 29.26 | 29.27 | 0.26 | 45.88 |
| GWR-3 | 03/27/09 | 74.93 | --- | 27.18 | --- | 47.75 |
| GWR-3 | 04/21/09 | 74.93 | --- | 29.97 | --- | 44.96 |
| GWR-3 | 07/21/09 | 74.93 | --- | 28.77 | --- | 46.16 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/14/14 | 77.60 | 32.23 | 38.80 | 6.57 | 44.25 |
| GWR-3 | 05/05/14 | 77.60 | 32.31 | 38.81 | 6.50 | 44.18 |
| GWR-3 | 05/12/14 | 77.60 | 32.77 | 36.34 | 3.57 | 44.22 |
| GWR-3 | 05/27/14 | 77.60 | 33.20 | 36.11 | 2.91 | 43.91 |
| GWR-3 | 06/04/14 | 77.60 | 31.61 | 34.57 | 2.96 | 45.49 |
| GWR-3 | 08/08/14 | 77.60 | 33.38 | 37.92 | 4.54 | 43.45 |
| GWR-3 | 08/13/14 | 77.60 | 33.18 | 35.38 | 2.20 | 44.05 |
| GWR-3 | 08/19/14 | 77.60 | 33.25 | 35.28 | 2.03 | 44.00 |
| GWR-3 | 08/29/14 | 77.60 | 33.12 | 35.72 | 2.60 | 44.04 |
| GWR-3 | 09/05/14 | 77.60 | 33.19 | 35.68 | 2.49 | 43.99 |
| GWR-3 | 09/11/14 | 77.60 | 33.04 | 36.05 | 3.01 | 44.05 |
| GWR-3 | 09/18/14 | 77.60 | 33.27 | 35.34 | 2.07 | 43.98 |
| GWR-3 | 09/26/14 | 77.60 | 33.24 | 35.25 | 2.01 | 44.02 |
| GWR-3 | 10/01/14 | 77.60 | 34.01 | 36.44 | 2.43 | 43.18 |
| GWR-3 | 10/06/14 | 77.60 | 33.33 | 34.71 | 1.38 | 44.04 |
| GWR-3 | 10/14/14 | 77.60 | 33.20 | 35.15 | 1.95 | 44.07 |
| GWR-3 | 10/23/14 | 77.60 | 33.20 | 35.36 | 2.16 | 44.03 |
| GWR-3 | 10/27/14 | 77.60 | 33.49 | 34.68 | 1.19 | 43.91 |
| GWR-3 | 11/03/14 | 77.60 | 33.18 | 35.43 | 2.25 | 44.04 |
| GWR-3 | 11/10/14 | 77.60 | 33.32 | 35.02 | 1.70 | 43.99 |
| GWR-3 | 11/18/14 | 77.60 | 33.34 | 35.05 | 1.71 | 43.97 |
| GWR-3 | 11/25/14 | 77.60 | 33.36 | 35.04 | 1.68 | 43.95 |
| GWR-3 | 12/03/14 | 77.60 | 33.34 | 34.95 | 1.61 | 43.99 |
| GWR-3 | 12/12/14 | 77.60 | 33.64 | 35.11 | 1.47 | 43.71 |
| GWR-3 | 12/19/14 | 77.60 | 33.67 | 35.55 | 1.88 | 43.61 |
| GWR-3 | 04/20/15 | 77.60 | 33.34 | 37.25 | 3.91 | 43.60 |
| GWR-3 | 07/24/15 | 77.60 | 33.95 | 41.30 | 7.35 | 42.40 |
| GWR-3 | 08/12/15 | 77.60 | 34.42 | 37.03 | 2.61 | 42.74 |
| GWR-3 | 10/20/15 | 77.60 | 34.65 | 35.98 | 1.33 | 42.72 |
| GWR-3 | 03/16/16 | 77.60 | --- | 38.60 | --- | 39.00 |
| GWR-3 | 04/11/16 | 77.60 | --- | 36.90 | --- | 40.70 |
| GWR-3 | 06/29/16 | 77.60 | --- | 37.77 | --- | 39.83 |
| GWR-3 | 08/22/16 | 77.60 | --- | 38.24 | --- | 39.36 |
| GWR-3 | 10/03/16 | 77.60 | 39.15 | 39.20 | 0.05 | 38.44 |
| GWR-3 | 10/03/16 | 77.60 | 39.15 | 39.20 | 0.05 | NC |
| GWR-3 | 04/17/17 | 77.60 | --- | 34.88 | --- | 42.72 |
| GWR-3 | 10/02/17 | 77.60 | --- | 38.92 | --- | 38.68 |
| GWR-3 | 04/16/18 | 77.60 | --- | 38.73 | --- | 38.87 |
| 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 |
| GWR-3 | 11/02/20 | 77.60 | --- | 35.51 | --- | 42.09 |
| GWR-3 | 05/03/21 | 77.60 | --- | 36.18 | --- | 41.42 |
| GWR-3 | 11/01/21 | 77.60 | --- | 38.07 | --- | 39.53 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| HL-1 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-2 | 11/02/20 | 76.94 | --- | 36.00 | --- | 40.94 |
| HL-2 | 05/03/21 | 76.94 | --- | 36.43 | --- | 40.51 |
| HL-2 | 11/01/21 | 76.94 | --- | 37.01 | --- | 39.93 |
| HL-3 | 05/07/01 | 76.86 | --- | 27.92 | --- | 48.94 |
| HL-3 | 11/05/01 | 76.86 | --- | 27.99 | --- | 48.87 |
| HL-3 | 04/08/02 | 76.86 | --- | 28.73 | --- | 48.13 |
| HL-3 | 10/21/02 | 76.86 | --- | 29.13 | --- | 47.73 |
| HL-3 | 04/07/03 | 76.86 | --- | 29.04 | --- | 47.82 |
| HL-3 | 10/06/03 | 76.86 | --- | 28.74 | --- | 48.12 |
| HL-3 | 01/11/04 | 76.86 | --- | 30.21 | --- | 46.65 |
| HL-3 | 04/19/04 | 76.86 | --- | 29.98 | --- | 46.88 |
| HL-3 | 05/02/05 | 76.86 | --- | 24.80 | --- | 52.06 |
| HL-3 | 10/31/05 | 76.86 | --- | 26.28 | --- | 50.58 |
| HL-3 | 05/01/06 | 76.86 | --- | 26.01 | --- | 50.85 |
| HL-3 | 12/04/06 | 76.86 | --- | 26.86 | --- | 50.00 |
| HL-3 | 04/30/07 | 76.86 | --- | 26.92 | --- | 49.94 |
| HL-3 | 11/12/07 | 76.86 | --- | 27.39 | --- | 49.47 |
| HL-3 | 04/14/08 | 76.86 | --- | 27.62 | --- | 49.24 |
| HL-3 | 10/13/08 | 76.86 | --- | 28.29 | --- | 48.57 |
| HL-3 | 04/20/09 | 76.86 | --- | 28.45 | --- | 48.41 |
| HL-3 | 10/19/09 | 76.86 | --- | 29.46 | --- | 47.40 |
| HL-3 | 05/24/10 | 76.86 | --- | 29.27 | --- | 47.59 |
| HL-3 | 05/28/10 | 76.86 | --- | 29.34 | --- | 47.52 |
| HL-3 | 10/04/10 | 76.86 | --- | 29.36 | --- | 47.50 |
| HL-3 | 04/11/11 | 76.86 | --- | 28.28 | --- | 48.58 |
| HL-3 | 10/10/11 | 76.86 | --- | 28.70 | --- | 48.16 |
| HL-3 | 04/16/12 | 76.86 | --- | 29.83 | --- | 47.03 |
| HL-3 | 07/09/12 | 76.86 | --- | NM | --- | NC |
| HL-3 | 10/15/12 | 76.86 | --- | 30.64 | --- | 46.22 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-3 | 11/02/20 | 76.86 | --- | 35.83 | --- | 41.03 |
| HL-3 | 05/03/21 | 76.86 | --- | 36.40 | --- | 40.46 |
| HL-3 | 11/01/21 | 76.86 | --- | 36.90 | --- | 39.96 |
| 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-6 | 11/20/96 | 77.20 | --- | 30.88 | --- | 46.32 |
| MW-6 | 07/01/97 | 77.20 | --- | 32.12 | --- | 45.08 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 12/31/97 | 77.20 | --- | 31.26 | --- | 45.94 |
| MW-6 | 05/01/98 | 77.20 | --- | 29.15 | --- | 48.05 |
| MW-6 | 05/03/99 | 77.20 | --- | 29.46 | --- | 47.74 |
| MW-6 | 08/09/99 | 77.20 | --- | 29.65 | --- | 47.55 |
| MW-6 | 11/15/99 | 77.20 | --- | 29.73 | --- | 47.47 |
| MW-6 | 05/15/00 | 77.20 | --- | 29.39 | --- | 47.81 |
| MW-6 | 11/13/00 | 77.20 | --- | 30.70 | --- | 46.50 |
| MW-6 | 05/07/01 | 77.20 | --- | 28.88 | --- | 48.32 |
| MW-6 | 11/05/01 | 77.20 | --- | 28.53 | --- | 48.67 |
| MW-6 | 04/08/02 | 77.20 | --- | 29.29 | --- | 47.91 |
| MW-6 | 04/08/02 | 77.20 | --- | 29.51 | --- | 47.69 |
| MW-6 | 10/21/02 | 77.20 | --- | 29.40 | --- | 47.80 |
| MW-6 | 04/07/03 | 77.20 | --- | 29.67 | --- | 47.53 |
| MW-6 | 10/06/03 | 77.20 | --- | 29.48 | --- | 47.72 |
| MW-6 | 01/11/04 | 77.20 | --- | 30.31 | --- | 46.89 |
| MW-6 | 04/19/04 | 77.20 | --- | 30.29 | --- | 46.91 |
| MW-6 | 05/02/05 | 77.20 | --- | 27.00 | --- | 50.20 |
| MW-6 | 10/31/05 | 77.20 | --- | 26.36 | --- | 50.84 |
| MW-6 | 05/01/06 | 77.20 | --- | 26.79 | --- | 50.41 |
| MW-6 | 12/04/06 | 77.20 | --- | 27.41 | --- | 49.79 |
| MW-6 | 04/30/07 | 77.20 | --- | 27.47 | --- | 49.73 |
| MW-6 | 11/12/07 | 77.20 | --- | 27.72 | --- | 49.48 |
| MW-6 | 04/14/08 | 77.20 | --- | 28.13 | --- | 49.07 |
| MW-6 | 10/13/08 | 77.20 | --- | 30.63 | --- | 46.57 |
| MW-6 | 04/20/09 | 77.20 | --- | 28.80 | --- | 48.40 |
| MW-6 | 10/19/09 | 77.20 | --- | 29.48 | --- | 47.72 |
| MW-6 | 05/24/10 | 77.20 | --- | 30.33 | --- | 46.87 |
| MW-6 | 05/28/10 | 77.20 | --- | 30.17 | --- | 47.03 |
| MW-6 | 10/04/10 | 77.20 | --- | 29.80 | --- | 47.40 |
| MW-6 | 04/11/11 | 77.20 | --- | 29.14 | --- | 48.06 |
| MW-6 | 10/10/11 | 77.20 | --- | 29.04 | --- | 48.16 |
| MW-6 | 04/16/12 | 77.20 | --- | 30.10 | --- | 47.10 |
| MW-6 | 07/09/12 | 77.20 | --- | NM | --- | NC |
| MW-6 | 10/15/12 | 77.20 | --- | 30.91 | --- | 46.29 |
| MW-6 | 04/08/13 | 77.20 | --- | 31.30 | --- | 45.90 |
| MW-6 | 10/07/13 | 77.20 | --- | 32.14 | --- | 45.06 |
| MW-6 | 04/14/14 | 77.20 | --- | 32.98 | --- | 44.22 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/28/19 | 77.20 | --- | 36.77 | --- | 40.43 |
| MW-6 | 05/04/20 | 77.20 | --- | 36.31 | --- | 40.89 |
| MW-6 | 11/02/20 | 77.20 | --- | 36.56 | --- | 40.64 |
| MW-6 | 05/03/21 | 77.20 | --- | 36.96 | --- | 40.24 |
| MW-6 | 11/01/21 | 77.20 | --- | 37.14 | --- | 40.06 |
| MW-7 | 11/20/96 | 78.13 | --- | 32.65 | --- | 45.48 |
| MW-7 | 07/01/97 | 78.13 | --- | 34.04 | --- | 44.09 |
| MW-7 | 12/31/97 | 78.13 | --- | 32.78 | --- | 45.35 |
| MW-7 | 05/01/98 | 78.13 | --- | 30.17 | --- | 47.96 |
| MW-7 | 05/03/99 | 78.13 | --- | 30.64 | --- | 47.49 |
| MW-7 | 08/09/99 | 78.13 | --- | 30.56 | --- | 47.57 |
| MW-7 | 11/15/99 | 78.13 | --- | 30.40 | --- | 47.73 |
| MW-7 | 05/15/00 | 78.13 | --- | 30.30 | --- | 47.83 |
| MW-7 | 11/13/00 | 78.13 | --- | 31.69 | --- | 46.44 |
| MW-7 | 05/07/01 | 78.13 | --- | 29.43 | --- | 48.70 |
| MW-7 | 11/05/01 | 78.13 | --- | 29.34 | --- | 48.79 |
| MW-7 | 04/08/02 | 78.13 | --- | 30.05 | --- | 48.08 |
| MW-7 | 10/21/02 | 78.13 | --- | 30.42 | --- | 47.71 |
| MW-7 | 04/07/03 | 78.13 | --- | 31.46 | --- | 46.67 |
| MW-7 | 10/06/03 | 78.13 | --- | 30.50 | --- | 47.63 |
| MW-7 | 01/11/04 | 78.13 | --- | 32.16 | --- | 45.97 |
| MW-7 | 04/19/04 | 78.13 | --- | 32.30 | --- | 45.83 |
| MW-7 | 05/02/05 | 78.13 | --- | 27.06 | --- | 51.07 |
| MW-7 | 10/31/05 | 78.13 | --- | 27.11 | --- | 51.02 |
| MW-7 | 05/01/06 | 78.13 | --- | 27.51 | --- | 50.62 |
| MW-7 | 12/04/06 | 78.13 | --- | 28.34 | --- | 49.79 |
| MW-7 | 04/30/07 | 78.13 | --- | 28.37 | --- | 49.76 |
| MW-7 | 11/12/07 | 78.13 | --- | 28.73 | --- | 49.40 |
| MW-7 | 04/14/08 | 78.13 | --- | 29.75 | --- | 48.38 |
| MW-7 | 10/13/08 | 78.13 | --- | 29.63 | --- | 48.50 |
| MW-7 | 04/20/09 | 78.13 | --- | 29.76 | --- | 48.37 |
| MW-7 | 10/19/09 | 78.13 | --- | 30.70 | --- | 47.43 |
| MW-7 | 05/24/10 | 78.13 | --- | 30.70 | --- | 47.43 |
| MW-7 | 05/28/10 | 78.13 | --- | 30.68 | --- | 47.45 |
| MW-7 | 10/04/10 | 78.13 | --- | 28.16 | --- | 49.97 |
| MW-7 | 04/11/11 | 78.13 | --- | 29.64 | --- | 48.49 |
| MW-7 | 10/10/11 | 78.13 | --- | 30.02 | --- | 48.11 |
| MW-7 | 04/16/12 | 78.13 | --- | 31.04 | --- | 47.09 |
| MW-7 | 07/09/12 | 78.13 | --- | NM | --- | NC |
| MW-7 | 10/15/12 | 78.13 | --- | 31.81 | --- | 46.32 |
| MW-7 | 04/08/13 | 78.13 | --- | 32.54 | --- | 45.59 |
| MW-7 | 10/07/13 | 78.13 | --- | 33.04 | --- | 45.09 |
| MW-7 | 04/14/14 | 78.13 | --- | 34.00 | --- | 44.13 |
| MW-7 | 10/27/14 | 78.13 | --- | 34.19 | --- | 43.94 |
| MW-7 | 04/20/15 | 78.13 | --- | 34.70 | --- | 43.43 |
| MW-7 | 10/19/15 | 78.13 | --- | 35.36 | --- | 42.77 |
| MW-7 | 04/11/16 | 78.13 | --- | 36.75 | --- | 41.38 |
| MW-7 | 10/03/16 | 78.13 | --- | 37.90 | --- | 40.23 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-7 | 10/03/16 | 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-7 | 11/02/20 | 78.13 | --- | 37.26 | --- | 40.87 |
| MW-7 | 05/03/21 | 78.13 | --- | 37.70 | --- | 40.43 |
| MW-7 | 11/01/21 | 78.13 | --- | 38.00 | --- | 40.13 |
| MW-8 | 11/20/96 | 76.06 | --- | 28.06 | --- | 48.00 |
| MW-8 | 05/03/99 | 76.06 | --- | 25.82 | --- | 50.24 |
| MW-8 | 08/09/99 | 76.06 | --- | 26.30 | --- | 49.76 |
| MW-8 | 11/15/99 | 76.06 | --- | 26.93 | --- | 49.13 |
| MW-8 | 05/15/00 | 76.06 | --- | 26.64 | --- | 49.42 |
| MW-8 | 11/13/00 | 76.06 | --- | 27.69 | --- | 48.37 |
| MW-8 | 02/05/01 | 76.06 | --- | 27.15 | --- | 48.91 |
| MW-8 | 05/07/01 | 76.06 | --- | 25.43 | --- | 50.63 |
| MW-8 | 09/18/01 | 76.06 | --- | 25.87 | --- | 50.19 |
| MW-8 | 11/05/01 | 76.06 | --- | NM | --- | NC |
| MW-8 | 01/29/02 | 76.06 | --- | 26.33 | --- | 49.73 |
| MW-8 | 04/08/02 | 76.06 | --- | 26.70 | --- | 49.36 |
| MW-8 | 10/21/02 | 76.06 | --- | 27.87 | --- | 48.19 |
| MW-8 | 01/27/03 | 76.06 | --- | 27.39 | --- | 48.67 |
| MW-8 | 04/07/03 | 76.06 | --- | 26.75 | --- | 49.31 |
| MW-8 | 07/31/03 | 76.06 | --- | 26.56 | --- | 49.50 |
| MW-8 | 10/06/03 | 76.06 | --- | 26.82 | --- | 49.24 |
| MW-8 | 01/11/04 | 76.06 | --- | 28.25 | --- | 47.81 |
| MW-8 | 01/27/04 | 76.06 | --- | 27.52 | --- | 48.54 |
| MW-8 | 04/19/04 | 76.06 | --- | 29.21 | --- | 46.85 |
| MW-8 | 07/19/04 | 76.06 | --- | 27.68 | --- | 48.38 |
| MW-8 | 02/01/05 | 76.06 | --- | 26.49 | --- | 49.57 |
| MW-8 | 05/02/05 | 76.06 | --- | 22.01 | --- | 54.05 |
| MW-8 | 08/01/05 | 76.06 | --- | 23.19 | --- | 52.87 |
| MW-8 | 10/31/05 | 76.06 | --- | 25.72 | --- | 50.34 |
| MW-8 | 02/27/06 | 76.06 | --- | 24.41 | --- | 51.65 |
| MW-8 | 05/01/06 | 76.06 | --- | 24.37 | --- | 51.69 |
| MW-8 | 09/18/06 | 76.06 | --- | 25.21 | --- | 50.85 |
| MW-8 | 12/04/06 | 76.06 | --- | 25.46 | --- | 50.60 |
| MW-8 | 03/12/07 | 76.06 | --- | 25.98 | --- | 50.08 |
| MW-8 | 04/30/07 | 76.06 | --- | 25.18 | --- | 50.88 |
| MW-8 | 08/28/07 | 76.06 | --- | 26.90 | --- | 49.16 |
| MW-8 | 11/12/07 | 76.06 | --- | 26.40 | --- | 49.66 |
| MW-8 | 02/19/08 | 76.06 | --- | 26.79 | --- | 49.27 |
| MW-8 | 04/14/08 | 76.06 | --- | 26.29 | --- | 49.77 |
| MW-8 | 10/13/08 | 76.06 | --- | 27.27 | --- | 48.79 |
| MW-8 | 04/20/09 | 76.06 | --- | 27.19 | --- | 48.87 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-8 | 11/02/20 | 76.06 | --- | 26.46 | --- | 49.60 |
| MW-8 | 05/03/21 | 76.06 | --- | 30.70 | --- | 45.36 |
| MW-8 | 11/01/21 | 76.06 | --- | 38.59 | --- | 37.47 |
| MW-9 | 11/20/96 | 77.11 | --- | 29.76 | --- | 47.35 |
| MW-9 | 07/01/97 | 77.11 | --- | 29.41 | --- | 47.70 |
| MW-9 | 12/31/97 | 77.11 | --- | 29.72 | --- | 47.39 |
| MW-9 | 05/01/98 | 77.11 | --- | 26.20 | --- | 50.91 |
| MW-9 | 08/09/99 | 77.11 | 28.08 | 28.50 | 0.42 | 48.95 |
| MW-9 | 11/15/99 | 77.11 | --- | 28.58 | --- | 48.53 |
| MW-9 | 11/19/99 | 77.11 | --- | NM | --- | NC |
| MW-9 | 11/13/00 | 77.11 | 28.92 | 28.94 | 0.02 | 48.19 |
| MW-9 | 05/07/01 | 77.11 | --- | 24.26 | --- | 52.85 |
| MW-9 | 05/10/01 | 77.11 | --- | 27.13 | --- | 49.98 |
| MW-9 | 09/18/01 | 77.11 | 27.49 | 27.50 | 0.01 | 49.62 |
| MW-9 | 11/05/01 | 77.11 | --- | 27.59 | --- | 49.52 |
| MW-9 | 04/08/02 | 77.11 | 28.21 | 28.30 | 0.09 | 48.88 |
| MW-9 | 10/21/02 | 77.11 | 29.10 | 29.16 | 0.06 | 48.00 |
| MW-9 | 04/07/03 | 77.11 | 28.41 | 28.42 | 0.01 | 48.70 |
| MW-9 | 10/06/03 | 77.11 | 28.47 | 28.48 | 0.01 | 48.64 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-9 | 11/02/20 | 77.11 | --- | 34.78 | --- | 42.33 |
| MW-9 | 05/03/21 | 77.11 | --- | 35.63 | --- | 41.48 |
| MW-9 | 11/01/21 | 77.11 | --- | 38.01 | --- | 39.10 |
| MW-10 | 11/20/96 | 79.12 | --- | 32.80 | --- | 46.32 |
| MW-10 | 07/01/97 | 79.12 | --- | 32.86 | --- | 46.26 |
| MW-10 | 12/31/97 | 79.12 | --- | 32.92 | --- | 46.20 |
| MW-10 | 05/01/98 | 79.12 | --- | 30.28 | --- | 48.84 |
| MW-10 | 05/25/99 | 79.12 | --- | 30.79 | --- | 48.33 |
| MW-10 | 05/15/00 | 79.12 | --- | 32.32 | --- | 46.80 |
| MW-10 | 11/13/00 | 79.12 | --- | 30.90 | --- | 48.22 |
| MW-10 | 05/07/01 | 79.12 | --- | 31.21 | --- | 47.91 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/14/08 | 75.76 | --- | 27.59 | --- | 48.17 |
| MW-12 | 04/20/09 | 75.76 | --- | 27.34 | --- | 48.42 |
| MW-12 | 10/19/09 | 75.76 | --- | 28.88 | --- | 46.88 |
| MW-12 | 04/08/10 | 75.76 | --- | 27.93 | --- | 47.83 |
| MW-12 | 05/24/10 | 75.76 | --- | 28.16 | --- | 47.60 |
| MW-12 | 05/28/10 | 75.76 | --- | 28.10 | --- | 47.66 |
| MW-12 | 10/04/10 | 75.76 | --- | 28.21 | --- | 47.55 |
| MW-12 | 04/11/11 | 75.76 | --- | 27.14 | --- | 48.62 |
| MW-12 | 10/10/11 | 75.76 | --- | 27.92 | --- | 47.84 |
| MW-12 | 04/16/12 | 75.76 | --- | 29.10 | --- | 46.66 |
| MW-12 | 07/09/12 | 75.76 | --- | NM | --- | NC |
| MW-12 | 10/15/12 | 75.76 | --- | 30.31 | --- | 45.45 |
| MW-12 | 04/08/13 | 75.76 | --- | 30.53 | --- | 45.23 |
| MW-12 | 10/07/13 | 75.76 | --- | 31.02 | --- | 44.74 |
| MW-12 | 04/14/14 | 75.76 | --- | 31.61 | --- | 44.15 |
| MW-12 | 10/27/14 | 75.76 | --- | 31.88 | --- | 43.88 |
| MW-12 | 04/20/15 | 75.76 | --- | 32.39 | --- | 43.37 |
| MW-12 | 11/06/15 | 75.76 | --- | 34.12 | --- | 41.64 |
| MW-12 | 04/11/16 | 75.76 | --- | 34.56 | --- | 41.20 |
| MW-12 | 10/03/16 | 75.76 | --- | 35.84 | --- | 39.92 |
| MW-12 | 10/03/16 | 75.76 | --- | 35.84 | --- | 39.92 |
| MW-12 | 04/17/17 | 75.76 | --- | 32.97 | --- | 42.79 |
| MW-12 | 10/02/17 | 75.76 | --- | 35.85 | --- | 39.91 |
| MW-12 | 04/16/18 | 75.76 | --- | 35.98 | --- | 39.78 |
| MW-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-12 | 11/02/20 | 75.76 | --- | 34.54 | --- | 41.22 |
| MW-12 | 05/03/21 | 75.76 | --- | 35.23 | --- | 40.53 |
| MW-12 | 11/01/21 | 75.76 | --- | 35.93 | --- | 39.83 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/02/05 | 78.25 | --- | 25.62 | --- | 52.63 |
| MW-13 | 03/06/06 | 78.25 | --- | 27.70 | --- | 50.55 |
| MW-13 | 05/01/06 | 78.25 | --- | 27.70 | --- | 50.55 |
| MW-13 | 08/26/06 | 78.25 | --- | 28.04 | --- | 50.21 |
| MW-13 | 12/01/06 | 78.25 | --- | 28.49 | --- | 49.76 |
| MW-13 | 03/21/07 | 78.25 | --- | 28.58 | --- | 49.67 |
| MW-13 | 04/27/07 | 78.25 | --- | 29.00 | --- | 49.25 |
| MW-13 | 08/28/07 | 78.25 | --- | 29.10 | --- | 49.15 |
| MW-13 | 11/12/07 | 78.25 | --- | 29.46 | --- | 48.79 |
| MW-13 | 02/05/08 | 78.25 | --- | 30.00 | --- | 48.25 |
| MW-13 | 04/11/08 | 78.25 | --- | 29.23 | --- | 49.02 |
| MW-13 | 07/24/08 | 78.25 | --- | 29.71 | --- | 48.54 |
| 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-13 | 10/19/20 | 78.25 | --- | 37.12 | --- | 41.13 |
| MW-13 | 11/02/20 | 78.25 | --- | 37.12 | --- | 41.13 |
| MW-13 | 05/03/21 | 78.25 | --- | 37.67 | --- | 40.58 |
| MW-13 | 11/02/21 | 78.25 | --- | 38.00 | --- | 40.25 |
| MW-14 | 11/20/96 | 78.60 | --- | 32.52 | --- | 46.08 |
| MW-14 | 07/01/97 | 78.60 | --- | 33.64 | --- | 44.96 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 12/31/97 | 78.60 | --- | 32.91 | --- | 45.69 |
| MW-14 | 05/01/98 | 78.60 | --- | 30.93 | --- | 47.67 |
| MW-14 | 02/03/99 | 78.60 | --- | 30.99 | --- | 47.61 |
| MW-14 | 05/07/99 | 78.60 | --- | 31.84 | --- | 46.76 |
| MW-14 | 05/25/99 | 78.60 | --- | 30.85 | --- | 47.75 |
| MW-14 | 08/09/99 | 78.60 | --- | 32.23 | --- | 46.37 |
| MW-14 | 02/29/00 | 78.60 | --- | 31.43 | --- | 47.17 |
| MW-14 | 05/15/00 | 78.60 | --- | 31.22 | --- | 47.38 |
| MW-14 | 08/28/00 | 78.60 | --- | 31.78 | --- | 46.82 |
| MW-14 | 11/13/00 | 78.60 | --- | 31.72 | --- | 46.88 |
| MW-14 | 02/05/01 | 78.60 | --- | 31.25 | --- | 47.35 |
| MW-14 | 05/07/01 | 78.60 | --- | 30.55 | --- | 48.05 |
| MW-14 | 05/07/01 | 78.60 | --- | NM | --- | NC |
| MW-14 | 09/18/01 | 78.60 | --- | 30.42 | --- | 48.18 |
| MW-14 | 01/29/02 | 78.60 | --- | 30.89 | --- | 47.71 |
| MW-14 | 04/08/02 | 78.60 | --- | 31.22 | --- | 47.38 |
| MW-14 | 07/29/02 | 78.60 | --- | 31.02 | --- | 47.58 |
| MW-14 | 10/21/02 | 78.60 | --- | 31.08 | --- | 47.52 |
| MW-14 | 01/27/03 | 78.60 | --- | 30.78 | --- | 47.82 |
| MW-14 | 04/07/03 | 78.60 | --- | 30.90 | --- | 47.70 |
| MW-14 | 10/06/03 | 78.60 | --- | 30.96 | --- | 47.64 |
| MW-14 | 04/19/04 | 78.60 | --- | 31.51 | --- | 47.09 |
| MW-14 | 11/01/04 | 78.60 | --- | 31.61 | --- | 46.99 |
| MW-14 | 02/28/05 | 78.60 | --- | 29.79 | --- | 48.81 |
| MW-14 | 05/02/05 | 78.60 | --- | 28.31 | --- | 50.29 |
| MW-14 | 03/06/06 | 78.60 | --- | 28.34 | --- | 50.26 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/06/11 | 78.60 | --- | 31.31 | --- | 47.29 |
| MW-14 | 01/09/12 | 78.60 | --- | 31.40 | --- | 47.20 |
| MW-14 | 04/12/12 | 78.60 | --- | 32.07 | --- | 46.53 |
| MW-14 | 04/18/12 | 78.60 | --- | 31.83 | --- | 46.77 |
| MW-14 | 01/11/13 | 78.60 | --- | 33.24 | --- | 45.36 |
| MW-14 | 04/02/13 | 78.60 | --- | 33.13 | --- | 45.47 |
| MW-14 | 04/08/13 | 78.60 | --- | 33.80 | --- | 44.80 |
| MW-14 | 10/01/13 | 78.60 | --- | 33.90 | --- | 44.70 |
| MW-14 | 04/07/14 | 78.60 | --- | 34.98 | --- | 43.62 |
| MW-14 | 10/27/14 | 78.60 | --- | 35.03 | --- | 43.57 |
| MW-14 | 04/20/15 | 78.60 | --- | 35.38 | --- | 43.22 |
| MW-14 | 04/11/16 | 78.60 | --- | 36.49 | --- | 42.11 |
| MW-14 | 10/03/16 | 78.60 | --- | 36.37 | --- | 42.23 |
| MW-14 | 04/17/17 | 78.60 | --- | 36.99 | --- | 41.61 |
| MW-14 | 10/02/17 | 78.60 | --- | 37.31 | --- | 41.29 |
| MW-14 | 04/16/18 | 78.60 | --- | 37.64 | --- | 40.96 |
| MW-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-14 | 11/02/20 | 78.60 | --- | 38.25 | --- | 40.35 |
| MW-14 | 05/04/21 | 78.60 | --- | 38.56 | --- | 40.04 |
| MW-14 | 11/01/21 | 78.60 | --- | 37.77 | --- | 40.83 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-15 | 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 |
| 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-15R | 11/02/20 | 74.85 | --- | 33.03 | --- | 41.82 |
| MW-15R | 05/03/21 | 74.85 | --- | 33.57 | --- | 41.28 |
| MW-15R | 11/01/21 | 74.85 | --- | 34.82 | --- | 40.03 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-16 | 11/02/20 | 76.87 | --- | 35.42 | --- | 41.45 |
| MW-16 | 05/03/21 | 76.87 | --- | 34.96 | --- | 41.91 |
| MW-16 | 11/01/21 | 76.87 | --- | 36.69 | --- | 40.18 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-17 | 11/02/20 | 77.86 | --- | 36.31 | --- | 41.55 |
| MW-17 | 05/03/21 | 77.86 | --- | 36.80 | --- | 41.06 |
| MW-17 | 11/01/21 | 77.86 | --- | 37.48 | --- | 40.38 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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) | 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-18 (MID) | 11/02/20 | 75.67 | --- | 34.83 | --- | 40.84 |
| MW-18 (MID) | 05/03/21 | 75.67 | --- | 38.57 | --- | 37.10 |
| MW-18 (MID) | 11/01/21 | 75.67 | --- | 40.02 | --- | 35.65 |
| MW-19 (MID) | 11/20/96 | 78.14 | --- | 32.04 | --- | 46.10 |
| MW-19 (MID) | 07/01/97 | 78.14 | --- | 33.51 | --- | 44.63 |
| MW-19 (MID) | 12/31/97 | 78.14 | --- | 33.72 | --- | 44.42 |
| MW-19 (MID) | 05/01/98 | 78.14 | --- | 29.48 | --- | 48.66 |
| MW-19 (MID) | 02/03/99 | 78.14 | --- | 29.05 | --- | 49.09 |
| MW-19 (MID) | 05/03/99 | 78.14 | --- | 30.91 | --- | 47.23 |
| MW-19 (MID) | 08/09/99 | 78.14 | --- | 30.90 | --- | 47.24 |
| MW-19 (MID) | 11/15/99 | 78.14 | --- | 30.63 | --- | 47.51 |
| MW-19 (MID) | 02/29/00 | 78.14 | --- | 29.59 | --- | 48.55 |
| MW-19 (MID) | 05/15/00 | 78.14 | --- | 25.27 | --- | 52.87 |
| MW-19 (MID) | 08/28/00 | 78.14 | --- | 32.23 | --- | 45.91 |
| MW-19 (MID) | 11/13/00 | 78.14 | --- | 31.90 | --- | 46.24 |
| MW-19 (MID) | 02/05/01 | 78.14 | --- | 30.55 | --- | 47.59 |
| MW-19 (MID) | 05/07/01 | 78.14 | --- | 29.82 | --- | 48.32 |
| MW-19 (MID) | 09/18/01 | 78.14 | --- | 29.81 | --- | 48.33 |
| MW-19 (MID) | 11/05/01 | 78.14 | --- | 29.71 | --- | 48.43 |
| MW-19 (MID) | 01/29/02 | 78.14 | --- | 30.00 | --- | 48.14 |
| MW-19 (MID) | 04/08/02 | 78.14 | --- | 30.12 | --- | 48.02 |
| MW-19 (MID) | 10/21/02 | 78.14 | --- | 41.44 | --- | 36.70 |
| MW-19 (MID) | 04/07/03 | 78.14 | --- | 31.94 | --- | 46.20 |
| MW-19 (MID) | 10/06/03 | 78.14 | --- | 31.10 | --- | 47.04 |
| MW-19 (MID) | 01/11/04 | 78.14 | --- | 32.97 | --- | 45.17 |
| MW-19 (MID) | 04/19/04 | 78.14 | --- | 33.87 | --- | 44.27 |
| MW-19 (MID) | 05/02/05 | 78.14 | --- | 28.00 | --- | 50.14 |
| MW-19 (MID) | 10/31/05 | 78.14 | --- | 28.35 | --- | 49.79 |
| MW-19 (MID) | 05/01/06 | 78.14 | --- | 28.70 | --- | 49.44 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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) | 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-19 (MID) | 11/02/20 | 78.14 | --- | 40.40 | --- | 37.74 |
| MW-19 (MID) | 05/03/21 | 78.14 | --- | 41.65 | --- | 36.49 |
| MW-19 (MID) | 11/01/21 | 78.14 | --- | 41.21 | --- | 36.93 |
| MW-20 (MID) | 11/20/96 | 77.19 | --- | 31.98 | --- | 45.21 |
| MW-20 (MID) | 07/01/97 | 77.19 | --- | 33.31 | --- | 43.88 |
| MW-20 (MID) | 12/31/97 | 77.19 | --- | 32.89 | --- | 44.30 |
| MW-20 (MID) | 05/01/98 | 77.19 | --- | 29.81 | --- | 47.38 |
| MW-20 (MID) | 05/03/99 | 77.19 | --- | 30.63 | --- | 46.56 |
| MW-20 (MID) | 08/09/99 | 77.19 | --- | 31.07 | --- | 46.12 |
| MW-20 (MID) | 11/15/99 | 77.19 | --- | 31.00 | --- | 46.19 |
| MW-20 (MID) | 05/15/00 | 77.19 | --- | 30.65 | --- | 46.54 |
| MW-20 (MID) | 11/13/00 | 77.19 | --- | 32.10 | --- | 45.09 |
| MW-20 (MID) | 05/07/01 | 77.19 | --- | 30.14 | --- | 47.05 |
| MW-20 (MID) | 09/18/01 | 77.19 | --- | 30.15 | --- | 47.04 |
| MW-20 (MID) | 11/05/01 | 77.19 | --- | 30.09 | --- | 47.10 |
| MW-20 (MID) | 04/08/02 | 77.19 | --- | 30.82 | --- | 46.37 |
| MW-20 (MID) | 04/08/02 | 77.19 | --- | 36.14 | --- | 41.05 |
| MW-20 (MID) | 10/21/02 | 77.19 | --- | 31.12 | --- | 46.07 |
| MW-20 (MID) | 04/07/03 | 77.19 | --- | 31.25 | --- | 45.94 |
| MW-20 (MID) | 10/06/03 | 77.19 | --- | 31.35 | --- | 45.84 |
| MW-20 (MID) | 01/11/04 | 77.19 | --- | 32.33 | --- | 44.86 |
| MW-20 (MID) | 04/19/04 | 77.19 | --- | 32.04 | --- | 45.15 |
| MW-20 (MID) | 05/02/05 | 77.19 | --- | 28.73 | --- | 48.46 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-20 (MID) | 10/31/05 | 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-20 (MID) | 11/02/20 | 77.19 | --- | 38.90 | --- | 38.29 |
| MW-20 (MID) | 05/03/21 | 77.19 | --- | 39.00 | --- | 38.19 |
| MW-20 (MID) | 11/01/21 | 77.19 | --- | 39.55 | --- | 37.64 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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) | 05/02/05 | 77.55 | --- | 25.61 | --- | 51.94 |
| MW-21 (MID) | 10/31/05 | 77.55 | --- | 26.31 | --- | 51.24 |
| MW-21 (MID) | 05/01/06 | 77.55 | --- | 26.66 | --- | 50.89 |
| MW-21 (MID) | 12/04/06 | 77.55 | --- | 27.55 | --- | 50.00 |
| MW-21 (MID) | 04/30/07 | 77.55 | --- | 27.68 | --- | 49.87 |
| MW-21 (MID) | 11/12/07 | 77.55 | --- | 28.08 | --- | 49.47 |
| MW-21 (MID) | 04/14/08 | 77.55 | --- | 28.32 | --- | 49.23 |
| MW-21 (MID) | 10/13/08 | 77.55 | --- | 28.96 | --- | 48.59 |
| MW-21 (MID) | 04/20/09 | 77.55 | --- | 29.19 | --- | 48.36 |
| MW-21 (MID) | 10/19/09 | 77.55 | --- | 30.30 | --- | 47.25 |
| MW-21 (MID) | 05/24/10 | 77.55 | --- | 30.00 | --- | 47.55 |
| MW-21 (MID) | 05/28/10 | 77.55 | --- | 29.97 | --- | 47.58 |
| MW-21 (MID) | 04/11/11 | 77.55 | --- | 29.00 | --- | 48.55 |
| MW-21 (MID) | 10/10/11 | 77.55 | --- | 29.44 | --- | 48.11 |
| MW-21 (MID) | 04/16/12 | 77.55 | --- | 30.54 | --- | 47.01 |
| MW-21 (MID) | 07/09/12 | 77.55 | --- | NM | --- | NC |
| MW-21 (MID) | 10/15/12 | 77.55 | --- | 31.23 | --- | 46.32 |
| MW-21 (MID) | 04/08/13 | 77.55 | --- | 32.29 | --- | 45.26 |
| MW-21 (MID) | 10/07/13 | 77.55 | --- | 32.62 | --- | 44.93 |
| MW-21 (MID) | 04/14/14 | 77.55 | --- | 33.38 | --- | 44.17 |
| MW-21 (MID) | 10/27/14 | 77.55 | --- | 33.62 | --- | 43.93 |
| MW-21 (MID) | 04/20/15 | 77.55 | --- | 34.08 | --- | 43.47 |
| 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-21 (MID) | 11/02/20 | 77.55 | --- | 36.51 | --- | 41.04 |
| MW-21 (MID) | 05/03/21 | 77.55 | --- | 37.06 | --- | 40.49 |
| MW-21 (MID) | 11/01/21 | 77.55 | --- | 37.69 | --- | 39.86 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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) | 11/13/00 | 79.57 | --- | 33.47 | --- | 46.10 |
| MW-22 (MID) | 02/05/01 | 79.57 | --- | 32.62 | --- | 46.95 |
| MW-22 (MID) | 05/07/01 | 79.57 | --- | 32.05 | --- | 47.52 |
| MW-22 (MID) | 05/07/01 | 79.57 | --- | 32.01 | --- | 47.56 |
| MW-22 (MID) | 09/18/01 | 79.57 | --- | 32.07 | --- | 47.50 |
| MW-22 (MID) | 11/05/01 | 79.57 | --- | NM | --- | NC |
| MW-22 (MID) | 01/29/02 | 79.57 | --- | 32.32 | --- | 47.25 |
| MW-22 (MID) | 04/08/02 | 79.57 | --- | 32.61 | --- | 46.96 |
| MW-22 (MID) | 07/29/02 | 79.57 | --- | 32.76 | --- | 46.81 |
| MW-22 (MID) | 10/21/02 | 79.57 | --- | 32.66 | --- | 46.91 |
| MW-22 (MID) | 01/27/03 | 79.57 | --- | 32.44 | --- | 47.13 |
| MW-22 (MID) | 04/07/03 | 79.57 | --- | 32.50 | --- | 47.07 |
| MW-22 (MID) | 10/06/03 | 79.57 | --- | 32.98 | --- | 46.59 |
| MW-22 (MID) | 04/19/04 | 79.57 | --- | 33.32 | --- | 46.25 |
| MW-22 (MID) | 11/01/04 | 79.57 | --- | 33.44 | --- | 46.13 |
| MW-22 (MID) | 02/28/05 | 79.57 | --- | 31.66 | --- | 47.91 |
| MW-22 (MID) | 05/02/05 | 79.57 | --- | 29.93 | --- | 49.64 |
| MW-22 (MID) | 03/06/06 | 79.57 | --- | 30.12 | --- | 49.45 |
| MW-22 (MID) | 05/01/06 | 79.57 | --- | 30.54 | --- | 49.03 |
| MW-22 (MID) | 08/26/06 | 79.57 | --- | 31.04 | --- | 48.53 |
| MW-22 (MID) | 12/01/06 | 79.57 | --- | 31.18 | --- | 48.39 |
| MW-22 (MID) | 03/21/07 | 79.57 | --- | 31.49 | --- | 48.08 |
| MW-22 (MID) | 04/30/07 | 79.57 | --- | 31.33 | --- | 48.24 |
| MW-22 (MID) | 08/28/07 | 79.57 | --- | 31.96 | --- | 47.61 |
| MW-22 (MID) | 11/12/07 | 79.57 | --- | 32.19 | --- | 47.38 |
| MW-22 (MID) | 02/05/08 | 79.57 | --- | 32.51 | --- | 47.06 |
| MW-22 (MID) | 04/11/08 | 79.57 | --- | 31.83 | --- | 47.74 |
| MW-22 (MID) | 10/13/08 | 79.57 | --- | 33.01 | --- | 46.56 |
| MW-22 (MID) | 02/09/09 | 79.57 | --- | 32.96 | --- | 46.61 |
| MW-22 (MID) | 04/20/09 | 79.57 | --- | 32.65 | --- | 46.92 |
| MW-22 (MID) | 07/16/09 | 79.57 | --- | 33.51 | --- | 46.06 |
| MW-22 (MID) | 07/20/09 | 79.57 | --- | 33.96 | --- | 45.61 |
| MW-22 (MID) | 10/19/09 | 79.57 | --- | 33.87 | --- | 45.70 |
| MW-22 (MID) | 01/11/10 | 79.57 | --- | 34.14 | --- | 45.43 |
| MW-22 (MID) | 04/07/10 | 79.57 | --- | 34.02 | --- | 45.55 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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) | 04/15/14 | 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 |
| 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-22 (MID) | 10/19/20 | 79.57 | --- | 40.82 | --- | 38.75 |
| MW-22 (MID) | 11/02/20 | 79.57 | --- | 40.82 | --- | 38.75 |
| MW-22 (MID) | 05/04/21 | 79.57 | --- | 41.09 | --- | 38.48 |
| MW-22 (MID) | 11/01/21 | 79.57 | --- | 41.29 | --- | 38.28 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-23 (MID) | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-24 | 04/15/14 | 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-24 | 11/02/20 | 78.51 | --- | 37.26 | --- | 40.40 |
| MW-24 | 05/03/21 | 77.66 | --- | 37.52 | --- | 40.14 |
| MW-24 | 11/01/21 | 77.66 | --- | 37.86 | --- | 39.80 |
| MW-25 | 11/20/96 | 79.15 | --- | 33.90 | --- | 45.25 |
| MW-25 | 07/01/97 | 79.15 | --- | 34.59 | --- | 44.56 |
| MW-25 | 12/31/97 | 79.15 | --- | 33.41 | --- | 45.74 |
| MW-25 | 05/01/98 | 79.15 | --- | 31.26 | --- | 47.89 |
| MW-25 | 05/04/99 | 79.15 | --- | 32.01 | --- | 47.14 |
| MW-25 | 05/25/99 | 79.15 | --- | 31.45 | --- | 47.70 |
| MW-25 | 08/09/99 | 79.15 | --- | 32.56 | --- | 46.59 |
| MW-25 | 05/15/00 | 79.15 | --- | 31.86 | --- | 47.29 |
| MW-25 | 11/13/00 | 79.15 | --- | 33.56 | --- | 45.59 |
| MW-25 | 11/13/00 | 79.15 | --- | 32.50 | --- | 46.65 |
| MW-25 | 05/07/01 | 79.15 | --- | 31.15 | --- | 48.00 |
| MW-25 | 05/07/01 | 79.15 | --- | 31.12 | --- | 48.03 |
| MW-25 | 04/08/02 | 79.15 | --- | 31.81 | --- | 47.34 |
| MW-25 | 10/21/02 | 79.15 | --- | 31.59 | --- | 47.56 |
| MW-25 | 04/07/03 | 79.15 | --- | 31.40 | --- | 47.75 |
| MW-25 | 10/06/03 | 79.15 | --- | 31.73 | --- | 47.42 |
| MW-25 | 04/19/04 | 79.15 | --- | 32.19 | --- | 46.96 |
| MW-25 | 11/01/04 | 79.15 | --- | 32.25 | --- | 46.90 |
| MW-25 | 05/02/05 | 79.15 | --- | 28.89 | --- | 50.26 |
| MW-25 | 05/01/06 | 79.15 | --- | 29.44 | --- | 49.71 |
| MW-25 | 12/01/06 | 79.15 | --- | 29.84 | --- | 49.31 |
| MW-25 | 04/30/07 | 79.15 | --- | 29.99 | --- | 49.16 |
| MW-25 | 11/12/07 | 79.15 | --- | 30.50 | --- | 48.65 |
| MW-25 | 04/11/08 | 79.15 | --- | 30.27 | --- | 48.88 |
| MW-25 | 07/24/08 | 79.15 | --- | 30.90 | --- | 48.25 |
| MW-25 | 10/13/08 | 79.15 | --- | 31.44 | --- | 47.71 |
| MW-25 | 02/09/09 | 79.15 | --- | 30.70 | --- | 48.45 |
| MW-25 | 04/20/09 | 79.15 | --- | 31.32 | --- | 47.83 |
| MW-25 | 10/19/09 | 79.15 | --- | 32.00 | --- | 47.15 |
| MW-25 | 04/07/10 | 79.15 | --- | 32.39 | --- | 46.76 |
| MW-25 | 04/12/10 | 79.15 | --- | 31.86 | --- | 47.29 |
| MW-25 | 01/07/11 | 79.15 | --- | 32.76 | --- | 46.39 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-26 | 04/20/15 | 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-26 | 10/19/20 | 77.40 | --- | 36.85 | --- | 40.55 |
| MW-26 | 11/02/20 | 77.40 | --- | 36.85 | --- | 40.55 |
| MW-26 | 05/03/21 | 77.40 | --- | 37.21 | --- | 40.19 |
| MW-26 | 11/01/21 | 77.40 | --- | 37.44 | --- | 39.96 |
| MW-27 | 11/20/96 | 78.46 | --- | 32.13 | --- | 46.33 |
| MW-27 | 07/01/97 | 78.46 | --- | 32.99 | --- | 45.47 |
| MW-27 | 12/31/97 | 78.46 | --- | 32.21 | --- | 46.25 |
| MW-27 | 05/01/98 | 78.46 | --- | 29.05 | --- | 49.41 |
| MW-27 | 05/25/99 | 78.46 | --- | 30.27 | --- | 48.19 |
| MW-27 | 05/15/00 | 78.46 | --- | 30.81 | --- | 47.65 |
| MW-27 | 11/13/00 | 78.46 | --- | 31.79 | --- | 46.67 |
| MW-27 | 05/07/01 | 78.46 | --- | 29.61 | --- | 48.85 |
| MW-27 | 04/08/02 | 78.46 | --- | 30.69 | --- | 47.77 |
| MW-27 | 10/21/02 | 78.46 | --- | 30.62 | --- | 47.84 |
| MW-27 | 04/07/03 | 78.46 | --- | 30.40 | --- | 48.06 |
| MW-27 | 10/06/03 | 78.46 | --- | 30.79 | --- | 47.67 |
| MW-27 | 04/19/04 | 78.46 | --- | 31.87 | --- | 46.59 |
| MW-27 | 11/01/04 | 78.46 | --- | 31.66 | --- | 46.80 |
| MW-27 | 05/02/05 | 78.46 | --- | 26.48 | --- | 51.98 |
| MW-27 | 05/01/06 | 78.46 | --- | 28.17 | --- | 50.29 |
| MW-27 | 12/01/06 | 78.46 | --- | 28.99 | --- | 49.47 |
| MW-27 | 04/30/07 | 78.46 | --- | 29.17 | --- | 49.29 |
| MW-27 | 11/12/07 | 78.46 | --- | 29.75 | --- | 48.71 |
| MW-27 | 04/11/08 | 78.46 | --- | 29.25 | --- | 49.21 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-27 | 11/02/20 | 78.46 | --- | 37.85 | --- | 40.61 |
| MW-27 | 05/04/21 | 78.46 | --- | 38.31 | --- | 40.15 |
| MW-27 | 11/02/21 | 78.46 | --- | 38.65 | --- | 39.81 |
| MW-28 | 11/20/96 | 78.53 | --- | 31.79 | --- | 46.74 |
| MW-28 | 07/01/97 | 78.53 | --- | 31.98 | --- | 46.55 |
| MW-28 | 12/31/97 | 78.53 | --- | 31.51 | --- | 47.02 |
| MW-28 | 05/01/98 | 78.53 | --- | 29.09 | --- | 49.44 |
| MW-28 | 05/25/99 | 78.53 | --- | 29.83 | --- | 48.70 |
| MW-28 | 05/15/00 | 78.53 | --- | 30.45 | --- | 48.08 |
| MW-28 | 11/13/00 | 78.53 | --- | 30.65 | --- | 47.88 |
| MW-28 | 05/07/01 | 78.53 | --- | 29.18 | --- | 49.35 |
| MW-28 | 04/08/02 | 78.53 | --- | 30.25 | --- | 48.28 |
| MW-28 | 10/21/02 | 78.53 | --- | 30.77 | --- | 47.76 |
| MW-28 | 04/07/03 | 78.53 | --- | 29.85 | --- | 48.68 |
| MW-28 | 10/06/03 | 78.53 | --- | 30.10 | --- | 48.43 |
| MW-28 | 04/19/04 | 78.53 | --- | 31.45 | --- | 47.08 |
| MW-28 | 11/01/04 | 78.53 | --- | 31.25 | --- | 47.28 |
| MW-28 | 05/02/05 | 78.53 | --- | 25.17 | --- | 53.36 |
| MW-28 | 05/01/06 | 78.53 | --- | 27.55 | --- | 50.98 |
| MW-28 | 12/01/06 | 78.53 | --- | 28.66 | --- | 49.87 |
| MW-28 | 04/30/07 | 78.53 | --- | 29.05 | --- | 49.48 |
| MW-28 | 11/12/07 | 78.53 | --- | 29.64 | --- | 48.89 |
| MW-28 | 04/11/08 | 78.53 | --- | 29.28 | --- | 49.25 |
| MW-28 | 10/14/08 | 78.53 | --- | 30.38 | --- | 48.15 |
| MW-28 | 04/08/10 | 78.53 | --- | 30.58 | --- | 47.95 |
| MW-28 | 10/01/10 | 78.53 | --- | 31.07 | --- | 47.46 |
| MW-28 | 01/07/11 | 78.53 | --- | 31.13 | --- | 47.40 |
| MW-28 | 04/12/12 | 78.53 | --- | 31.76 | --- | 46.77 |
| MW-28 | 10/02/13 | 78.53 | --- | 33.89 | --- | 44.64 |
| MW-28 | 04/07/14 | 78.53 | --- | 34.91 | --- | 43.62 |
| MW-28 | 10/27/14 | 78.53 | --- | 34.79 | --- | 43.74 |
| MW-28 | 04/20/15 | 78.53 | --- | 35.10 | --- | 43.43 |
| MW-28 | 04/11/16 | 78.53 | --- | NM | --- | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-28 | 10/19/20 | 78.53 | --- | 34.92 | --- | 40.98 |
| MW-28 | 11/02/20 | 78.53 | --- | 34.92 | --- | 40.98 |
| MW-28 | 05/03/21 | 75.90 | --- | 36.53 | --- | 39.37 |
| MW-28 | 11/01/21 | 75.90 | --- | 36.17 | --- | 39.73 |
| MW-29 | 11/20/96 | 79.13 | 32.41 | 32.66 | 0.25 | 46.67 |
| MW-29 | 07/01/97 | 79.13 | 31.60 | 31.65 | 0.05 | 47.52 |
| MW-29 | 12/31/97 | 79.13 | --- | 31.99 | --- | 47.14 |
| MW-29 | 05/01/98 | 79.13 | --- | 29.06 | --- | 50.07 |
| MW-29 | 05/25/99 | 79.13 | --- | 30.03 | --- | 49.10 |
| MW-29 | 05/15/00 | 79.13 | --- | 30.81 | --- | 48.32 |
| MW-29 | 11/13/00 | 79.13 | --- | 31.30 | --- | 47.83 |
| MW-29 | 05/07/01 | 79.13 | --- | 29.30 | --- | 49.83 |
| MW-29 | 02/01/02 | 79.13 | --- | 29.71 | --- | 49.42 |
| MW-29 | 04/08/02 | 79.13 | --- | 31.12 | --- | 48.01 |
| MW-29 | 10/21/02 | 79.13 | --- | 31.48 | --- | 47.65 |
| MW-29 | 04/07/03 | 79.13 | --- | 30.42 | --- | 48.71 |
| MW-29 | 10/06/03 | 79.13 | --- | 30.40 | --- | 48.73 |
| MW-29 | 04/19/04 | 79.13 | --- | 31.39 | --- | 47.74 |
| MW-29 | 11/01/04 | 79.13 | --- | 31.72 | --- | 47.41 |
| MW-29 | 03/06/06 | 79.13 | --- | 27.38 | --- | 51.75 |
| MW-29 | 05/01/06 | 79.13 | --- | 27.52 | --- | 51.61 |
| MW-29 | 08/26/06 | 79.13 | --- | 28.23 | --- | 50.90 |
| MW-29 | 12/01/06 | 79.13 | --- | 28.92 | --- | 50.21 |
| MW-29 | 03/21/07 | 79.13 | --- | 28.72 | --- | 50.41 |
| MW-29 | 04/30/07 | 79.13 | --- | 29.66 | --- | 49.47 |
| MW-29 | 08/28/07 | 79.13 | --- | 29.01 | --- | 50.12 |
| MW-29 | 11/12/07 | 79.13 | --- | 30.25 | --- | 48.88 |
| MW-29 | 02/05/08 | 79.13 | --- | 29.91 | --- | 49.22 |
| MW-29 | 07/24/08 | 79.13 | --- | 30.03 | --- | 49.10 |
| MW-29 | 10/14/08 | 79.13 | --- | 30.94 | --- | 48.19 |
| MW-29 | 02/10/09 | 79.13 | --- | 30.26 | --- | 48.87 |
| MW-29 | 07/16/09 | 79.13 | --- | 31.15 | --- | 47.98 |
| MW-29 | 04/08/10 | 79.13 | --- | 31.04 | --- | 48.09 |
| MW-29 | 10/01/10 | 79.13 | --- | 31.64 | --- | 47.49 |
| MW-29 | 01/08/11 | 79.13 | --- | 31.90 | --- | 47.23 |
| MW-29 | 04/06/11 | 79.13 | --- | 30.19 | --- | 48.94 |
| MW-29 | 07/08/11 | 79.13 | --- | 30.65 | --- | 48.48 |
| MW-29 | 10/06/11 | 79.13 | --- | 31.30 | --- | 47.83 |
| MW-29 | 04/12/12 | 79.13 | --- | 32.52 | --- | 46.61 |
| MW-29 | 01/10/13 | 79.13 | --- | 33.79 | --- | 45.34 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-29 | 11/02/20 | 79.13 | --- | 37.98 | --- | 41.15 |
| MW-29 | 05/03/21 | 79.13 | --- | 38.44 | --- | 40.69 |
| MW-29 | 11/01/21 | 79.13 | --- | 37.93 | --- | 41.20 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-O-1 | 10/15/12 | 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-1 | 08/20/20 | 75.48 | --- | 32.86 | --- | 42.62 |
| MW-O-1 | 11/02/20 | 75.48 | --- | DRY | --- | NC |
| MW-O-1 | 02/24/21 | 75.48 | --- | 33.02 | --- | 42.46 |
| MW-O-1 | 05/03/21 | 75.48 | --- | DRY | --- | 40.14 |
| MW-O-1 | 08/31/21 | 75.48 | --- | DRY | --- | NC |
| MW-O-1 | 11/01/21 | 75.48 | --- | DRY | --- | NC |
| MW-O-1 | 03/10/22 | 75.48 | --- | DRY | --- | DRY |
| MW-O-2 | 11/20/96 | 74.38 | 25.55 | 29.58 | 4.03 | 48.02 |
| MW-O-2 | 07/01/97 | 74.31 | 26.15 | 26.49 | 0.34 | 48.09 |
| MW-O-2 | 12/31/97 | 74.31 | 26.78 | 29.00 | 2.22 | 47.09 |
| MW-O-2 | 08/09/99 | 74.31 | --- | NM | --- | NC |
| MW-O-2 | 05/15/00 | 74.31 | 25.37 | 29.63 | 4.26 | 48.09 |
| MW-O-2 | 11/13/00 | 74.31 | 25.61 | 26.32 | 0.71 | 48.56 |
| MW-O-2 | 05/07/01 | 74.31 | --- | NM | --- | NC |
| MW-O-2 | 11/05/01 | 74.31 | --- | 24.62 | --- | 49.69 |
| MW-O-2 | 04/08/02 | 74.31 | --- | 25.71 | --- | 48.60 |
| MW-O-2 | 04/07/03 | 74.31 | --- | NM | --- | NC |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/21/09 | 71.90 | --- | NM | --- | NC |
| MW-O-2 | 07/21/09 | 71.90 | --- | 23.63 | --- | 48.27 |
| MW-O-2 | 10/19/09 | 71.90 | --- | NM | --- | NC |
| MW-O-2 | 11/09/09 | 71.90 | --- | 25.39 | --- | 46.51 |
| MW-O-2 | 10/04/10 | 71.90 | --- | 26.05 | --- | 45.85 |
| MW-O-2 | 04/13/11 | 71.90 | --- | 23.31 | --- | 48.59 |
| MW-O-2 | 10/10/11 | 71.90 | --- | 27.53 | --- | 44.37 |
| MW-O-2 | 01/09/12 | 71.90 | --- | 28.13 | --- | 43.77 |
| MW-O-2 | 04/16/12 | 71.90 | --- | NM | --- | NC |
| MW-O-2 | 07/09/12 | 71.90 | --- | 26.53 | --- | 45.37 |
| MW-O-2 | 10/15/12 | 71.90 | --- | 26.89 | --- | 45.01 |
| MW-O-2 | 01/14/13 | 71.90 | --- | 26.93 | --- | 44.97 |
| MW-O-2 | 04/08/13 | 71.90 | --- | NM | --- | NC |
| MW-O-2 | 06/06/13 | 71.90 | --- | 28.99 | --- | 42.91 |
| MW-O-2 | 10/07/13 | 71.90 | --- | 29.06 | --- | 42.84 |
| MW-O-2 | 04/14/14 | 71.90 | --- | 29.36 | --- | 42.54 |
| MW-O-2 | 10/27/14 | 71.90 | 29.65 | 29.81 | 0.16 | 42.22 |
| MW-O-2 | 04/20/15 | 71.90 | 29.34 | 30.94 | 1.60 | 42.24 |
| MW-O-2 | 05/21/15 | 71.90 | 27.31 | 32.50 | 5.19 | 43.55 |
| MW-O-2 | 05/29/15 | 71.90 | 30.20 | 31.52 | 1.32 | 41.44 |
| MW-O-2 | 06/05/15 | 71.90 | 30.57 | 31.45 | 0.88 | 41.15 |
| MW-O-2 | 06/12/15 | 71.90 | 30.60 | 31.05 | 0.45 | 41.21 |
| MW-O-2 | 06/19/15 | 71.90 | 30.90 | 31.10 | 0.20 | 40.96 |
| MW-O-2 | 06/26/15 | 71.90 | 31.37 | 31.66 | 0.29 | 40.47 |
| MW-O-2 | 10/19/15 | 71.90 | 30.53 | 32.39 | 1.86 | 41.00 |
| MW-O-2 | 03/14/16 | 71.90 | 34.86 | 35.49 | 0.63 | 36.91 |
| MW-O-2 | 04/11/16 | 71.90 | 32.54 | 33.03 | 0.49 | 39.26 |
| MW-O-2 | 06/30/16 | 71.90 | 33.80 | 34.20 | 0.40 | 38.02 |
| MW-O-2 | 08/22/16 | 71.90 | --- | 33.93 | --- | 37.97 |
| MW-O-2 | 10/03/16 | 71.90 | 34.22 | 34.30 | 0.08 | 37.66 |
| MW-O-2 | 10/03/16 | 71.90 | 34.22 | 34.30 | 0.08 | NC |
| MW-O-2 | 04/17/17 | 71.90 | 30.85 | 30.91 | 0.06 | 41.04 |
| MW-O-2 | 10/02/17 | 71.90 | --- | 34.67 | --- | 37.23 |
| MW-O-2 | 04/16/18 | 71.90 | 34.16 | 34.18 | 0.02 | 37.74 |
| MW-O-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-2 | 08/20/20 | 71.90 | --- | 32.08 | --- | 39.82 |
| MW-O-2 | 11/02/20 | 71.90 | --- | 30.60 | --- | 41.30 |
| MW-O-2 | 02/24/21 | 71.90 | --- | 33.16 | --- | 38.74 |
| MW-O-2 | 05/03/21 | 71.90 | --- | 32.94 | --- | 38.96 |
| MW-O-2 | 08/31/21 | 71.90 | --- | 32.60 | --- | 39.30 |
| MW-O-2 | 11/01/21 | 71.90 | --- | 33.61 | --- | 38.29 |
| MW-O-2 | 03/10/22 | 71.90 | --- | 33.52 | --- | 38.38 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| MW-SF-1 | 11/02/20 | 78.93 | --- | 37.39 | --- | 41.54 |
| MW-SF-1 | 05/03/21 | 78.93 | --- | 38.03 | --- | 40.90 |
| MW-SF-1 | 11/01/21 | 78.93 | --- | 39.29 | --- | 39.64 |
| MW-SF-2 | 11/20/96 | 78.45 | 30.31 | 36.68 | 6.37 | 46.87 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 07/01/97 | 78.45 | 28.43 | 45.25 | 16.82 | 46.66 |
| MW-SF-2 | 12/31/97 | 78.45 | 30.86 | 33.92 | 3.06 | 46.98 |
| MW-SF-2 | 05/01/98 | 78.45 | 20.73 | 27.55 | 6.82 | 56.36 |
| MW-SF-2 | 08/09/99 | 78.45 | --- | NM | --- | NC |
| MW-SF-2 | 11/15/99 | 78.45 | --- | NM | --- | NC |
| MW-SF-2 | 05/15/00 | 78.45 | 27.56 | 30.01 | 2.45 | 50.40 |
| MW-SF-2 | 11/13/00 | 78.45 | 29.27 | 30.32 | 1.05 | 48.97 |
| MW-SF-2 | 05/07/01 | 78.45 | 28.00 | 29.75 | 1.75 | 50.10 |
| MW-SF-2 | 08/07/01 | 78.45 | 28.79 | 30.25 | 1.46 | 49.37 |
| MW-SF-2 | 11/05/01 | 78.45 | 29.50 | 30.49 | 0.99 | 48.75 |
| MW-SF-2 | 04/08/02 | 78.45 | --- | NM | --- | NC |
| MW-SF-2 | 10/21/02 | 78.45 | 29.74 | 30.74 | 1.00 | 48.51 |
| MW-SF-2 | 04/07/03 | 78.45 | --- | NM | --- | NC |
| MW-SF-2 | 10/06/03 | 78.93 | 29.87 | 29.88 | 0.01 | 49.06 |
| MW-SF-2 | 01/11/04 | 78.45 | --- | NM | --- | NC |
| MW-SF-2 | 04/19/04 | 78.45 | 30.90 | 30.91 | 0.01 | 47.55 |
| MW-SF-2 | 05/02/05 | 78.45 | 26.25 | 26.52 | 0.27 | 52.15 |
| MW-SF-2 | 10/31/05 | 78.45 | 26.30 | 29.71 | 3.41 | 51.47 |
| MW-SF-2 | 05/01/06 | 78.45 | 27.22 | 27.96 | 0.74 | 51.08 |
| MW-SF-2 | 12/04/06 | 78.45 | 27.98 | 28.82 | 0.30 | 49.87 |
| MW-SF-2 | 04/30/07 | 78.45 | 28.34 | 28.35 | 0.01 | 50.11 |
| MW-SF-2 | 11/12/07 | 78.45 | 28.71 | 29.18 | 0.47 | 49.65 |
| MW-SF-2 | 08/12/08 | 78.45 | --- | 31.11 | --- | 47.34 |
| MW-SF-2 | 10/17/08 | 78.45 | 31.50 | 31.55 | 0.05 | 46.94 |
| MW-SF-2 | 12/18/08 | 78.53 | 32.55 | 32.75 | 0.20 | 45.94 |
| MW-SF-2 | 01/15/09 | 78.53 | 30.57 | 30.84 | 0.27 | 47.91 |
| MW-SF-2 | 03/24/09 | 78.53 | --- | 28.85 | --- | 49.68 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 06/04/14 | 78.53 | --- | 34.63 | --- | 43.90 |
| MW-SF-2 | 06/10/14 | 78.53 | 34.00 | 38.49 | 4.49 | 43.63 |
| MW-SF-2 | 08/08/14 | 78.53 | 33.82 | 36.23 | 2.41 | 44.23 |
| MW-SF-2 | 08/13/14 | 78.53 | 33.59 | 36.75 | 3.16 | 44.31 |
| MW-SF-2 | 08/19/14 | 78.53 | 33.60 | 36.90 | 3.30 | 44.27 |
| MW-SF-2 | 08/29/14 | 78.53 | 33.53 | 37.11 | 3.58 | 44.28 |
| MW-SF-2 | 09/05/14 | 78.53 | 33.51 | 37.09 | 3.58 | 44.30 |
| MW-SF-2 | 09/11/14 | 78.53 | 33.51 | 37.12 | 3.61 | 44.30 |
| MW-SF-2 | 09/18/14 | 78.53 | 33.60 | 36.89 | 3.29 | 44.27 |
| MW-SF-2 | 09/26/14 | 78.53 | 33.54 | 37.28 | 3.74 | 44.24 |
| MW-SF-2 | 10/01/14 | 78.53 | 33.56 | 37.18 | 3.62 | 44.25 |
| MW-SF-2 | 10/06/14 | 78.53 | 33.59 | 37.16 | 3.57 | 44.23 |
| MW-SF-2 | 10/14/14 | 78.53 | 33.64 | 37.15 | 3.51 | 44.19 |
| MW-SF-2 | 10/23/14 | 78.53 | 33.61 | 37.24 | 3.63 | 44.19 |
| MW-SF-2 | 10/27/14 | 78.53 | 33.54 | 37.04 | 3.50 | 44.29 |
| MW-SF-2 | 11/03/14 | 78.53 | 33.55 | 37.14 | 3.59 | 44.26 |
| MW-SF-2 | 11/10/14 | 78.53 | 33.56 | 37.33 | 3.77 | 44.22 |
| MW-SF-2 | 11/18/14 | 78.53 | 33.64 | 37.21 | 3.57 | 44.18 |
| MW-SF-2 | 11/25/14 | 78.53 | 33.69 | 37.40 | 3.71 | 44.10 |
| MW-SF-2 | 12/03/14 | 78.53 | 33.60 | 37.16 | 3.56 | 44.22 |
| MW-SF-2 | 12/12/14 | 78.53 | 33.91 | 38.05 | 4.14 | 43.79 |
| MW-SF-2 | 12/19/14 | 78.53 | 33.95 | 38.40 | 4.45 | 43.69 |
| MW-SF-2 | 04/20/15 | 78.53 | 34.73 | 36.15 | 1.42 | 43.52 |
| MW-SF-2 | 06/25/15 | 78.53 | 35.57 | 38.95 | 3.38 | 42.28 |
| MW-SF-2 | 10/21/15 | 78.53 | 36.13 | 36.32 | 0.19 | 42.36 |
| MW-SF-2 | 03/16/16 | 78.53 | --- | 39.27 | --- | 39.26 |
| MW-SF-2 | 04/11/16 | 78.53 | --- | 37.47 | --- | 41.06 |
| MW-SF-2 | 06/29/16 | 78.53 | --- | 38.08 | --- | 40.45 |
| MW-SF-2 | 08/22/16 | 78.53 | --- | 38.83 | --- | 39.70 |
| MW-SF-2 | 10/03/16 | 78.53 | --- | 39.60 | --- | 38.93 |
| MW-SF-2 | 10/03/16 | 78.53 | --- | 39.60 | --- | 38.93 |
| MW-SF-2 | 04/17/17 | 78.53 | --- | 35.78 | --- | 42.75 |
| MW-SF-2 | 10/02/17 | 78.53 | --- | 39.68 | --- | 38.85 |
| MW-SF-2 | 04/16/18 | 78.53 | --- | 39.47 | --- | 39.06 |
| 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-2 | 11/02/20 | 78.53 | --- | 37.14 | --- | 41.39 |
| MW-SF-2 | 05/03/21 | 78.53 | --- | 37.82 | --- | 40.71 |
| MW-SF-2 | 11/01/21 | 78.53 | --- | 39.30 | --- | 39.23 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

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

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|---------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| MW-SF-3 | 04/16/18 | 78.12 | --- | 38.81 | --- | 39.31 |
| MW-SF-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-3 | 11/02/20 | 78.12 | --- | 36.55 | --- | 41.57 |
| MW-SF-3 | 05/03/21 | 78.12 | --- | 37.51 | --- | 40.61 |
| MW-SF-3 | 11/01/21 | 78.12 | --- | 38.59 | --- | 39.53 |
| MW-SF-4 | 11/20/96 | 79.38 | 32.17 | 35.90 | 3.73 | 46.45 |
| MW-SF-4 | 07/01/97 | 79.38 | 31.85 | 36.92 | 5.07 | 46.49 |
| MW-SF-4 | 12/31/97 | 79.38 | 32.10 | 33.89 | 1.79 | 46.91 |
| MW-SF-4 | 05/01/98 | 79.38 | 28.27 | 29.99 | 1.72 | 50.76 |
| MW-SF-4 | 08/09/99 | 79.38 | --- | NM | --- | NC |
| MW-SF-4 | 11/15/99 | 79.38 | --- | NM | --- | NC |
| MW-SF-4 | 11/19/99 | 79.38 | 28.80 | 36.87 | 8.07 | 48.93 |
| MW-SF-4 | 05/15/00 | 79.38 | --- | DRY | --- | NC |
| MW-SF-4 | 11/13/00 | 79.38 | --- | DRY | --- | NC |
| MW-SF-4 | 05/07/01 | 79.38 | --- | 24.62 | --- | 54.76 |
| MW-SF-4 | 05/10/01 | 79.38 | --- | 24.61 | --- | 54.77 |
| MW-SF-4 | 11/05/01 | 79.38 | --- | 30.05 | --- | 49.33 |
| MW-SF-4 | 04/08/02 | 79.38 | --- | 28.46 | --- | 50.92 |
| MW-SF-4 | 10/21/02 | 79.38 | --- | 31.50 | --- | 47.88 |
| MW-SF-4 | 04/07/03 | 79.38 | --- | NM | --- | NC |
| MW-SF-4 | 07/30/03 | 79.38 | 31.89 | 31.92 | 0.03 | 47.48 |
| MW-SF-4 | 10/06/03 | 79.38 | --- | 30.82 | --- | 48.56 |
| MW-SF-4 | 01/11/04 | 79.38 | --- | NM | --- | NC |
| MW-SF-4 | 01/27/04 | 79.38 | 31.30 | 31.94 | 0.64 | 47.95 |
| MW-SF-4 | 04/19/04 | 79.38 | 31.65 | 32.70 | 1.05 | 47.51 |
| MW-SF-4 | 07/19/04 | 79.38 | 31.42 | 31.81 | 0.39 | 47.88 |
| MW-SF-4 | 02/01/05 | 79.38 | 30.34 | 30.71 | 0.37 | 48.96 |
| MW-SF-4 | 05/02/05 | 79.38 | 26.85 | 27.00 | 0.15 | 52.50 |
| MW-SF-4 | 08/01/05 | 79.38 | 27.43 | 27.81 | 0.34 | 51.84 |
| MW-SF-4 | 10/31/05 | 79.38 | --- | 27.11 | --- | 52.27 |
| MW-SF-4 | 02/27/06 | 79.38 | 28.20 | 28.39 | 0.19 | 51.14 |
| MW-SF-4 | 05/01/06 | 79.38 | 28.34 | 28.56 | 0.22 | 50.99 |
| MW-SF-4 | 09/18/06 | 79.38 | 29.56 | 29.94 | 0.38 | 49.74 |
| MW-SF-4 | 12/04/06 | 79.38 | --- | 26.98 | --- | 52.40 |
| MW-SF-4 | 03/12/07 | 79.38 | 29.41 | 30.01 | 0.60 | 49.85 |
| MW-SF-4 | 04/30/07 | 79.38 | 29.11 | 29.96 | 0.85 | 50.10 |
| MW-SF-4 | 08/14/07 | 79.38 | 28.38 | 30.34 | 1.96 | 50.60 |
| MW-SF-4 | 08/28/07 | 79.38 | 28.30 | 29.95 | 1.65 | 50.74 |
| MW-SF-4 | 09/11/07 | 79.38 | 28.43 | 29.98 | 1.55 | 50.63 |
| MW-SF-4 | 10/05/07 | 79.38 | 28.85 | 30.68 | 1.83 | 50.15 |
| MW-SF-4 | 10/12/07 | 79.38 | 29.96 | 30.27 | 0.31 | 49.36 |
| MW-SF-4 | 10/19/07 | 79.38 | --- | 30.28 | --- | 49.10 |
| MW-SF-4 | 10/26/07 | 79.38 | --- | 30.52 | --- | 48.86 |
| MW-SF-4 | 11/02/07 | 79.38 | --- | 30.68 | --- | 48.70 |
| MW-SF-4 | 11/12/07 | 79.38 | 29.69 | 29.70 | 0.01 | 49.69 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-4 | 11/02/20 | 79.38 | --- | 37.46 | --- | 41.92 |
| MW-SF-4 | 05/03/21 | 79.38 | --- | 38.30 | --- | 41.08 |
| MW-SF-4 | 11/01/21 | 79.38 | --- | 39.75 | --- | 39.63 |
| MW-SF-5 | 08/07/01 | 75.63 | --- | 30.33 | --- | 45.30 |
| MW-SF-5 | 04/08/02 | 79.74 | --- | 26.42 | --- | 53.32 |
| MW-SF-5 | 11/04/02 | 79.74 | 31.77 | 31.79 | 0.02 | 47.97 |
| MW-SF-5 | 04/07/03 | 79.74 | --- | NM | --- | NC |
| MW-SF-5 | 10/06/03 | 79.74 | 31.14 | 31.15 | 0.01 | 48.60 |
| MW-SF-5 | 01/11/04 | 79.74 | --- | NM | --- | NC |
| MW-SF-5 | 04/19/04 | 79.74 | --- | 32.22 | --- | 47.52 |
| MW-SF-5 | 05/02/05 | 79.74 | --- | 27.50 | --- | 52.24 |
| MW-SF-5 | 10/31/05 | 79.74 | --- | 27.99 | --- | 51.75 |
| MW-SF-5 | 05/01/06 | 79.74 | --- | 28.42 | --- | 51.32 |
| MW-SF-5 | 12/04/06 | 79.74 | --- | 28.23 | --- | 51.51 |
| MW-SF-5 | 04/30/07 | 79.74 | --- | 29.54 | --- | 50.20 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| MW-SF-5 | 05/04/20 | 79.74 | --- | 37.86 | --- | 41.88 |
| MW-SF-5 | 11/02/20 | 79.74 | --- | DRY | --- | NC |
| MW-SF-5 | 05/03/21 | 79.74 | --- | DRY | --- | DRY |
| MW-SF-5 | 11/01/21 | 79.74 | --- | DRY | --- | NC |
| MW-SF-6 | 11/20/96 | 80.59 | 31.88 | 39.82 | 7.94 | 47.12 |
| MW-SF-6 | 07/01/97 | 80.59 | 33.20 | 39.18 | 5.98 | 46.19 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| MW-SF-6 | 09/18/14 | 76.80 | 32.65 | 32.95 | 0.30 | 44.09 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 09/26/14 | 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-6 | 11/02/20 | 76.80 | --- | 35.35 | --- | 41.45 |
| MW-SF-6 | 05/03/21 | 76.80 | --- | 35.86 | --- | 40.94 |
| MW-SF-6 | 11/01/21 | 76.80 | --- | 37.50 | --- | 39.30 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 12/21/07 | 74.10 | --- | 24.05 | --- | 50.05 |
| MW-SF-9 | 04/14/08 | 74.10 | --- | 24.23 | --- | 49.87 |
| MW-SF-9 | 10/13/08 | 74.10 | --- | 24.83 | --- | 49.27 |
| MW-SF-9 | 04/20/09 | 74.10 | --- | 25.27 | --- | 48.83 |
| MW-SF-9 | 10/19/09 | 74.10 | --- | 26.45 | --- | 47.65 |
| MW-SF-9 | 05/24/10 | 74.10 | --- | 25.80 | --- | 48.30 |
| MW-SF-9 | 05/28/10 | 74.10 | --- | 25.66 | --- | 48.44 |
| MW-SF-9 | 06/22/10 | 74.10 | --- | 25.84 | --- | 48.26 |
| MW-SF-9 | 10/04/10 | 74.10 | --- | 26.10 | --- | 48.00 |
| MW-SF-9 | 01/10/11 | 74.10 | --- | 27.41 | --- | 46.69 |
| MW-SF-9 | 04/11/11 | 74.10 | --- | 24.16 | --- | 49.94 |
| MW-SF-9 | 07/11/11 | 74.10 | --- | NM | --- | NC |
| MW-SF-9 | 10/10/11 | 74.10 | --- | 25.02 | --- | 49.08 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/20/15 | 74.10 | 27.67 | 36.69 | 9.02 | 44.76 |
| MW-SF-9 | 05/19/15 | 74.10 | 26.83 | 35.68 | 8.85 | 45.63 |
| MW-SF-9 | 05/21/15 | 74.10 | 27.31 | 32.50 | 5.19 | 45.83 |
| MW-SF-9 | 05/29/15 | 74.10 | 30.10 | 32.95 | 2.85 | 43.47 |
| MW-SF-9 | 06/02/15 | 74.10 | 30.45 | 31.67 | 1.22 | 43.42 |
| MW-SF-9 | 06/05/15 | 74.10 | 30.60 | 31.85 | 1.25 | 43.27 |
| MW-SF-9 | 06/12/15 | 74.10 | 30.75 | 31.28 | 0.53 | 43.25 |
| MW-SF-9 | 06/19/15 | 74.10 | 31.00 | 31.30 | 0.30 | 43.04 |
| MW-SF-9 | 06/26/15 | 74.10 | 29.50 | 31.20 | 1.70 | 44.29 |
| MW-SF-9 | 08/11/15 | 74.10 | 29.90 | 36.90 | 7.00 | 42.90 |
| MW-SF-9 | 08/18/15 | 74.10 | 30.25 | 35.19 | 4.94 | 42.94 |
| MW-SF-9 | 08/28/15 | 74.10 | 30.75 | 31.60 | 0.85 | 43.19 |
| MW-SF-9 | 09/01/15 | 74.10 | 30.90 | 31.78 | 0.88 | 43.04 |
| MW-SF-9 | 10/16/15 | 74.10 | 31.09 | 31.60 | 0.51 | 42.92 |
| MW-SF-9 | 10/19/15 | 74.10 | 31.04 | 31.44 | 0.40 | 42.99 |
| MW-SF-9 | 10/30/15 | 74.10 | 32.06 | 32.60 | 0.54 | 41.94 |
| MW-SF-9 | 11/17/15 | 74.10 | 31.68 | 31.71 | 0.03 | 42.41 |
| MW-SF-9 | 03/14/16 | 74.10 | --- | 34.14 | --- | 39.96 |
| MW-SF-9 | 04/11/16 | 74.10 | --- | 32.89 | --- | 41.21 |
| MW-SF-9 | 06/29/16 | 74.10 | --- | 34.00 | --- | 40.10 |
| 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 |
| MW-SF-9 | 11/02/20 | 74.10 | --- | DRY | --- | NC |
| MW-SF-9 | 05/03/21 | 74.10 | --- | DRY | --- | DRY |
| MW-SF-9 | 11/01/21 | 74.10 | --- | DRY | --- | NC |
| MW-SF-10 | 10/17/08 | 76.53 | --- | 27.49 | --- | 49.04 |
| MW-SF-10 | 10/19/09 | 76.53 | --- | 28.61 | --- | 47.92 |
| MW-SF-10 | 10/04/10 | 76.53 | 28.36 | 28.50 | 0.14 | 48.14 |
| MW-SF-10 | 04/11/11 | 76.53 | 27.37 | 27.41 | 0.04 | 49.15 |
| MW-SF-10 | 10/10/11 | 76.53 | --- | 27.60 | --- | 48.93 |
| MW-SF-10 | 04/16/12 | 76.53 | --- | 28.81 | --- | 47.72 |
| MW-SF-10 | 07/09/12 | 76.53 | --- | NM | --- | NC |
| MW-SF-10 | 10/15/12 | 76.53 | --- | 29.27 | --- | 47.26 |
| MW-SF-10 | 04/08/13 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 10/07/13 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 04/14/14 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 10/27/14 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 04/20/15 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 10/19/15 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 03/14/16 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 04/11/16 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 06/29/16 | 76.53 | --- | DRY | --- | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-10 | 11/02/20 | 76.53 | --- | DRY | --- | NC |
| MW-SF-10 | 05/03/21 | 76.53 | --- | DRY | --- | DRY |
| MW-SF-10 | 11/01/21 | 76.53 | --- | DRY | --- | NC |
| MW-SF-11 | 08/14/07 | 78.56 | 28.30 | 28.58 | 0.28 | 50.20 |
| MW-SF-11 | 08/21/07 | 78.56 | 28.63 | 28.76 | 0.13 | 49.90 |
| MW-SF-11 | 08/28/07 | 78.56 | --- | 28.22 | --- | 50.34 |
| MW-SF-11 | 09/11/07 | 78.56 | --- | 26.90 | --- | 51.66 |
| MW-SF-11 | 10/05/07 | 78.56 | --- | 28.43 | --- | 50.13 |
| MW-SF-11 | 11/02/07 | 78.56 | 29.38 | 29.48 | 0.10 | 49.16 |
| MW-SF-11 | 11/12/07 | 78.56 | --- | 29.03 | --- | 49.53 |
| MW-SF-11 | 08/15/08 | 78.56 | --- | 30.13 | --- | 48.43 |
| MW-SF-11 | 10/17/08 | 78.56 | --- | 30.50 | --- | 48.06 |
| MW-SF-11 | 12/18/08 | 78.56 | --- | 29.92 | --- | 48.64 |
| MW-SF-11 | 01/15/09 | 78.56 | --- | 30.32 | --- | 48.24 |
| MW-SF-11 | 03/24/09 | 78.56 | --- | 31.05 | --- | 47.51 |
| MW-SF-11 | 04/21/09 | 78.56 | --- | 30.03 | --- | 48.53 |
| MW-SF-11 | 07/21/09 | 78.56 | --- | 30.89 | --- | 47.67 |
| MW-SF-11 | 10/19/09 | 78.56 | --- | NM | --- | NC |
| MW-SF-11 | 11/09/09 | 78.56 | --- | 31.00 | --- | 47.56 |
| MW-SF-11 | 09/03/10 | 78.56 | --- | 31.22 | --- | 47.34 |
| MW-SF-11 | 10/04/10 | 78.56 | --- | 30.94 | --- | 47.62 |
| MW-SF-11 | 04/12/11 | 78.56 | --- | 30.82 | --- | 47.74 |
| MW-SF-11 | 10/10/11 | 78.56 | --- | 30.10 | --- | 48.46 |
| MW-SF-11 | 04/16/12 | 78.56 | --- | NM | --- | NC |
| MW-SF-11 | 07/09/12 | 78.56 | --- | NM | --- | NC |
| MW-SF-11 | 10/15/12 | 78.56 | --- | 33.28 | --- | 45.28 |
| MW-SF-11 | 04/08/13 | 78.56 | --- | 33.11 | --- | 45.45 |
| MW-SF-11 | 10/07/13 | 78.56 | --- | 33.91 | --- | 44.65 |
| MW-SF-11 | 04/14/14 | 78.56 | 34.95 | 35.20 | 0.25 | 43.56 |
| MW-SF-11 | 05/05/14 | 78.56 | 33.71 | 36.52 | 2.81 | 44.29 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-11 | 11/02/20 | 78.56 | --- | 37.18 | --- | 41.38 |
| MW-SF-11 | 05/03/21 | 78.56 | --- | 37.38 | --- | 41.18 |
| MW-SF-11 | 11/01/21 | 78.56 | --- | 38.97 | --- | 39.59 |
| MW-SF-12 | 08/14/07 | 78.07 | --- | 27.76 | --- | 50.31 |
| MW-SF-12 | 08/21/07 | 78.07 | --- | 27.43 | --- | 50.64 |
| MW-SF-12 | 08/28/07 | 78.07 | --- | 27.58 | --- | 50.49 |
| MW-SF-12 | 09/11/07 | 78.07 | --- | 27.73 | --- | 50.34 |
| MW-SF-12 | 10/05/07 | 78.07 | --- | 28.06 | --- | 50.01 |
| MW-SF-12 | 11/02/07 | 78.07 | --- | 29.59 | --- | 48.48 |
| MW-SF-12 | 11/12/07 | 78.07 | --- | 28.33 | --- | 49.74 |
| MW-SF-12 | 08/12/08 | 78.07 | --- | 30.02 | --- | 48.05 |
| MW-SF-12 | 10/17/08 | 78.07 | --- | 30.42 | --- | 47.65 |
| MW-SF-12 | 12/18/08 | 78.07 | --- | 31.55 | --- | 46.52 |
| MW-SF-12 | 01/15/09 | 78.07 | --- | 30.11 | --- | 47.96 |
| MW-SF-12 | 03/24/09 | 78.07 | --- | 29.41 | --- | 48.66 |
| MW-SF-12 | 04/21/09 | 78.07 | --- | 29.52 | --- | 48.55 |
| MW-SF-12 | 07/21/09 | 78.07 | --- | 28.58 | --- | 49.49 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/28/19 | 78.07 | --- | 38.78 | --- | 39.29 |
| MW-SF-12 | 05/04/20 | 78.07 | --- | 36.36 | --- | 41.71 |
| MW-SF-12 | 11/02/20 | 78.07 | --- | 36.53 | --- | 41.54 |
| MW-SF-12 | 05/03/21 | 78.07 | --- | 36.19 | --- | 41.88 |
| MW-SF-12 | 11/01/21 | 78.07 | --- | 38.69 | --- | 39.38 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-13 | 11/02/20 | 73.40 | --- | 32.05 | --- | 41.35 |
| MW-SF-13 | 05/03/21 | 73.40 | --- | 32.48 | --- | 40.92 |
| MW-SF-13 | 11/01/21 | 73.40 | --- | 33.82 | --- | 39.58 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 11/06/09 | 78.16 | --- | 30.48 | --- | 47.68 |
| MW-SF-14 | 12/09/09 | 78.16 | --- | 30.68 | --- | 47.48 |
| MW-SF-14 | 06/22/10 | 78.16 | --- | 26.17 | --- | 51.99 |
| MW-SF-14 | 10/04/10 | 78.16 | --- | 30.54 | --- | 47.62 |
| MW-SF-14 | 04/12/11 | 78.16 | --- | 29.55 | --- | 48.61 |
| MW-SF-14 | 10/10/11 | 78.16 | --- | 29.84 | --- | 48.32 |
| MW-SF-14 | 04/16/12 | 78.16 | --- | NM | --- | NC |
| MW-SF-14 | 07/09/12 | 78.16 | --- | NM | --- | NC |
| MW-SF-14 | 10/15/12 | 78.16 | --- | 30.02 | --- | 48.14 |
| MW-SF-14 | 04/08/13 | 78.16 | --- | 32.75 | --- | 45.41 |
| MW-SF-14 | 05/24/13 | 78.16 | --- | 32.75 | --- | 45.41 |
| MW-SF-14 | 09/26/13 | 78.16 | 34.25 | 34.50 | 0.25 | 43.86 |
| MW-SF-14 | 10/07/13 | 78.16 | --- | NM | --- | NC |
| MW-SF-14 | 11/14/13 | 78.16 | 33.19 | 33.57 | 0.38 | 44.89 |
| MW-SF-14 | 04/14/14 | 78.16 | 33.56 | 34.81 | 1.25 | 44.35 |
| MW-SF-14 | 08/08/14 | 78.16 | 33.98 | 34.24 | 0.26 | 44.13 |
| MW-SF-14 | 10/14/14 | 78.16 | 33.80 | 34.36 | 0.56 | 44.25 |
| MW-SF-14 | 10/23/14 | 78.16 | 34.43 | 34.49 | 0.06 | 43.72 |
| MW-SF-14 | 10/27/14 | 78.16 | 33.97 | 34.40 | 0.43 | 44.10 |
| MW-SF-14 | 11/18/14 | 78.16 | 34.07 | 34.27 | 0.20 | 44.05 |
| MW-SF-14 | 04/20/15 | 78.16 | --- | 34.48 | --- | 43.68 |
| MW-SF-14 | 10/21/15 | 78.16 | --- | 35.25 | --- | 42.91 |
| MW-SF-14 | 03/14/16 | 78.16 | --- | 36.21 | --- | 41.95 |
| MW-SF-14 | 04/11/16 | 78.16 | --- | 37.14 | --- | 41.02 |
| MW-SF-14 | 06/29/16 | 78.16 | --- | 37.36 | --- | 40.80 |
| MW-SF-14 | 08/22/16 | 78.16 | --- | DRY | --- | NC |
| MW-SF-14 | 10/03/16 | 78.16 | --- | DRY | --- | NC |
| MW-SF-14 | 10/03/16 | 78.16 | --- | DRY | --- | NC |
| MW-SF-14 | 04/17/17 | 78.16 | --- | DRY | --- | NC |
| MW-SF-14 | 10/02/17 | 78.16 | --- | DRY | --- | NC |
| MW-SF-14 | 04/16/18 | 78.16 | --- | DRY | --- | NC |
| MW-SF-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-14 | 11/02/20 | 78.16 | --- | DRY | --- | NC |
| MW-SF-14 | 05/03/21 | 78.16 | --- | DRY | --- | DRY |
| MW-SF-14 | 11/01/21 | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-15 | 11/02/20 | 78.27 | --- | 36.72 | --- | 41.55 |
| MW-SF-15 | 05/03/21 | 78.27 | --- | 37.53 | --- | 40.74 |
| MW-SF-15 | 11/01/21 | 78.27 | --- | 38.82 | --- | 39.45 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-16 | 11/02/20 | 78.21 | --- | DRY | --- | NC |
| MW-SF-16 | 05/03/21 | 78.21 | --- | DRY | --- | DRY |
| MW-SF-16 | 11/01/21 | 78.21 | --- | DRY | --- | NC |
| PO-7 | 07/08/11 | 80.26 | --- | NM | --- | NC |
| PW-1 | 11/20/96 | 75.52 | --- | 29.04 | --- | 46.48 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 07/01/97 | 75.52 | --- | 30.17 | --- | 45.35 |
| PW-1 | 12/31/97 | 75.52 | --- | 28.95 | --- | 46.57 |
| PW-1 | 05/01/98 | 75.52 | --- | 27.37 | --- | 48.15 |
| PW-1 | 05/06/99 | 75.52 | --- | 27.44 | --- | 48.08 |
| PW-1 | 08/09/99 | 75.52 | --- | 27.87 | --- | 47.65 |
| PW-1 | 11/15/99 | 75.52 | --- | 27.78 | --- | 47.74 |
| PW-1 | 05/15/00 | 75.52 | --- | 27.63 | --- | 47.89 |
| PW-1 | 11/13/00 | 75.52 | --- | 28.84 | --- | 46.68 |
| PW-1 | 05/07/01 | 75.52 | --- | 27.01 | --- | 48.51 |
| PW-1 | 11/05/01 | 75.52 | --- | 26.72 | --- | 48.80 |
| PW-1 | 04/08/02 | 75.52 | --- | 27.45 | --- | 48.07 |
| PW-1 | 10/21/02 | 75.52 | --- | 27.63 | --- | 47.89 |
| PW-1 | 04/07/03 | 75.52 | --- | 27.60 | --- | 47.92 |
| PW-1 | 10/06/03 | 75.52 | --- | 27.68 | --- | 47.84 |
| PW-1 | 01/11/04 | 75.52 | --- | 28.61 | --- | 46.91 |
| PW-1 | 04/19/04 | 75.52 | --- | 28.85 | --- | 46.67 |
| PW-1 | 05/02/05 | 75.52 | --- | 25.43 | --- | 50.09 |
| PW-1 | 10/31/05 | 75.52 | --- | NM | --- | NC |
| PW-1 | 05/01/06 | 75.52 | --- | 25.03 | --- | 50.49 |
| PW-1 | 12/04/06 | 75.52 | --- | 25.83 | --- | 49.69 |
| PW-1 | 04/30/07 | 75.52 | --- | 25.80 | --- | 49.72 |
| PW-1 | 11/12/07 | 75.52 | --- | 26.03 | --- | 49.49 |
| PW-1 | 04/14/08 | 75.52 | --- | 26.41 | --- | 49.11 |
| PW-1 | 10/13/08 | 75.52 | --- | 26.85 | --- | 48.67 |
| PW-1 | 11/21/08 | 75.52 | --- | 26.80 | --- | 48.72 |
| PW-1 | 04/20/09 | 75.52 | --- | 27.27 | --- | 48.25 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-1 | 11/02/20 | 75.52 | --- | DRY | --- | NC |
| PW-1 | 05/03/21 | 75.52 | --- | DRY | --- | DRY |
| PW-1 | 11/01/21 | 75.52 | --- | 35.53 | --- | 39.99 |
| PW-2 | 11/20/96 | 74.65 | --- | 28.82 | --- | 45.83 |
| PW-2 | 07/01/97 | 74.65 | --- | 31.20 | --- | 43.45 |
| PW-2 | 12/31/97 | 74.65 | --- | 28.52 | --- | 46.13 |
| PW-2 | 05/01/98 | 74.65 | --- | 26.34 | --- | 48.31 |
| PW-2 | 02/02/99 | 74.65 | --- | 25.39 | --- | 49.26 |
| PW-2 | 05/06/99 | 74.65 | --- | 26.42 | --- | 48.23 |
| PW-2 | 08/09/99 | 74.65 | --- | 26.92 | --- | 47.73 |
| PW-2 | 11/15/99 | 74.65 | --- | 28.05 | --- | 46.60 |
| PW-2 | 02/29/00 | 74.65 | --- | 26.82 | --- | 47.83 |
| PW-2 | 05/15/00 | 74.65 | --- | 27.12 | --- | 47.53 |
| PW-2 | 08/28/00 | 74.65 | --- | 28.10 | --- | 46.55 |
| PW-2 | 11/13/00 | 74.65 | --- | 28.36 | --- | 46.29 |
| PW-2 | 02/05/01 | 74.65 | --- | 26.84 | --- | 47.81 |
| PW-2 | 05/07/01 | 74.65 | --- | 26.22 | --- | 48.43 |
| PW-2 | 09/18/01 | 74.65 | --- | 25.85 | --- | 48.80 |
| PW-2 | 11/05/01 | 74.65 | --- | 26.00 | --- | 48.65 |
| PW-2 | 01/29/02 | 74.65 | --- | 26.09 | --- | 48.56 |
| PW-2 | 04/08/02 | 74.65 | --- | 26.69 | --- | 47.96 |
| PW-2 | 10/21/02 | 74.65 | --- | 26.95 | --- | 47.70 |
| PW-2 | 01/14/03 | 74.65 | --- | 26.86 | --- | 47.79 |
| PW-2 | 04/07/03 | 74.65 | --- | 28.96 | --- | 45.69 |
| PW-2 | 07/07/03 | 74.71 | --- | 27.51 | --- | 47.20 |
| PW-2 | 10/06/03 | 74.65 | --- | 27.00 | --- | 47.65 |
| PW-2 | 01/11/04 | 74.71 | --- | 28.02 | --- | 46.69 |
| PW-2 | 01/20/04 | 74.71 | --- | 29.28 | --- | 45.43 |
| PW-2 | 04/19/04 | 74.71 | --- | 26.21 | --- | 48.50 |
| PW-2 | 04/27/04 | 74.71 | --- | 27.69 | --- | 47.02 |
| PW-2 | 06/07/04 | 74.71 | --- | 28.13 | --- | 46.58 |
| PW-2 | 07/08/04 | 74.71 | --- | 29.35 | --- | 45.36 |
| PW-2 | 05/02/05 | 74.71 | --- | 24.56 | --- | 50.15 |
| PW-2 | 10/31/05 | 74.71 | --- | 23.80 | --- | 50.91 |
| PW-2 | 05/01/06 | 74.71 | --- | 24.28 | --- | 50.43 |
| PW-2 | 12/04/06 | 74.71 | --- | 25.05 | --- | 49.66 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| PW-2 | 04/11/11 | 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-2 | 11/02/20 | 74.71 | --- | DRY | --- | NC |
| PW-2 | 05/03/21 | 74.71 | --- | DRY | --- | DRY |
| PW-2 | 11/01/21 | 74.71 | --- | 34.47 | --- | 40.24 |
| PW-3 | 11/20/96 | 73.64 | --- | 27.11 | --- | 46.53 |
| PW-3 | 07/01/97 | 73.64 | --- | 28.84 | --- | 44.80 |
| PW-3 | 12/31/97 | 73.64 | --- | 27.29 | --- | 46.35 |
| PW-3 | 05/01/98 | 73.64 | --- | 25.10 | --- | 48.54 |
| PW-3 | 02/03/99 | 73.64 | --- | 24.23 | --- | 49.41 |
| PW-3 | 05/04/99 | 73.64 | --- | 25.05 | --- | 48.59 |
| PW-3 | 08/10/99 | 73.64 | --- | 25.35 | --- | 48.29 |
| PW-3 | 11/15/99 | 73.64 | --- | NM | --- | NC |
| PW-3 | 05/15/00 | 73.64 | --- | NM | --- | NC |
| PW-3 | 08/28/00 | 73.64 | --- | NM | --- | NC |
| PW-3 | 11/13/00 | 73.64 | --- | 26.46 | --- | 47.18 |
| PW-3 | 02/05/01 | 73.64 | --- | 25.60 | --- | 48.04 |
| PW-3 | 05/07/01 | 73.64 | --- | 24.96 | --- | 48.68 |
| PW-3 | 09/18/01 | 73.64 | --- | 24.72 | --- | 48.92 |
| PW-3 | 11/05/01 | 73.64 | --- | 24.80 | --- | 48.84 |
| PW-3 | 01/29/02 | 73.64 | --- | 24.91 | --- | 48.73 |
| PW-3 | 04/08/02 | 73.64 | --- | 25.30 | --- | 48.34 |
| PW-3 | 10/21/02 | 73.64 | --- | 25.76 | --- | 47.88 |
| PW-3 | 01/14/03 | 73.64 | --- | 25.72 | --- | 47.92 |
| PW-3 | 04/07/03 | 73.64 | --- | 26.17 | --- | 47.47 |
| PW-3 | 07/07/03 | 73.71 | --- | 25.81 | --- | 47.90 |
| PW-3 | 10/06/03 | 73.64 | --- | 25.63 | --- | 48.01 |
| PW-3 | 01/11/04 | 73.71 | --- | 26.03 | --- | 47.68 |
| PW-3 | 01/20/04 | 73.71 | --- | 26.36 | --- | 47.35 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| PW-3 | 10/31/19 | 73.71 | --- | 34.06 | --- | 39.65 |
| PW-3 | 05/04/20 | 73.71 | --- | 32.89 | --- | 40.82 |
| PW-3 | 11/02/20 | 73.71 | --- | 33.05 | --- | 40.66 |
| PW-3 | 05/03/21 | 73.71 | --- | 33.54 | --- | 40.17 |
| PW-3 | 11/01/21 | 73.71 | --- | 33.99 | --- | 39.72 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-1 | 05/15/00 | 73.74 | --- | 26.09 | --- | 47.65 |
| PZ-1 | 11/13/00 | 73.74 | --- | 26.51 | --- | 47.23 |
| PZ-1 | 05/07/01 | 73.74 | --- | 24.78 | --- | 48.96 |
| PZ-1 | 11/05/01 | 73.74 | --- | 24.81 | --- | 48.93 |
| PZ-1 | 04/08/02 | 73.74 | --- | 25.50 | --- | 48.24 |
| PZ-2 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-2 | 11/02/20 | 73.96 | --- | 32.66 | --- | 41.30 |
| PZ-2 | 05/03/21 | 73.96 | --- | DRY | --- | DRY |
| PZ-2 | 11/01/21 | 73.96 | --- | 34.12 | --- | 39.84 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-3 | 11/02/20 | 76.17 | --- | 35.20 | --- | 40.97 |
| PZ-3 | 05/04/21 | 76.17 | --- | 35.74 | --- | 40.43 |
| PZ-3 | 11/03/21 | 76.17 | --- | 36.29 | --- | 39.88 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 03/21/07 | 76.13 | --- | 26.12 | --- | 50.01 |
| PZ-4 | 04/30/07 | 76.13 | --- | 26.93 | --- | 49.20 |
| PZ-4 | 08/28/07 | 76.13 | --- | 26.54 | --- | 49.59 |
| PZ-4 | 11/12/07 | 76.13 | --- | 27.50 | --- | 48.63 |
| PZ-4 | 02/05/08 | 76.13 | --- | 27.42 | --- | 48.71 |
| PZ-4 | 04/11/08 | 76.13 | --- | 24.85 | --- | 51.28 |
| PZ-4 | 10/14/08 | 76.13 | --- | 28.31 | --- | 47.82 |
| PZ-4 | 02/10/09 | 76.13 | --- | 27.05 | --- | 49.08 |
| PZ-4 | 04/20/09 | 76.13 | --- | 28.44 | --- | 47.69 |
| PZ-4 | 07/16/09 | 76.13 | --- | 29.05 | --- | 47.08 |
| PZ-4 | 04/08/10 | 76.13 | --- | 28.41 | --- | 47.72 |
| PZ-4 | 10/01/10 | 76.13 | --- | 28.93 | --- | 47.20 |
| PZ-4 | 01/08/11 | 76.13 | --- | 28.98 | --- | 47.15 |
| PZ-4 | 04/12/12 | 76.13 | --- | 29.61 | --- | 46.52 |
| PZ-5 | 05/07/01 | 73.97 | --- | 23.13 | --- | 50.84 |
| PZ-5 | 10/06/03 | 73.97 | --- | 24.58 | --- | 49.39 |
| PZ-5 | 05/02/05 | 73.97 | --- | 19.12 | --- | 54.85 |
| PZ-5 | 10/31/05 | 73.97 | --- | 21.13 | --- | 52.84 |
| PZ-5 | 02/27/06 | 73.97 | --- | 22.06 | --- | 51.91 |
| PZ-5 | 05/01/06 | 73.97 | --- | 22.20 | --- | 51.77 |
| PZ-5 | 09/18/06 | 73.97 | --- | 22.91 | --- | 51.06 |
| PZ-5 | 12/04/06 | 73.97 | --- | 23.26 | --- | 50.71 |
| PZ-5 | 03/12/07 | 73.97 | --- | 23.71 | --- | 50.26 |
| PZ-5 | 04/30/07 | 73.97 | --- | 23.85 | --- | 50.12 |
| PZ-5 | 08/28/07 | 73.97 | --- | 23.85 | --- | 50.12 |
| PZ-5 | 11/12/07 | 73.97 | --- | 24.26 | --- | 49.71 |
| PZ-5 | 02/19/08 | 73.97 | --- | 24.68 | --- | 49.29 |
| PZ-5 | 04/14/08 | 73.97 | --- | 24.10 | --- | 49.87 |
| PZ-5 | 08/11/08 | 73.97 | --- | 24.53 | --- | 49.44 |
| PZ-5 | 10/13/08 | 73.97 | --- | 25.12 | --- | 48.85 |
| PZ-5 | 04/20/09 | 73.97 | --- | 24.81 | --- | 49.16 |
| PZ-5 | 07/20/09 | 73.97 | --- | 25.20 | --- | 48.77 |
| PZ-5 | 10/19/09 | 73.97 | --- | 26.41 | --- | 47.56 |
| PZ-5 | 03/15/10 | 73.97 | --- | 25.99 | --- | 47.98 |
| PZ-5 | 04/16/10 | 73.97 | --- | 25.12 | --- | 48.85 |
| PZ-5 | 05/24/10 | 73.97 | --- | 25.71 | --- | 48.26 |
| PZ-5 | 05/28/10 | 73.97 | --- | 25.68 | --- | 48.29 |
| PZ-5 | 06/22/10 | 73.97 | --- | 25.54 | --- | 48.43 |
| PZ-5 | 07/12/10 | 73.97 | --- | 26.09 | --- | 47.88 |
| PZ-5 | 08/12/10 | 73.97 | --- | 26.16 | --- | 47.81 |
| PZ-5 | 09/20/10 | 73.97 | --- | 26.52 | --- | 47.45 |
| PZ-5 | 10/04/10 | 73.97 | --- | 25.98 | --- | 47.99 |
| PZ-5 | 11/16/10 | 73.97 | --- | 26.46 | --- | 47.51 |
| PZ-5 | 12/22/10 | 73.97 | --- | 25.12 | --- | 48.85 |
| PZ-5 | 01/10/11 | 73.97 | --- | 26.54 | --- | 47.43 |
| PZ-5 | 02/24/11 | 73.97 | --- | 25.55 | --- | 48.42 |
| PZ-5 | 03/23/11 | 73.97 | --- | 25.28 | --- | 48.69 |
| PZ-5 | 04/11/11 | 73.97 | --- | 24.70 | --- | 49.27 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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-5 | 11/02/20 | 73.97 | --- | 26.72 | --- | 47.25 |
| PZ-5 | 05/03/21 | 73.97 | --- | 29.57 | --- | 44.40 |
| PZ-5 | 11/01/21 | 73.97 | --- | 35.69 | --- | 38.28 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-6 | 10/10/11 | 73.91 | --- | NM | --- | NC |
| PZ-6 | 04/16/12 | 73.91 | --- | NM | --- | NC |
| PZ-6 | 07/09/12 | 73.91 | --- | NM | --- | NC |
| PZ-6 | 10/15/12 | 73.91 | --- | NM | --- | NC |
| PZ-6 | 04/08/13 | 73.91 | --- | NM | --- | NC |
| PZ-7A | 08/01/05 | 73.87 | --- | 20.22 | --- | 53.65 |
| PZ-7A | 05/24/10 | 73.87 | --- | 25.30 | --- | 48.57 |
| PZ-7A | 05/28/10 | 73.87 | --- | 25.29 | --- | 48.58 |
| PZ-7A | 10/04/10 | 73.87 | --- | 25.70 | --- | 48.17 |
| PZ-7A | 04/11/11 | 73.87 | --- | 24.48 | --- | 49.39 |
| PZ-7A | 10/10/11 | 73.87 | --- | 25.15 | --- | 48.72 |
| PZ-7A | 10/15/12 | --- | --- | 27.24 | --- | NC |
| PZ-7A | 04/20/15 | 73.87 | --- | 29.52 | --- | 44.35 |
| PZ-7B | 08/01/05 | 73.79 | --- | 20.80 | --- | 52.99 |
| PZ-7B | 05/24/10 | 73.79 | --- | 25.32 | --- | 48.47 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-9B | 08/01/05 | 76.26 | --- | 23.71 | --- | 52.55 |
| PZ-9B | 10/04/10 | 76.26 | --- | 28.51 | --- | 47.75 |
| PZ-9B | 04/11/11 | 76.26 | --- | 27.20 | --- | 49.06 |
| PZ-9B | 10/10/11 | 76.26 | --- | 28.00 | --- | 48.26 |
| PZ-9B | 04/16/12 | 76.26 | --- | 29.10 | --- | 47.16 |
| PZ-9B | 07/09/12 | 76.26 | --- | NM | --- | NC |
| PZ-9B | 10/15/12 | 76.26 | --- | 30.54 | --- | 45.72 |
| PZ-9B | 04/08/13 | 76.26 | --- | 30.89 | --- | 45.37 |
| PZ-9B | 04/20/15 | 76.26 | --- | 32.24 | --- | 44.02 |
| PZ-10 | 07/30/03 | 74.19 | --- | 25.74 | --- | 48.45 |
| PZ-10 | 10/06/03 | 74.19 | --- | 25.79 | --- | 48.40 |
| PZ-10 | 01/27/04 | 74.19 | --- | 26.13 | --- | 48.06 |
| PZ-10 | 04/19/04 | 74.34 | --- | 26.76 | --- | 47.58 |
| PZ-10 | 07/19/04 | 74.34 | --- | 26.40 | --- | 47.94 |
| PZ-10 | 11/01/04 | 74.34 | --- | 27.11 | --- | 47.23 |
| PZ-10 | 02/01/05 | 74.34 | --- | 23.33 | --- | 51.01 |
| PZ-10 | 05/02/05 | 74.34 | --- | 21.80 | --- | 52.54 |
| PZ-10 | 08/01/05 | 74.34 | --- | 22.21 | --- | 52.13 |
| PZ-10 | 10/31/05 | 74.34 | --- | 27.13 | --- | 47.21 |
| PZ-10 | 02/27/06 | 74.34 | --- | 23.18 | --- | 51.16 |
| PZ-10 | 05/01/06 | 74.34 | --- | 23.18 | --- | 51.16 |
| PZ-10 | 09/18/06 | 74.34 | --- | 24.37 | --- | 49.97 |
| PZ-10 | 12/04/06 | 74.34 | --- | 24.10 | --- | 50.24 |
| PZ-10 | 03/12/07 | 74.34 | --- | 24.44 | --- | 49.90 |
| PZ-10 | 04/30/07 | 73.92 | --- | 23.38 | --- | 50.54 |
| PZ-10 | 08/28/07 | 74.34 | --- | 22.67 | --- | 51.67 |
| PZ-10 | 11/12/07 | 74.34 | --- | 23.61 | --- | 50.73 |
| PZ-10 | 02/19/08 | 74.34 | --- | 25.16 | --- | 49.18 |
| PZ-10 | 04/14/08 | 74.34 | --- | 24.75 | --- | 49.59 |
| PZ-10 | 10/13/08 | 74.34 | --- | 25.61 | --- | 48.73 |
| PZ-10 | 04/20/09 | 74.34 | --- | 25.71 | --- | 48.63 |
| PZ-10 | 07/20/09 | 74.34 | --- | 26.60 | --- | 47.74 |
| PZ-10 | 10/19/09 | 74.34 | --- | 26.96 | --- | 47.38 |
| PZ-10 | 05/24/10 | 74.34 | --- | 26.51 | --- | 47.83 |
| PZ-10 | 05/28/10 | 74.34 | --- | 26.46 | --- | 47.88 |
| PZ-10 | 10/04/10 | 74.34 | --- | 26.66 | --- | 47.68 |
| PZ-10 | 04/11/11 | 74.34 | --- | 25.57 | --- | 48.77 |
| PZ-10 | 10/10/11 | 74.34 | --- | NM | --- | NC |
| PZ-10 | 04/16/12 | 74.34 | --- | 28.00 | --- | 46.34 |
| PZ-10 | 07/09/12 | 74.34 | --- | NM | --- | NC |
| PZ-10 | 10/15/12 | 74.34 | --- | 29.81 | --- | 44.53 |
| PZ-10 | 04/08/13 | 74.34 | --- | 28.94 | --- | 45.40 |
| PZ-10 | 04/20/15 | 74.34 | --- | 30.72 | --- | 43.62 |
| PZ-10 | 10/19/15 | 74.34 | --- | 31.42 | --- | 42.92 |
| PZ-10 | 03/14/16 | 74.34 | --- | DRY | --- | NC |
| PZ-10 | 04/11/16 | 74.34 | --- | 33.37 | --- | 40.97 |
| PZ-10 | 06/29/16 | 74.34 | --- | DRY | --- | NC |
| PZ-10 | 08/22/16 | 74.34 | --- | DRY | --- | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-10 | 11/02/20 | 74.34 | --- | DRY | --- | NC |
| PZ-10 | 05/03/21 | 74.34 | --- | DRY | --- | DRY |
| PZ-10 | 11/01/21 | 74.34 | --- | NM | --- | NC |
| RTF-18-E | 04/19/17 | 75.19 | 31.35 | 31.53 | 0.18 | 43.80 |
| RTF-18-E | 09/27/17 | 75.19 | 31.84 | 33.52 | 1.68 | NC |
| RTF-18-E | 04/16/18 | 75.19 | 33.66 | 33.89 | 0.23 | NC |
| RTF-18-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 |
| 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-E | 11/02/20 | 74.63 | 33.54 | 32.78 | -0.76 | 41.09 |
| RTF-18-E | 05/06/21 | 75.19 | 32.94 | 33.70 | 0.76 | 42.13 |
| RTF-18-E | 11/03/21 | 74.63 | 33.89 | 34.05 | 0.16 | 40.71 |
| 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-N | 11/02/20 | 75.17 | --- | 32.01 | --- | 43.16 |
| RTF-18-N | 05/06/21 | 75.17 | --- | 32.59 | --- | 42.58 |
| RTF-18-N | 11/03/21 | 75.17 | --- | 33.20 | --- | 41.97 |
| 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-NNW | 11/02/20 | 74.88 | --- | 33.50 | --- | 41.38 |
| RTF-18-NNW | 05/06/21 | 76.77 | --- | 33.97 | --- | 42.80 |
| RTF-18-NNW | 11/03/21 | 74.88 | 34.59 | 34.73 | 0.14 | 40.26 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-NW | 05/05/20 | 74.28 | 31.58 | 31.74 | 0.16 | 44.61 |
| RTF-18-NW | 11/02/20 | 74.28 | --- | 31.92 | --- | 42.36 |
| RTF-18-NW | 05/06/21 | 76.22 | --- | 32.08 | --- | 44.14 |
| RTF-18-NW | 11/03/21 | 74.28 | --- | 32.90 | --- | 41.38 |
| 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 |
| RTF-18-W | 11/02/20 | 74.37 | --- | 31.46 | --- | 42.91 |
| RTF-18-W | 05/06/21 | 74.86 | --- | 31.77 | --- | 43.09 |
| RTF-18-W | 11/03/21 | 74.37 | --- | 32.40 | --- | 41.97 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-8 | 11/02/20 | 75.60 | --- | 34.21 | --- | 40.65 |
| TF-8 | 05/04/21 | 75.60 | --- | 34.70 | --- | 40.90 |
| TF-8 | 11/02/21 | 74.86 | --- | 35.03 | --- | 39.83 |
| TF-9 | 11/20/96 | 75.27 | --- | 31.31 | --- | 43.96 |
| TF-9 | 07/01/97 | 75.27 | --- | 30.55 | --- | 44.72 |
| TF-9 | 12/31/97 | 75.27 | --- | 29.12 | --- | 46.15 |
| TF-9 | 05/01/98 | 75.27 | 26.32 | 26.35 | 0.03 | 48.94 |
| TF-9 | 05/25/99 | 75.27 | 27.00 | 27.04 | 0.04 | 48.26 |
| TF-9 | 05/15/00 | 75.27 | --- | 26.85 | --- | 48.42 |
| TF-9 | 05/07/01 | 75.27 | --- | 29.62 | --- | 45.65 |
| TF-9 | 04/08/02 | 74.47 | --- | 27.83 | --- | 46.64 |
| TF-9 | 09/19/02 | 75.27 | --- | 28.60 | --- | 46.67 |
| TF-9 | 10/21/02 | 75.27 | --- | 27.72 | --- | 47.55 |
| TF-9 | 04/22/03 | 75.27 | --- | 27.13 | --- | 48.14 |
| TF-9 | 10/06/03 | 74.47 | --- | 26.73 | --- | 47.74 |
| TF-9 | 04/19/04 | 74.47 | --- | 28.18 | --- | 46.29 |
| TF-9 | 11/01/04 | 75.27 | --- | 28.61 | --- | 46.66 |
| TF-9 | 02/28/05 | 75.27 | --- | 25.54 | --- | 49.73 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-9 | 11/02/20 | 75.27 | --- | 37.25 | --- | 40.75 |
| 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 |
| TF-9R | 05/04/21 | 78.00 | --- | 37.64 | --- | 40.36 |
| TF-9R | 11/02/21 | 78.00 | --- | 38.04 | --- | 39.96 |
| TF-10 | 11/20/96 | 74.19 | --- | 28.03 | --- | 46.16 |
| TF-10 | 07/01/97 | 74.19 | --- | 30.60 | --- | 43.59 |
| TF-10 | 12/31/97 | 74.19 | --- | 27.97 | --- | 46.22 |
| TF-10 | 05/01/98 | 74.19 | --- | 25.40 | --- | 48.79 |
| TF-10 | 05/25/99 | 74.19 | --- | 26.79 | --- | 47.40 |
| TF-10 | 05/15/00 | 74.19 | --- | 26.05 | --- | 48.14 |
| TF-10 | 05/07/01 | 74.19 | --- | NM | --- | NC |
| TF-10 | 04/08/02 | 73.61 | --- | 26.16 | --- | 47.45 |
| TF-10 | 09/19/02 | 74.19 | --- | 27.28 | --- | 46.91 |
| TF-10 | 10/21/02 | 73.61 | --- | 26.50 | --- | 47.11 |
| TF-10 | 04/22/03 | 73.61 | --- | 25.95 | --- | 47.66 |
| TF-10 | 10/06/03 | 73.61 | --- | 25.60 | --- | 48.01 |
| TF-10 | 04/19/04 | 73.61 | --- | 26.82 | --- | 46.79 |
| TF-10 | 11/01/04 | 73.61 | --- | 27.32 | --- | 46.29 |
| TF-10 | 02/28/05 | 73.61 | --- | 23.82 | --- | 49.79 |
| TF-10 | 05/02/05 | 73.61 | --- | 22.32 | --- | 51.29 |
| TF-10 | 03/06/06 | 73.61 | --- | 22.89 | --- | 50.72 |
| TF-10 | 05/01/06 | 73.61 | --- | 23.00 | --- | 50.61 |
| TF-10 | 08/26/06 | 73.61 | --- | 24.20 | --- | 49.41 |
| TF-10 | 12/01/06 | 73.61 | --- | 24.52 | --- | 49.09 |
| TF-10 | 03/21/07 | 73.61 | --- | 24.00 | --- | 49.61 |
| TF-10 | 04/30/07 | 73.61 | --- | 24.15 | --- | 49.46 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 07/01/97 | 74.78 | 30.60 | 31.10 | 0.50 | 44.08 |
| TF-14 | 12/31/97 | 74.78 | 27.03 | 31.85 | 4.82 | 46.79 |
| TF-14 | 05/01/98 | 74.78 | 29.95 | 30.75 | 0.80 | 44.67 |
| TF-14 | 05/25/99 | 74.78 | 25.60 | 28.86 | 3.26 | 48.53 |
| TF-14 | 05/15/00 | 74.78 | 26.65 | 27.95 | 1.30 | 47.87 |
| TF-14 | 05/07/01 | 74.78 | --- | 26.30 | --- | 48.48 |
| TF-14 | 04/08/02 | 74.35 | 28.40 | 28.48 | 0.08 | 45.93 |
| TF-14 | 09/19/02 | 74.78 | --- | 27.68 | --- | 47.10 |
| TF-14 | 10/21/02 | 74.78 | --- | 28.42 | --- | 46.36 |
| TF-14 | 04/22/03 | 74.35 | --- | 26.61 | --- | 47.74 |
| TF-14 | 10/06/03 | 74.35 | --- | 26.52 | --- | 47.83 |
| TF-14 | 04/19/04 | 74.35 | --- | 27.94 | --- | 46.41 |
| TF-14 | 11/01/04 | 74.35 | --- | 27.24 | --- | 47.11 |
| TF-14 | 02/28/05 | 74.35 | --- | 23.62 | --- | 50.73 |
| TF-14 | 05/02/05 | 74.35 | --- | 22.51 | --- | 51.84 |
| TF-14 | 03/06/06 | 74.78 | --- | 24.06 | --- | 50.72 |
| TF-14 | 05/01/06 | 74.78 | --- | 24.13 | --- | 50.65 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| TF-15 | 10/06/03 | 74.78 | --- | 27.03 | --- | 47.75 |
| TF-15 | 04/19/04 | 74.78 | --- | 28.17 | --- | 46.61 |
| TF-15 | 11/01/04 | 74.78 | 27.77 | 27.79 | 0.02 | 47.01 |
| TF-15 | 02/28/05 | 74.78 | --- | 23.05 | --- | 51.73 |
| TF-15 | 05/02/05 | 74.78 | --- | 21.67 | --- | 53.11 |
| TF-15 | 03/06/06 | 75.40 | --- | 23.91 | --- | 51.49 |
| TF-15 | 05/01/06 | 75.40 | --- | 23.90 | --- | 51.50 |
| TF-15 | 08/26/06 | 75.40 | --- | 24.49 | --- | 50.91 |
| TF-15 | 12/01/06 | 75.40 | --- | 25.31 | --- | 50.09 |
| TF-15 | 03/21/07 | 75.40 | --- | 25.18 | --- | 50.22 |
| TF-15 | 04/30/07 | 75.40 | --- | 25.88 | --- | 49.52 |
| TF-15 | 08/28/07 | 75.40 | --- | 25.62 | --- | 49.78 |
| TF-15 | 11/12/07 | 74.78 | --- | 26.39 | --- | 48.39 |
| TF-15 | 02/05/08 | 75.40 | --- | 26.42 | --- | 48.98 |
| TF-15 | 04/14/08 | 75.40 | --- | 25.72 | --- | 49.68 |
| TF-15 | 07/24/08 | 74.78 | --- | 26.72 | --- | 48.06 |
| TF-15 | 10/14/08 | 75.40 | --- | 27.29 | --- | 48.11 |
| TF-15 | 02/10/09 | 75.40 | --- | 27.78 | --- | 47.62 |
| TF-15 | 07/17/09 | 75.40 | --- | 26.82 | --- | 48.58 |
| TF-15 | 04/08/10 | 75.40 | --- | 27.43 | --- | 47.97 |
| TF-15 | 10/01/10 | 74.78 | --- | 28.03 | --- | 46.75 |
| TF-15 | 01/08/11 | 74.78 | --- | 27.55 | --- | 47.23 |
| TF-15 | 04/08/11 | 74.78 | --- | 25.96 | --- | 48.82 |
| TF-15 | 07/08/11 | 74.78 | --- | 26.33 | --- | 48.45 |
| 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-15 | 11/02/20 | 75.40 | --- | 34.29 | --- | 40.49 |
| TF-15 | 05/04/21 | 74.78 | --- | 34.45 | --- | 40.33 |
| TF-15 | 11/03/21 | 74.78 | --- | 35.53 | --- | 39.25 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/25/99 | 76.48 | 27.82 | 27.90 | 0.08 | 48.64 |
| TF-16 | 05/15/00 | 76.48 | 32.03 | 32.48 | 0.45 | 44.36 |
| TF-16 | 05/07/01 | 76.48 | 31.96 | 32.20 | 0.24 | 44.47 |
| TF-16 | 04/08/02 | 75.89 | 31.40 | 31.49 | 0.09 | 44.47 |
| TF-16 | 09/19/02 | 76.48 | --- | 29.36 | --- | 47.12 |
| TF-16 | 10/21/02 | 76.48 | --- | 32.21 | --- | 44.27 |
| TF-16 | 04/22/03 | 75.89 | --- | 28.22 | --- | 47.67 |
| TF-16 | 10/06/03 | 75.89 | --- | 28.10 | --- | 47.79 |
| TF-16 | 04/19/04 | 76.48 | --- | 29.16 | --- | 47.32 |
| TF-16 | 11/01/04 | 76.48 | --- | 28.95 | --- | 47.53 |
| TF-16 | 02/28/05 | 76.48 | --- | 25.20 | --- | 51.28 |
| TF-16 | 05/02/05 | 76.48 | --- | 23.70 | --- | 52.78 |
| TF-16 | 03/06/06 | 76.48 | --- | 25.54 | --- | 50.94 |
| TF-16 | 05/01/06 | 76.48 | --- | 25.66 | --- | 50.82 |
| TF-16 | 08/26/06 | 76.48 | --- | 26.06 | --- | 50.42 |
| TF-16 | 12/01/06 | 76.48 | --- | 26.45 | --- | 50.03 |
| TF-16 | 03/21/07 | 76.48 | --- | 26.52 | --- | 49.96 |
| TF-16 | 04/30/07 | 76.48 | --- | 27.04 | --- | 49.44 |
| TF-16 | 08/28/07 | 76.48 | --- | 27.11 | --- | 49.37 |
| TF-16 | 11/12/07 | 75.89 | --- | 27.60 | --- | 48.29 |
| TF-16 | 02/05/08 | 76.48 | --- | 27.94 | --- | 48.54 |
| TF-16 | 04/14/08 | 76.48 | --- | 27.17 | --- | 49.31 |
| TF-16 | 07/24/08 | 75.89 | --- | 27.50 | --- | 48.39 |
| TF-16 | 10/14/08 | 76.48 | --- | 28.37 | --- | 48.11 |
| TF-16 | 02/10/09 | 76.48 | --- | 27.73 | --- | 48.75 |
| TF-16 | 04/20/09 | 75.89 | --- | 27.63 | --- | 48.26 |
| TF-16 | 07/17/09 | 76.48 | --- | 28.35 | --- | 48.13 |
| TF-16 | 10/19/09 | 75.89 | --- | 29.66 | --- | 46.23 |
| TF-16 | 04/08/10 | 76.48 | --- | 27.06 | --- | 49.42 |
| TF-16 | 04/12/10 | 75.89 | --- | 27.36 | --- | 48.53 |
| TF-16 | 10/01/10 | 75.89 | --- | 28.59 | --- | 47.30 |
| TF-16 | 01/08/11 | 75.89 | --- | 28.72 | --- | 47.17 |
| TF-16 | 04/07/11 | 75.89 | --- | 27.18 | --- | 48.71 |
| TF-16 | 07/08/11 | 75.89 | --- | 27.51 | --- | 48.38 |
| TF-16 | 10/07/11 | 75.89 | --- | 28.10 | --- | 47.79 |
| TF-16 | 04/12/12 | 75.89 | --- | 29.05 | --- | 46.84 |
| TF-16 | 04/19/12 | 75.89 | --- | 29.08 | --- | 46.81 |
| TF-16 | 01/11/13 | 75.89 | --- | 30.63 | --- | 45.26 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-16 | 11/02/20 | 76.48 | --- | 34.88 | --- | 41.01 |
| TF-16 | 05/04/21 | 75.89 | --- | 35.35 | --- | 40.54 |
| TF-16 | 11/02/21 | 75.89 | --- | 35.63 | --- | 40.26 |
| TF-17 | 11/20/96 | 75.26 | 30.00 | 30.53 | 0.53 | 45.15 |
| TF-17 | 07/01/97 | 75.26 | 30.10 | 30.20 | 0.10 | 45.14 |
| TF-17 | 12/31/97 | 75.26 | --- | 27.50 | --- | 47.76 |
| TF-17 | 05/01/98 | 75.26 | 24.86 | 25.18 | 0.32 | 50.34 |
| TF-17 | 05/25/99 | 75.26 | 25.40 | 28.24 | 2.84 | 49.29 |
| TF-17 | 05/15/00 | 75.26 | 28.84 | 29.32 | 0.48 | 46.32 |
| TF-17 | 05/07/01 | 75.26 | --- | 26.20 | --- | 49.06 |
| TF-17 | 04/08/02 | 74.88 | 27.01 | 27.04 | 0.03 | 47.86 |
| TF-17 | 09/19/02 | 75.26 | --- | 28.68 | --- | 46.58 |
| TF-17 | 10/21/02 | 75.26 | --- | 27.40 | --- | 47.86 |
| TF-17 | 04/22/03 | 74.88 | 27.85 | 27.99 | 0.14 | 47.00 |
| TF-17 | 10/06/03 | 74.88 | --- | 26.63 | --- | 48.25 |
| TF-17 | 04/19/04 | 75.26 | 27.32 | 28.83 | 1.51 | 47.64 |
| TF-17 | 11/01/04 | 75.26 | 27.80 | 28.30 | 0.50 | 47.36 |
| TF-17 | 02/28/05 | 75.26 | 22.62 | 23.33 | 0.71 | 52.50 |
| TF-17 | 05/02/05 | 75.26 | 21.57 | 22.25 | 0.68 | 53.55 |
| TF-17 | 03/06/06 | 75.26 | 23.42 | 23.98 | 0.56 | 51.73 |
| TF-17 | 05/01/06 | 75.26 | 23.39 | 26.35 | 2.96 | 51.28 |
| TF-17 | 08/26/06 | 75.26 | 24.08 | 26.52 | 2.44 | 50.69 |
| TF-17 | 12/01/06 | 74.88 | 24.77 | 26.62 | 1.85 | 49.74 |
| TF-17 | 03/21/07 | 75.26 | 24.67 | 25.02 | 0.35 | 50.52 |
| TF-17 | 04/30/07 | 75.26 | 25.00 | 26.16 | 1.16 | 50.03 |
| TF-17 | 11/09/07 | 74.88 | 25.35 | 26.01 | 0.66 | 49.40 |
| TF-17 | 02/05/08 | 75.26 | 25.98 | 28.18 | 2.20 | 48.84 |
| TF-17 | 07/24/08 | 75.26 | 26.15 | 27.29 | 1.14 | 48.88 |
| TF-17 | 10/13/08 | 75.26 | 26.67 | 27.95 | 1.28 | 48.33 |
| TF-17 | 02/10/09 | 75.26 | 26.05 | 27.66 | 1.61 | 48.89 |
| TF-17 | 07/17/09 | 74.88 | 26.90 | 27.64 | 0.74 | 47.83 |
| TF-17 | 04/08/10 | 74.88 | 26.76 | 26.78 | 0.02 | 48.12 |
| TF-17 | 10/01/10 | 74.88 | 27.72 | 28.14 | 0.42 | 47.08 |
| TF-17 | 04/08/11 | 74.88 | --- | 25.74 | --- | 49.14 |
| TF-17 | 07/08/11 | 74.88 | --- | 26.40 | --- | 48.48 |
| TF-17 | 10/06/11 | 74.88 | --- | 27.07 | --- | 47.81 |
| TF-17 | 04/12/12 | 74.88 | --- | 27.96 | --- | 46.92 |
| TF-17 | 01/11/13 | 74.88 | --- | 29.55 | --- | 45.33 |
| TF-17 | 04/03/13 | 74.88 | --- | 29.71 | --- | 45.17 |
| TF-17 | 10/02/13 | 74.88 | --- | 30.42 | --- | 44.46 |
| TF-17 | 04/09/14 | 74.88 | --- | 30.97 | --- | 43.91 |
| TF-17 | 04/16/14 | 74.88 | --- | 30.59 | --- | 44.29 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/27/14 | 74.88 | --- | 31.16 | --- | 43.72 |
| TF-17 | 11/02/20 | 75.26 | --- | 36.21 | --- | 41.42 |
| 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 | 05/04/21 | 77.63 | --- | 36.59 | --- | 41.04 |
| TF-17R | 11/03/21 | 77.63 | --- | 37.59 | --- | 40.04 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-18 | 11/02/20 | 73.94 | --- | 31.37 | --- | 42.79 |
| TF-18 | 05/04/21 | 73.74 | --- | 32.82 | --- | 41.12 |
| TF-18 | 11/03/21 | 74.16 | --- | 33.02 | --- | 41.14 |
| TF-19 | 11/20/96 | 75.61 | --- | 29.06 | --- | 46.55 |
| TF-19 | 07/01/97 | 75.61 | 29.20 | 29.30 | 0.10 | 46.39 |
| TF-19 | 12/31/97 | 75.61 | --- | 28.27 | --- | 47.34 |
| TF-19 | 05/01/98 | 75.61 | --- | 25.70 | --- | 49.91 |
| TF-19 | 05/25/99 | 75.61 | --- | 26.42 | --- | 49.19 |
| TF-19 | 05/15/00 | 75.61 | 32.33 | 32.90 | 0.57 | 43.17 |
| TF-19 | 05/07/01 | 75.61 | --- | 28.61 | --- | 47.00 |
| TF-19 | 04/08/02 | 75.07 | --- | 26.40 | --- | 48.67 |
| TF-19 | 09/19/02 | 75.61 | --- | 27.90 | --- | 47.71 |
| TF-19 | 10/21/02 | 75.61 | --- | 27.08 | --- | 48.53 |
| TF-19 | 04/22/03 | 75.07 | --- | 27.09 | --- | 47.98 |
| TF-19 | 10/06/03 | 75.07 | --- | 26.87 | --- | 48.20 |
| TF-19 | 04/19/04 | 75.07 | --- | 26.90 | --- | 48.17 |
| TF-19 | 11/01/04 | 75.61 | --- | 28.20 | --- | 47.41 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-19 | 10/19/20 | 75.61 | --- | 32.63 | --- | 42.44 |
| TF-19 | 11/02/20 | 75.61 | --- | 32.63 | --- | 42.44 |
| TF-19 | 05/04/21 | 75.07 | --- | 33.33 | --- | 41.74 |
| TF-19 | 11/03/21 | 75.07 | --- | 34.39 | --- | 40.68 |
| TF-20 | 11/20/96 | 75.59 | --- | 29.02 | --- | 46.57 |
| TF-20 | 07/01/97 | 75.59 | --- | 29.40 | --- | 46.19 |
| TF-20 | 12/31/97 | 75.59 | --- | 28.49 | --- | 47.10 |
| TF-20 | 05/01/98 | 75.59 | --- | 25.93 | --- | 49.66 |
| TF-20 | 05/25/99 | 75.59 | --- | 26.74 | --- | 48.85 |
| TF-20 | 05/15/00 | 75.59 | --- | 31.44 | --- | 44.15 |
| TF-20 | 05/07/01 | 75.59 | --- | 27.96 | --- | 47.63 |
| TF-20 | 04/08/02 | 75.08 | --- | 31.40 | --- | 43.68 |
| TF-20 | 09/19/02 | 75.59 | --- | 28.52 | --- | 47.07 |
| TF-20 | 10/21/02 | 75.59 | --- | 31.29 | --- | 44.30 |
| TF-20 | 04/22/03 | 75.08 | --- | 31.28 | --- | 43.80 |
| TF-20 | 10/06/03 | 75.08 | --- | 27.60 | --- | 47.48 |
| TF-20 | 04/19/04 | 75.08 | --- | 27.78 | --- | 47.30 |
| TF-20 | 11/01/04 | 75.59 | --- | 28.88 | --- | 46.71 |
| TF-20 | 02/28/05 | 75.59 | --- | 24.92 | --- | 50.67 |
| TF-20 | 05/02/05 | 75.59 | --- | 22.54 | --- | 53.05 |
| TF-20 | 03/06/06 | 75.59 | 24.34 | 24.48 | 0.14 | 51.22 |
| TF-20 | 05/01/06 | 75.59 | 24.67 | 27.70 | 3.03 | 50.31 |
| TF-20 | 08/26/06 | 75.59 | 25.05 | 28.68 | 3.63 | 49.81 |
| TF-20 | 12/01/06 | 75.59 | 25.48 | 29.67 | 4.19 | 49.27 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/10 | 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-20 | 11/02/20 | 75.59 | --- | 33.87 | --- | 41.39 |
| 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-20R | 05/04/21 | 75.26 | --- | 34.87 | --- | 40.39 |
| TF-20R | 11/02/21 | 75.26 | --- | 35.03 | --- | 40.23 |
| TF-21 | 11/20/96 | 75.60 | 29.83 | 29.91 | 0.08 | 45.75 |
| TF-21 | 07/01/97 | 75.60 | 30.80 | 31.10 | 0.30 | 44.74 |
| TF-21 | 12/31/97 | 75.60 | --- | 28.35 | --- | 47.25 |
| TF-21 | 05/01/98 | 75.60 | --- | 25.56 | --- | 50.04 |
| TF-21 | 05/01/98 | 75.60 | --- | NM | 0.05 | NC |
| TF-21 | 05/25/99 | 75.60 | 26.49 | 26.58 | 0.09 | 49.09 |
| TF-21 | 05/15/00 | 75.60 | 28.68 | 29.04 | 0.36 | 46.85 |
| TF-21 | 05/07/01 | 75.60 | --- | 29.81 | --- | 45.79 |
| TF-21 | 04/08/02 | 74.96 | --- | 28.50 | --- | 46.46 |
| TF-21 | 09/19/02 | 75.60 | --- | 28.63 | --- | 46.97 |
| TF-21 | 10/21/02 | 75.60 | --- | 30.16 | --- | 45.44 |
| TF-21 | 04/22/03 | 74.96 | --- | 27.62 | --- | 47.34 |
| TF-21 | 10/06/03 | 74.96 | --- | 26.55 | --- | 48.41 |
| TF-21 | 04/19/04 | 74.96 | --- | 27.28 | --- | 47.68 |
| TF-21 | 11/01/04 | 75.60 | --- | 27.88 | --- | 47.72 |
| TF-21 | 02/28/05 | 75.60 | --- | 23.76 | --- | 51.84 |
| TF-21 | 05/02/05 | 75.60 | --- | 22.00 | --- | 53.60 |
| TF-21 | 03/06/06 | 75.60 | --- | 24.06 | --- | 51.54 |
| TF-21 | 05/01/06 | 75.60 | --- | 24.09 | --- | 51.51 |
| TF-21 | 08/26/06 | 75.60 | --- | 24.76 | --- | 50.84 |
| TF-21 | 12/01/06 | 75.60 | --- | 25.22 | --- | 50.38 |
| TF-21 | 03/21/07 | 75.60 | --- | 25.51 | --- | 50.09 |
| TF-21 | 04/30/07 | 75.60 | --- | 25.72 | --- | 49.88 |
| TF-21 | 08/28/07 | 75.60 | --- | 26.17 | --- | 49.43 |
| TF-21 | 11/12/07 | 74.76 | --- | 26.35 | --- | 48.41 |
| TF-21 | 02/05/08 | 75.60 | --- | 27.25 | --- | 48.35 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/14/08 | 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-21 | 11/02/20 | 75.60 | --- | 36.45 | --- | 41.46 |
| TF-21 | 05/03/21 | 77.91 | --- | 38.11 | --- | 39.80 |
| TF-21 | 11/02/21 | 77.91 | --- | 38.01 | --- | 39.90 |
| TF-22 | 11/20/96 | 74.95 | 30.56 | 31.98 | 1.42 | 44.11 |
| TF-22 | 07/01/97 | 74.95 | 30.70 | 31.00 | 0.30 | 44.19 |
| TF-22 | 12/31/97 | 74.95 | 28.01 | 28.90 | 0.89 | 46.76 |
| TF-22 | 05/01/98 | 74.95 | 23.57 | 25.24 | 1.67 | 51.05 |
| TF-22 | 05/25/99 | 74.95 | 26.02 | 26.44 | 0.42 | 48.85 |
| TF-22 | 05/15/00 | 74.95 | 32.65 | 32.96 | 0.31 | 42.24 |
| TF-22 | 05/07/01 | 74.95 | 32.70 | 33.01 | 0.31 | 42.19 |
| TF-22 | 04/08/02 | 74.76 | 32.80 | 32.98 | 0.18 | 41.92 |
| TF-22 | 09/19/02 | 74.95 | --- | 27.63 | --- | 47.32 |
| TF-22 | 10/21/02 | 74.95 | 31.42 | 32.60 | 0.02 | 42.37 |
| TF-22 | 04/22/03 | 74.76 | --- | 27.60 | --- | 47.16 |
| TF-22 | 10/06/03 | 74.76 | --- | 26.37 | --- | 48.39 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| TF-22 | 04/19/04 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-23 | 11/02/20 | 75.31 | --- | 33.95 | --- | 41.36 |
| TF-23 | 05/03/21 | 75.31 | --- | 34.64 | --- | 40.67 |
| TF-23 | 11/02/21 | 75.31 | --- | 35.19 | --- | 40.12 |
| 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 |
| TF-24 | 07/16/09 | 76.43 | --- | 29.11 | --- | 47.32 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-----------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| TF-24 | 04/07/10 | 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-24 | 11/02/20 | 76.35 | --- | 36.98 | --- | 39.45 |
| TF-24 | 05/03/21 | 76.43 | --- | 37.63 | --- | 38.80 |
| TF-24 | 11/02/21 | 76.43 | --- | 37.85 | --- | 38.58 |
| OLD_TF-24 | 11/20/96 | 76.36 | --- | 31.18 | --- | 45.18 |
| OLD_TF-24 | 04/27/07 | 76.36 | --- | 27.39 | --- | 48.97 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| TF-25 | 01/08/11 | 74.85 | --- | 27.63 | --- | 47.22 |
| TF-25 | 04/08/11 | 74.85 | --- | 26.40 | --- | 48.45 |
| TF-25 | 07/08/11 | 74.85 | --- | 26.63 | --- | 48.22 |
| TF-25 | 10/07/11 | 74.85 | --- | 27.27 | --- | 47.58 |
| TF-25 | 04/12/12 | 74.85 | --- | 28.29 | --- | 46.56 |
| TF-25 | 01/11/13 | 74.85 | --- | 29.65 | --- | 45.20 |
| TF-25 | 04/03/13 | 74.85 | --- | 29.49 | --- | 45.36 |
| TF-25 | 04/09/14 | 74.85 | --- | 30.98 | --- | 43.87 |
| TF-26 | 05/07/01 | 75.85 | --- | 27.83 | --- | 48.02 |
| TF-26 | 04/08/02 | 75.85 | --- | 29.12 | --- | 46.73 |
| TF-26 | 09/19/02 | 75.85 | --- | 29.52 | --- | 46.33 |
| TF-26 | 10/21/02 | 75.85 | --- | 28.82 | --- | 47.03 |
| TF-26 | 04/22/03 | 75.85 | --- | 28.60 | --- | 47.25 |
| TF-26 | 10/06/03 | 75.85 | --- | 28.42 | --- | 47.43 |
| TF-26 | 04/19/04 | 75.85 | --- | 29.71 | --- | 46.14 |
| TF-26 | 11/01/04 | 75.85 | --- | 29.18 | --- | 46.67 |
| TF-26 | 02/28/05 | 75.85 | --- | 25.38 | --- | 50.47 |
| TF-26 | 05/02/05 | 75.85 | --- | 24.62 | --- | 51.23 |
| TF-26 | 03/06/06 | 75.85 | --- | 25.62 | --- | 50.23 |
| TF-26 | 05/01/06 | 75.85 | --- | 26.04 | --- | 49.81 |
| TF-26 | 08/26/06 | 75.85 | --- | 26.40 | --- | 49.45 |
| TF-26 | 12/01/06 | 75.85 | --- | 26.78 | --- | 49.07 |
| TF-26 | 03/21/07 | 75.85 | --- | 26.84 | --- | 49.01 |
| TF-26 | 04/27/07 | 75.85 | --- | 27.18 | --- | 48.67 |
| TF-26 | 08/28/07 | 75.85 | --- | 27.06 | --- | 48.79 |
| TF-26 | 11/12/07 | 75.85 | --- | 27.80 | --- | 48.05 |
| TF-26 | 02/05/08 | 75.85 | --- | 28.11 | --- | 47.74 |
| TF-26 | 04/11/08 | 75.85 | --- | 27.59 | --- | 48.26 |
| TF-26 | 07/24/08 | 75.85 | --- | 28.01 | --- | 47.84 |
| TF-26 | 10/13/08 | 75.85 | --- | 28.59 | --- | 47.26 |
| TF-26 | 02/09/09 | 75.85 | --- | 27.91 | --- | 47.94 |
| TF-26 | 07/17/09 | --- | --- | 28.87 | --- | NC |
| TF-26 | 04/07/10 | 75.85 | --- | 28.11 | --- | 47.74 |
| TF-26 | 10/01/10 | 75.85 | --- | 28.41 | --- | 47.44 |
| TF-26 | 04/08/11 | 75.85 | --- | 27.20 | --- | 48.65 |
| TF-26 | 07/07/11 | 75.85 | --- | 27.50 | --- | 48.35 |
| TF-26 | 10/06/11 | 75.85 | --- | 22.97 | --- | 52.88 |
| TF-26 | 04/12/12 | 75.85 | --- | 29.04 | --- | 46.81 |
| TF-26 | 01/10/13 | 75.85 | --- | 30.21 | --- | 45.64 |
| TF-26 | 04/02/13 | 75.85 | 30.55 | 31.39 | 0.84 | 45.13 |
| TF-26 | 04/09/14 | 75.85 | 31.48 | 32.58 | 1.10 | 44.15 |
| TFR-9 | 04/16/18 | --- | 35.94 | 38.43 | 2.49 | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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 |
| TFR-9 | 11/02/20 | 77.06 | --- | 35.45 | --- | 41.61 |
| TFR-9 | 05/06/21 | 77.06 | --- | 35.52 | --- | 41.54 |
| TFR-9 | 11/02/21 | 77.06 | --- | 35.93 | --- | 41.13 |
| 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-12 | 11/02/20 | 76.81 | --- | 35.51 | --- | 41.30 |
| TFR-12 | 05/06/21 | 76.81 | --- | 35.48 | --- | 41.33 |
| TFR-12 | 11/03/21 | 76.81 | --- | 37.06 | --- | 39.75 |
| TFR-14 | 04/16/18 | --- | 36.18 | 36.80 | 0.62 | NC |
| TFR-14 | 11/05/18 | --- | 36.80 | 37.29 | 0.49 | NC |
| 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-14 | 11/02/20 | 77.34 | --- | 35.89 | --- | 41.45 |
| TFR-14 | 05/06/21 | 77.34 | --- | 36.01 | --- | 41.33 |
| TFR-14 | 11/03/21 | 77.34 | --- | 37.26 | --- | 40.08 |
| 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-15 | 11/02/20 | 76.89 | --- | 35.70 | --- | 41.19 |
| TFR-15 | 05/06/21 | 76.89 | --- | 36.60 | --- | 40.29 |
| TFR-15 | 11/03/21 | 76.89 | --- | 35.38 | --- | 41.51 |
| 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-18 | 11/02/20 | 75.18 | --- | 34.01 | --- | 41.17 |
| TFR-18 | 05/06/21 | 75.18 | --- | 34.43 | --- | 40.75 |
| TFR-18 | 11/03/21 | 75.18 | --- | 34.84 | --- | 40.34 |
| 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-22 | 11/02/20 | 74.65 | 34.50 | 35.54 | 1.04 | 40.15 |
| TFR-22R | 05/06/21 | 74.65 | 33.21 | 36.93 | 3.72 | 40.70 |
| TFR-22 | 11/03/21 | 74.65 | 34.28 | 35.31 | 1.03 | 40.16 |
| TFR-24 | 04/16/18 | --- | 33.86 | 36.64 | 2.78 | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-24 | 11/02/20 | 74.42 | --- | 33.61 | --- | 41.51 |
| TFR-24 | 05/06/21 | 74.42 | 33.87 | 34.02 | 0.15 | 40.52 |
| TFR-24 | 11/03/21 | 74.42 | --- | 34.09 | --- | 40.33 |
| 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-27 | 11/02/20 | 74.65 | --- | 33.84 | --- | 40.81 |
| TFR-27 | 05/06/21 | 74.65 | --- | 33.60 | --- | 41.05 |
| TFR-27 | 11/03/21 | 74.65 | --- | 34.93 | --- | 39.72 |
| 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-29 | 11/02/20 | 74.69 | 32.16 | 32.17 | 0.01 | NC |
| TFR-29 | 05/06/21 | 74.69 | 32.94 | 35.97 | 3.03 | 41.14 |
| TFR-29 | 11/03/21 | 74.69 | --- | 34.85 | --- | 39.84 |
| 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-33 | 11/02/20 | 75.12 | --- | 33.61 | --- | 41.51 |
| TFR-33 | 05/06/21 | 75.12 | --- | DRY | --- | DRY |
| TFR-33 | 11/03/21 | 75.12 | --- | 34.78 | --- | 40.34 |
| VE-1 | 04/07/03 | 77.70 | --- | 29.55 | --- | 48.15 |
| VE-1 | 10/06/03 | 77.70 | --- | 29.39 | --- | 48.31 |
| VE-1 | 04/19/04 | 77.70 | --- | 30.17 | --- | 47.53 |
| VE-1 | 11/01/04 | 77.70 | --- | 30.05 | --- | 47.65 |
| VE-1 | 05/01/06 | 77.70 | --- | 26.58 | --- | 51.12 |
| VE-1 | 04/11/08 | 77.70 | --- | 28.68 | --- | 49.02 |
| VE-1 | 10/13/08 | 77.70 | --- | 29.78 | --- | 47.92 |
| VE-1 | 04/08/10 | --- | --- | 30.02 | --- | NC |
| VE-2 | 04/07/03 | 77.26 | --- | 28.95 | --- | 48.31 |
| VE-2 | 10/06/03 | 77.26 | --- | 28.89 | --- | 48.37 |
| VE-2 | 04/19/04 | 77.26 | --- | 30.02 | --- | 47.24 |
| VE-2 | 11/01/04 | 77.26 | --- | 29.69 | --- | 47.57 |
| VE-2 | 05/01/06 | 77.26 | --- | 25.93 | --- | 51.33 |
| VE-2 | 04/11/08 | 77.26 | --- | 28.25 | --- | 49.01 |
| VE-2 | 10/13/08 | 77.26 | --- | 29.33 | --- | 47.93 |
| VE-2 | 04/07/10 | --- | --- | 30.36 | --- | NC |
| VEW-1 | 08/07/01 | 74.32 | --- | NM | --- | NC |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-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-1 | 11/02/20 | --- | --- | DRY | --- | NC |
| VEW-1 | 05/03/21 | --- | --- | DRY | --- | DRY |
| VEW-1 | 11/01/21 | --- | --- | 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 |
| VEW-2 | 04/16/19 | --- | --- | NM | --- | NC |
| VEW-2 | 10/28/19 | --- | --- | DRY | --- | NC |
| VEW-2 | 05/04/20 | --- | --- | DRY | --- | NC |
| VEW-2 | 11/02/20 | --- | --- | DRY | --- | NC |
| VEW-2 | 05/03/21 | --- | --- | DRY | --- | DRY |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 11/01/21 | --- | --- | 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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-1 | 11/02/20 | 72.86 | --- | 32.34 | --- | 40.52 |
| WCW-1 | 05/03/21 | 72.86 | --- | 32.68 | --- | 40.18 |
| WCW-1 | 11/01/21 | 72.86 | --- | 32.96 | --- | 39.90 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-2 | 11/02/20 | 75.34 | --- | 35.08 | --- | 40.26 |
| WCW-2 | 05/03/21 | 75.34 | --- | 35.38 | --- | 39.96 |
| WCW-2 | 11/01/21 | 75.34 | --- | 35.62 | --- | 39.72 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-3 | 11/02/20 | 76.16 | --- | 36.13 | --- | 40.03 |
| WCW-3 | 05/03/21 | 76.16 | --- | 36.90 | --- | 39.26 |
| WCW-3 | 11/01/21 | 76.16 | --- | 36.50 | --- | 39.66 |
| WCW-4 | 11/20/96 | 78.05 | --- | 32.61 | --- | 45.44 |
| WCW-4 | 07/01/97 | 78.05 | --- | 32.95 | --- | 45.10 |
| WCW-4 | 12/31/97 | 78.05 | --- | 32.63 | --- | 45.42 |
| WCW-4 | 05/01/98 | 78.05 | --- | 31.10 | --- | 46.95 |
| WCW-4 | 05/03/99 | 78.05 | --- | 30.25 | --- | 47.80 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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 |
| WCW-4 | 10/28/19 | 78.05 | --- | 38.03 | --- | 40.02 |
| WCW-4 | 05/04/20 | 78.05 | --- | 38.27 | --- | 39.78 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|-------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| WCW-4 | 11/02/20 | 78.05 | --- | 38.38 | --- | 39.67 |
| WCW-4 | 05/03/21 | 78.05 | --- | 38.58 | --- | 39.47 |
| WCW-4 | 11/01/21 | 78.05 | --- | 38.72 | --- | 39.33 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/17/17 | 73.49 | --- | 31.21 | --- | 42.28 |
| WCW-5 | 10/02/17 | 73.49 | --- | 32.34 | --- | 41.15 |
| WCW-5 | 04/16/18 | 73.49 | --- | 32.90 | --- | 40.59 |
| WCW-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-5 | 11/02/20 | 73.49 | --- | 33.00 | --- | 40.49 |
| WCW-5 | 05/03/21 | 73.49 | --- | 33.30 | --- | 40.19 |
| WCW-5 | 11/01/21 | 73.49 | --- | 33.58 | --- | 39.91 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/13 | 75.52 | --- | 29.59 | --- | 45.93 |
| WCW-6 | 10/07/13 | 75.52 | --- | 30.56 | --- | 44.96 |
| WCW-6 | 04/14/14 | 75.52 | --- | 31.12 | --- | 44.40 |
| WCW-6 | 10/27/14 | 75.52 | --- | 31.69 | --- | 43.83 |
| WCW-6 | 04/20/15 | 75.52 | --- | 32.08 | --- | 43.44 |
| WCW-6 | 10/19/15 | 75.52 | --- | 32.82 | --- | 42.70 |
| WCW-6 | 04/11/16 | 75.52 | --- | 33.53 | --- | 41.99 |
| WCW-6 | 10/03/16 | 75.52 | --- | 34.00 | --- | 41.52 |
| WCW-6 | 10/03/16 | 75.52 | --- | 34.00 | --- | 41.52 |
| WCW-6 | 04/17/17 | 75.52 | --- | 33.51 | --- | 42.01 |
| WCW-6 | 10/02/17 | 75.52 | --- | 34.22 | --- | 41.30 |
| WCW-6 | 04/16/18 | 75.52 | --- | 34.70 | --- | 40.82 |
| WCW-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-6 | 11/02/20 | 75.52 | --- | 34.92 | --- | 40.60 |
| WCW-6 | 05/03/21 | 75.52 | --- | 35.36 | --- | 40.16 |
| WCW-6 | 11/01/21 | 75.52 | --- | 35.47 | --- | 40.05 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/01/06 | 76.44 | --- | 26.41 | --- | 50.03 |
| WCW-7 | 09/18/06 | 76.44 | --- | 26.72 | --- | 49.72 |
| WCW-7 | 12/01/06 | 76.44 | --- | 27.13 | --- | 49.31 |
| WCW-7 | 03/12/07 | 76.44 | --- | 27.28 | --- | 49.16 |
| WCW-7 | 04/30/07 | 76.44 | --- | 26.96 | --- | 49.48 |
| WCW-7 | 08/28/07 | 76.44 | --- | 26.70 | --- | 49.74 |
| WCW-7 | 11/12/07 | 76.44 | --- | 27.67 | --- | 48.77 |
| WCW-7 | 02/19/08 | 76.44 | --- | 27.69 | --- | 48.75 |
| WCW-7 | 04/14/08 | 76.44 | --- | 27.56 | --- | 48.88 |
| WCW-7 | 08/11/08 | 76.44 | --- | 28.00 | --- | 48.44 |
| WCW-7 | 10/16/08 | 76.44 | --- | 28.53 | --- | 47.91 |
| WCW-7 | 04/20/09 | 76.44 | --- | 28.72 | --- | 47.72 |
| WCW-7 | 07/20/09 | 76.44 | --- | 28.94 | --- | 47.50 |
| WCW-7 | 10/19/09 | 76.44 | --- | 29.29 | --- | 47.15 |
| WCW-7 | 01/12/10 | 76.44 | --- | 29.94 | --- | 46.50 |
| WCW-7 | 03/15/10 | 76.44 | --- | 30.00 | --- | 46.44 |
| WCW-7 | 05/24/10 | 76.44 | --- | 29.75 | --- | 46.69 |
| WCW-7 | 05/28/10 | 76.44 | --- | 29.65 | --- | 46.79 |
| WCW-7 | 10/04/10 | 76.44 | --- | 29.53 | --- | 46.91 |
| WCW-7 | 01/08/11 | 76.44 | --- | 30.23 | --- | 46.21 |
| WCW-7 | 01/10/11 | 76.44 | --- | 29.87 | --- | 46.57 |
| WCW-7 | 04/08/11 | 76.44 | --- | 29.04 | --- | 47.40 |
| WCW-7 | 04/11/11 | 76.44 | --- | 28.90 | --- | 47.54 |
| WCW-7 | 07/07/11 | 76.44 | --- | 28.96 | --- | 47.48 |
| WCW-7 | 07/11/11 | 76.44 | --- | 28.74 | --- | 47.70 |
| WCW-7 | 10/10/11 | 76.44 | --- | 28.93 | --- | 47.51 |
| WCW-7 | 01/09/12 | 76.44 | --- | 29.35 | --- | 47.09 |
| WCW-7 | 04/16/12 | 76.44 | --- | 29.17 | --- | 47.27 |
| WCW-7 | 07/09/12 | 76.44 | --- | 28.34 | --- | 48.10 |
| WCW-7 | 10/15/12 | 76.44 | --- | 30.41 | --- | 46.03 |
| WCW-7 | 01/14/13 | 76.44 | --- | 30.88 | --- | 45.56 |
| WCW-7 | 04/08/13 | 76.44 | --- | 30.91 | --- | 45.53 |
| WCW-7 | 10/07/13 | 76.44 | --- | 32.25 | --- | 44.19 |
| WCW-7 | 04/14/14 | 76.44 | --- | 32.46 | --- | 43.98 |
| WCW-7 | 10/27/14 | 76.44 | --- | 32.88 | --- | 43.56 |
| WCW-7 | 04/20/15 | 76.44 | --- | 33.22 | --- | 43.22 |
| WCW-7 | 10/19/15 | 76.44 | --- | 34.05 | --- | 42.39 |
| WCW-7 | 04/11/16 | 76.44 | --- | 34.46 | --- | 41.98 |
| WCW-7 | 10/03/16 | 76.44 | --- | 34.22 | --- | 42.22 |
| WCW-7 | 10/03/16 | 76.44 | --- | 34.22 | --- | 42.22 |
| WCW-7 | 04/17/17 | 76.44 | --- | DRY | --- | NC |
| WCW-7 | 10/02/17 | 76.44 | --- | 35.34 | --- | 41.10 |
| WCW-7 | 04/16/18 | 76.44 | --- | 35.49 | --- | 40.95 |
| WCW-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-7 | 11/02/20 | 76.44 | --- | 36.13 | --- | 40.31 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 05/03/21 | 76.44 | --- | 36.66 | --- | 39.78 |
| WCW-7 | 11/01/21 | 76.44 | --- | 36.54 | --- | 39.90 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/11/16 | 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-8 | 11/02/20 | 77.34 | --- | 37.24 | --- | 40.10 |
| WCW-8 | 05/03/21 | 77.34 | --- | 37.62 | --- | 39.72 |
| WCW-8 | 11/01/21 | 77.34 | --- | 37.74 | --- | 39.60 |
| 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/15/12 | 77.74 | --- | NM | --- | NC |
| WCW-9 | 04/08/13 | 77.74 | --- | 31.73 | --- | 46.01 |
| WCW-9 | 10/07/13 | 77.74 | --- | 33.04 | --- | 44.70 |
| WCW-9 | 04/14/14 | 77.74 | --- | 33.24 | --- | 44.50 |
| WCW-9 | 10/27/14 | 77.74 | --- | 34.10 | --- | 43.64 |
| WCW-9 | 04/20/15 | 77.74 | --- | 33.92 | --- | 43.82 |
| WCW-9 | 10/19/15 | 77.74 | --- | 34.91 | --- | 42.83 |
| WCW-9 | 04/11/16 | 77.74 | --- | 35.52 | --- | 42.22 |
| WCW-9 | 10/03/16 | 77.74 | --- | 35.29 | --- | 42.45 |
| WCW-9 | 10/03/16 | 77.74 | --- | 35.29 | --- | 42.45 |
| WCW-9 | 04/17/17 | 77.74 | --- | 35.10 | --- | 42.64 |
| WCW-9 | 10/02/17 | 77.74 | --- | 36.49 | --- | 41.25 |
| WCW-9 | 04/16/18 | 77.74 | --- | 36.82 | --- | 40.92 |
| WCW-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 |
| WCW-9 | 11/02/20 | 77.74 | --- | 37.00 | --- | 40.74 |
| WCW-9 | 05/03/21 | 77.74 | --- | 37.34 | --- | 40.40 |
| WCW-9 | 11/01/21 | 77.74 | --- | 37.27 | --- | 40.47 |
| WCW-10 | 11/20/96 | 74.06 | --- | 27.61 | --- | 46.45 |
| WCW-10 | 07/01/97 | 74.06 | --- | 27.23 | --- | 46.83 |
| WCW-10 | 12/31/97 | 74.06 | --- | 27.21 | --- | 46.85 |
| WCW-10 | 05/01/98 | 74.06 | --- | 23.22 | --- | 50.84 |
| WCW-10 | 05/04/99 | 74.06 | --- | 24.52 | --- | 49.54 |
| WCW-10 | 08/09/99 | 74.06 | --- | 24.63 | --- | 49.43 |
| WCW-10 | 11/15/99 | 74.06 | --- | 24.89 | --- | 49.17 |
| WCW-10 | 05/15/00 | 74.06 | --- | 25.50 | --- | 48.56 |
| WCW-10 | 11/13/00 | 74.06 | --- | 25.18 | --- | 48.88 |
| WCW-10 | 05/07/01 | 74.06 | --- | 24.66 | --- | 49.40 |
| WCW-10 | 04/08/02 | 74.06 | --- | 24.71 | --- | 49.35 |
| WCW-10 | 10/21/02 | 74.06 | --- | 25.20 | --- | 48.86 |
| WCW-10 | 04/07/03 | 74.06 | --- | 25.23 | --- | 48.83 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-10 | 11/02/20 | 74.06 | --- | 34.00 | --- | 40.06 |
| WCW-10 | 05/03/21 | 74.06 | --- | 34.46 | --- | 39.60 |
| WCW-10 | 11/01/21 | 74.06 | --- | 34.88 | --- | 39.18 |
| WCW-11 | 11/20/96 | 75.29 | --- | 29.24 | --- | 46.05 |
| WCW-11 | 07/01/97 | 75.29 | --- | 28.91 | --- | 46.38 |
| WCW-11 | 12/31/97 | 75.29 | --- | 29.14 | --- | 46.15 |
| WCW-11 | 05/01/98 | 75.29 | --- | 26.04 | --- | 49.25 |
| WCW-11 | 05/04/99 | 75.29 | --- | 26.63 | --- | 48.66 |
| WCW-11 | 08/09/99 | 75.29 | --- | 26.30 | --- | 48.99 |
| WCW-11 | 11/15/99 | 75.29 | --- | 26.55 | --- | 48.74 |
| WCW-11 | 05/15/00 | 75.29 | --- | 26.91 | --- | 48.38 |
| WCW-11 | 11/13/00 | 75.29 | --- | 26.77 | --- | 48.52 |
| WCW-11 | 05/07/01 | 75.29 | --- | 26.65 | --- | 48.64 |
| WCW-11 | 04/08/02 | 75.29 | --- | 26.45 | --- | 48.84 |
| WCW-11 | 10/21/02 | 75.29 | --- | 26.72 | --- | 48.57 |
| WCW-11 | 04/07/03 | 75.29 | --- | 26.78 | --- | 48.51 |
| WCW-11 | 05/10/04 | 75.29 | --- | 26.89 | --- | 48.40 |
| WCW-11 | 11/01/04 | 75.29 | --- | 27.22 | --- | 48.07 |
| WCW-11 | 05/02/05 | 75.29 | --- | 25.23 | --- | 50.06 |
| WCW-11 | 05/01/06 | 75.29 | --- | 24.45 | --- | 50.84 |
| WCW-11 | 04/30/07 | 75.29 | --- | 25.18 | --- | 50.11 |
| WCW-11 | 11/12/07 | 75.29 | --- | 25.97 | --- | 49.32 |
| WCW-11 | 10/16/08 | 75.29 | --- | 26.61 | --- | 48.68 |
| WCW-11 | 04/20/09 | 75.29 | --- | 26.62 | --- | 48.67 |
| WCW-11 | 01/12/10 | 75.29 | --- | 27.83 | --- | 47.46 |
| WCW-11 | 05/24/10 | 75.29 | --- | 27.77 | --- | 47.52 |
| WCW-11 | 05/28/10 | 75.29 | --- | 27.46 | --- | 47.83 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 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-11 | 11/02/20 | 75.29 | --- | 35.37 | --- | 39.92 |
| WCW-11 | 05/03/21 | 75.29 | --- | 35.87 | --- | 39.42 |
| WCW-11 | 11/01/21 | 75.29 | --- | 36.39 | --- | 38.90 |
| WCW-12 | 11/20/96 | 76.27 | --- | 30.89 | --- | 45.38 |
| WCW-12 | 07/01/97 | 76.27 | --- | 30.34 | --- | 45.93 |
| WCW-12 | 12/31/97 | 76.27 | --- | 30.59 | --- | 45.68 |
| WCW-12 | 05/01/98 | 76.27 | --- | 29.31 | --- | 46.96 |
| WCW-12 | 05/04/99 | 76.27 | --- | 27.63 | --- | 48.64 |
| WCW-12 | 08/09/99 | 76.27 | --- | 27.81 | --- | 48.46 |
| WCW-12 | 11/15/99 | 76.27 | --- | 28.20 | --- | 48.07 |
| WCW-12 | 05/15/00 | 76.27 | --- | 28.17 | --- | 48.10 |
| WCW-12 | 11/13/00 | 76.27 | --- | 28.21 | --- | 48.06 |
| WCW-12 | 05/07/01 | 76.27 | --- | 27.79 | --- | 48.48 |
| WCW-12 | 04/08/02 | 76.27 | --- | 27.70 | --- | 48.57 |
| WCW-12 | 10/21/02 | 76.27 | --- | 28.24 | --- | 48.03 |
| WCW-12 | 04/07/03 | 76.27 | --- | 28.23 | --- | 48.04 |
| WCW-12 | 05/10/04 | 76.27 | --- | 28.34 | --- | 47.93 |
| WCW-12 | 11/01/04 | 76.27 | --- | 28.74 | --- | 47.53 |
| WCW-12 | 05/02/05 | 76.27 | --- | 26.61 | --- | 49.66 |
| WCW-12 | 05/01/06 | 76.27 | --- | 25.95 | --- | 50.32 |
| WCW-12 | 12/01/06 | 76.27 | --- | 26.39 | --- | 49.88 |
| WCW-12 | 04/30/07 | 76.27 | --- | 26.39 | --- | 49.88 |
| WCW-12 | 11/12/07 | 76.27 | --- | 27.15 | --- | 49.12 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/14/08 | 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-12 | 11/02/20 | 76.27 | --- | 36.60 | --- | 39.67 |
| WCW-12 | 05/03/21 | 76.27 | --- | 36.77 | --- | 39.50 |
| WCW-12 | 11/01/21 | 76.27 | --- | 37.07 | --- | 39.20 |
| WCW-13 | 11/20/96 | 77.70 | --- | 32.51 | --- | 45.19 |
| WCW-13 | 07/01/97 | 77.70 | --- | 32.44 | --- | 45.26 |
| WCW-13 | 12/31/97 | 77.70 | --- | 32.24 | --- | 45.46 |
| WCW-13 | 05/01/98 | 77.70 | --- | 30.90 | --- | 46.80 |
| WCW-13 | 05/04/99 | 77.70 | --- | 29.39 | --- | 48.31 |
| WCW-13 | 08/09/99 | 77.70 | --- | 30.82 | --- | 46.88 |
| WCW-13 | 11/15/99 | 77.70 | --- | 29.96 | --- | 47.74 |
| WCW-13 | 05/15/00 | 77.70 | --- | 29.83 | --- | 47.87 |
| WCW-13 | 08/28/00 | 77.70 | --- | 29.92 | --- | 47.78 |
| WCW-13 | 11/13/00 | 77.70 | --- | 29.96 | --- | 47.74 |
| WCW-13 | 02/05/01 | 77.70 | --- | 30.15 | --- | 47.55 |
| WCW-13 | 05/07/01 | 77.70 | --- | 29.80 | --- | 47.90 |
| WCW-13 | 09/18/01 | 77.70 | --- | 29.25 | --- | 48.45 |
| WCW-13 | 01/29/02 | 77.70 | --- | 29.40 | --- | 48.30 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 04/08/02 | 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 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | Top of Casing Elevation (feet amsl) | Depth to Product (feet btoc) | Depth to Water (feet btoc) | Apparent Product Thickness (feet) | Groundwater Elevation (feet amsl) |
|--------|----------|-------------------------------------|------------------------------|----------------------------|-----------------------------------|-----------------------------------|
| WCW-13 | 10/27/14 | 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-13 | 11/02/20 | 77.70 | --- | 38.52 | --- | 39.18 |
| WCW-13 | 05/03/21 | 77.70 | --- | 38.64 | --- | 39.06 |
| WCW-13 | 11/01/21 | 77.70 | --- | 38.93 | --- | 38.77 |
| 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 |

Attachment C. Summary of Historical Groundwater Elevations – November 1996 through Present

Defense Fuel Support Point, Norwalk, California

| Well | Date | 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 | 10/07/13 | 78.81 | --- | 33.41 | --- | 45.40 |
| WCW-14 | 04/14/14 | 78.81 | --- | 34.01 | --- | 44.80 |
| WCW-14 | 10/27/14 | 78.81 | --- | 34.67 | --- | 44.14 |
| WCW-14 | 04/20/15 | 78.81 | --- | 35.09 | --- | 43.72 |
| WCW-14 | 10/19/15 | 78.81 | --- | 35.71 | --- | 43.10 |
| WCW-14 | 04/11/16 | 78.81 | --- | 36.22 | --- | 42.59 |
| WCW-14 | 10/03/16 | 78.81 | --- | 36.70 | --- | 42.11 |
| WCW-14 | 10/03/16 | 78.81 | --- | 36.70 | --- | 42.11 |
| WCW-14 | 04/17/17 | 78.81 | --- | 37.40 | --- | 41.41 |
| WCW-14 | 10/02/17 | 78.81 | --- | 37.60 | --- | 41.21 |
| WCW-14 | 04/16/18 | 78.81 | --- | 37.91 | --- | 40.90 |
| 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-14 | 11/02/20 | 78.81 | --- | 39.44 | --- | 39.37 |
| WCW-14 | 05/03/21 | 78.81 | --- | 39.67 | --- | 39.14 |
| WCW-14 | 11/01/21 | 78.81 | --- | 39.94 | --- | 38.87 |

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

Attachment D
Historical Analytical Results for
TPH, BTEX, 1,2-DCA, MTBE, TBA, DIPE, ETBE, and TAME

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-1 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 10/08/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 01/29/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 04/21/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 07/21/04 | 200 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- |
| EXP-1 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 11/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 05/03/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 09/19/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 12/05/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 05/02/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 05/02/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 08/29/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 11/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 02/20/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 04/16/08 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 08/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 10/15/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-1 | 02/24/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| EXP-1 | 04/20/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 07/20/09 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/19/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/19/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 01/11/10 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/12/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.44 J | <10 | <2 | <2 | <2 |
| EXP-1 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 07/12/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/04/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/04/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | 0.45 J | <10 | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-1 | 01/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 01/10/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/11/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 07/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 07/11/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/10/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 01/09/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 01/09/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/16/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 07/09/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 07/09/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/15/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/15/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 01/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 01/14/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/08/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/08/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/07/13 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/14/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/14/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/28/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/23/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/21/15 | <100 | --- | <100 | --- | --- | 0.73 | <0.50 | <0.50 | <1 | <0.50 | 2.2 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/13/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.7 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/07/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/07/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.7 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/20/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.81 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/20/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/04/17 | <50 | --- | 220 C | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 10/04/17 | <100 | --- | 260 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/25/17 | --- | --- | 230 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EXP-1 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/17/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-1 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 11/06/18 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-1 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-1 | 04/18/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-1 | 10/29/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-1 | 10/30/19 | <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 | <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-1 | 10/22/20 | <100 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-1 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-1 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-1 | 05/06/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-1 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-1 | 11/02/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-2 | 11/27/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <0.10 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-2 | 03/14/97 | <100 | --- | --- | --- | --- | <2 | <2 | <2 | <2 | --- | --- | --- | --- | --- | --- |
| EXP-2 | 03/14/97 | <50 | --- | 75 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- | --- | --- |
| EXP-2 | 03/14/97 | 72 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- | --- | --- |
| EXP-2 | 07/10/97 | <50 | --- | <50 | <50 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| EXP-2 | 01/09/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | 0.6 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | 1.5 | 1 | 10 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 05/07/99 | <500 | --- | <500 | --- | --- | 1.6 | 1.1 | <0.50 | 1.9 | <1 | 1.7 | --- | --- | --- | --- |
| EXP-2 | 05/26/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | --- | --- | --- | --- |
| EXP-2 | 07/21/99 | <50 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.83 | --- | --- | --- | --- |
| EXP-2 | 08/10/99 | <500 | --- | <1000 | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-2 | 09/23/99 | <300 | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-2 | 10/12/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-2 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 11/19/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 12/21/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 01/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 02/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 03/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 04/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 06/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 08/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | 0.9 | <0.50 | 0.8 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-2 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-2 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|------------|---------------------|---------------------|-------------|---------|--------------|------------|---------|-------------|--------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-2 | 01/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 01/10/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/11/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 07/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 07/11/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 10/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/10/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 01/09/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 01/09/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/16/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 07/09/12 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 07/09/12 | <100 | --- | --- | --- | 210 b | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | <2 | <2 | <2 |
| EXP-2 | 10/15/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/15/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 01/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 01/14/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/08/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/08/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 10/07/13 | <50 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/14/14 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/14/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 8.5 J | <2 | <2 | <2 |
| EXP-2 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/28/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/23/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| EXP-2 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/12/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/04/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/19/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 10/02/17 | <100 | --- | 150 | --- | --- | 1.4 | <0.50 | 5.4 | 1.8 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 10/03/17 | <50 | --- | <100X | --- | --- | 0.98 | <0.50 | 4.8 | 1.3 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 10/25/17 | --- | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 04/19/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/19/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 11/05/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.52 | <10 | <1 | <1 | <1 |
| EXP-2 | 11/05/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-2 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-2 | 04/18/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-2 | 10/29/19 | <50 | --- | 56 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-2 | 10/29/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| 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-2 | 10/22/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-2 | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-2 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.60 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-2 | 05/06/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-2 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.8 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-2 | 11/03/21 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 4.4 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-3 | 11/27/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-3 | 03/14/97 | <100 | --- | --- | --- | --- | <2 | <2 | <2 | <2 | --- | --- | --- | --- | --- | --- |
| EXP-3 | 03/14/97 | <50 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- | --- | --- |
| EXP-3 | 03/14/97 | <50 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- | --- | --- |
| EXP-3 | 07/10/97 | <50 | --- | <50 | <50 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| EXP-3 | 01/09/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/07/99 | --- | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.89 | --- | --- | --- | --- |
| EXP-3 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 08/10/99 | <500 | --- | <1000 | --- | --- | 4 | 6.2 | <1 | 3.4 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-3 | 09/23/99 | <300 | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-3 | 10/12/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-3 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/19/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 12/21/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 01/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 02/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 03/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 06/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 08/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | 0.5 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.60 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/07/01 | <300 | <100 | --- | --- | --- | 0.8 | 0.6 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/12/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <1 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-3 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-3 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 10/10/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 01/29/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/22/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 07/21/04 | 120 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 08/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/05/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 09/18/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 12/06/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 05/04/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 08/30/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/15/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 11/16/07 | <100 | 1500 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 02/07/08 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 02/20/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 04/16/08 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 08/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 10/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-3 | 10/15/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 02/24/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| EXP-3 | 04/22/09 | <100 | --- | --- | --- | <100 | <0.50 | 3.4 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-3 | 07/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-3 | 07/20/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 10/19/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 10/19/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-3 | 01/11/10 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| EXP-3 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-3 | 04/12/10 | --- | --- | --- | --- | <100 | 0.31 J | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-3 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-3 | 11/06/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-3 | 04/16/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-3 | 04/16/19 | <100 | --- | 120 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| EXP-3 | 10/29/19 | <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 | <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-3 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-3 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-3 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-3 | 05/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-3 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-3 | 11/02/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| EXP-4 | 02/03/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 05/06/99 | <500 | --- | <500 | --- | --- | 1.3 | 4.1 | <0.50 | 1.7 | <1 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 07/21/99 | <50 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 08/10/99 | <500 | --- | <1000 | --- | --- | 50 | 80 | 7.7 | 44 | 2.1 | 4.2 | --- | --- | --- | --- |
| EXP-4 | 09/23/99 | <300 | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-4 | 09/23/99 | <300 | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | 0.72 | 1.2 | --- | --- | --- | --- |
| EXP-4 | 10/12/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-4 | 11/19/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | --- | --- | --- | --- |
| EXP-4 | 12/21/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 01/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.5 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 02/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 03/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 04/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 06/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 08/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 09/18/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 09/20/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 05/01/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-4 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 07/20/09 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-4 | 10/19/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 05/24/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/17/12 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 10/08/13 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 10/28/14 | <50 | --- | 63 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 10/21/15 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-4 | 10/30/19 | <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-4 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-4 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-4 | 11/04/21 | <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 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/03/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 05/05/99 | <500 | --- | <500 | --- | --- | 7.6 | 3.9 | 1.4 | 7.4 | <1 | 140 | --- | --- | --- | --- |
| EXP-5 | 07/21/99 | <50 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 11 | --- | --- | --- | --- |
| EXP-5 | 08/10/99 | <500 | --- | <1000 | --- | --- | 21 | 37 | 4.3 | 22 | <0.50 | 2.4 | --- | --- | --- | --- |
| EXP-5 | 09/23/99 | <300 | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-5 | 10/12/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| EXP-5 | 11/19/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 12/21/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 01/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 03/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 04/20/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 06/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 08/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-5 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 01/29/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 04/21/04 | <50 | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 07/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 08/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 09/19/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 05/03/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 08/28/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 11/15/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/20/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 08/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 10/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| EXP-5 | 02/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| EXP-5 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 07/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/19/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 07/12/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/04/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 01/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 07/11/11 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 01/09/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 07/09/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 01/14/13 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| EXP-5 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| EXP-5 | 10/30/19 | <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 |
| EXP-5 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-5 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| EXP-5 | 11/04/21 | <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 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <1 | <1 | <1 |
| GB-21 | 01/24/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | 140 | <1 | <1 | <1 |
| GB-22 | 01/21/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <1 | <1 | <1 |
| GB-22 | 01/21/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | 110 | <1 | <1 | <1 |
| GB-23 | 01/21/11 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | 2400 | <1 | <1 | <1 |
| GB-23 | 01/21/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <1 | <1 | <1 |
| GMW-1 | 11/27/96 | --- | --- | --- | --- | --- | 13000 | 11000 | 2700 | 14300 | <50 | <500 | --- | --- | --- | --- |
| GMW-1 | 07/17/97 | 68000 | --- | 6900 | --- | --- | 10000 | 5500 | 2500 | 11500 | <30 | <300 | --- | --- | --- | --- |
| GMW-1 | 01/09/98 | 5800 | --- | 4500 | --- | --- | 5600 | 590 | 1200 | 4570 | <30 | <300 | --- | --- | --- | --- |
| GMW-1 | 05/27/98 | 19600 | --- | --- | --- | --- | 4360 | 466 | 930 | 2279 | <0.50 | 101 | --- | --- | --- | --- |
| GMW-1 | 11/17/98 | 4260 | 32200 | --- | --- | --- | 950 | 150 | 360 | 320 | <50 | <50 | --- | --- | --- | --- |
| GMW-1 | 05/05/99 | <500 | --- | <500 | --- | --- | 1.9 | 8.4 | 0.58 | 2.9 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-1 | 11/17/99 | 23000 | 25000 | --- | --- | --- | 4700 | 440 | 1100 | 4040 | <5 | 71 | --- | --- | --- | --- |
| GMW-1 | 05/16/00 | 14000 | 16000 | --- | --- | --- | 3100 | 40 | 720 | 2300 | <25 | 50 | --- | --- | --- | --- |
| GMW-1 | 11/30/00 | 14000 | 28000 | --- | --- | --- | 2700 | 80 | 1000 | 1780 | <0.50 | 33 | --- | --- | --- | --- |
| GMW-1 | 05/09/01 | 1000 | 18000 | --- | --- | --- | 1900 | <13 | 530 | 468 | <13 | <13 | --- | --- | --- | --- |
| GMW-1 | 11/06/01 | 11000 | 18000 | --- | --- | --- | 2900 | 35 | 1300 | 280 | <0.50 | 27 | --- | --- | --- | --- |
| GMW-1 | 04/10/02 | 7600 | 13000 | --- | --- | --- | 2000 | 26 | 740 | 295 | <10 | 18 | --- | --- | --- | --- |
| GMW-1 | 10/23/02 | 830 | 8400 | --- | --- | --- | 1300 | <5 | 330 | 111 | <5 | 17 | --- | --- | --- | --- |
| GMW-1 | 03/11/03 | 340 | 390 | --- | --- | --- | 130 | <0.50 | 30 | 6.05 | <0.50 | 0.68 | --- | --- | --- | --- |
| GMW-1 | 04/08/03 | 4500 | 2100 | --- | --- | --- | 2200 | <10 | 240 | 142 | <20 | 25 | --- | --- | --- | --- |
| GMW-1 | 08/01/03 | 4000 | 2100 | --- | --- | --- | 1600 | 11 | 360 | 172 | <20 | 14 | --- | --- | --- | --- |
| GMW-1 | 10/06/03 | 7400 | 2500 | --- | --- | --- | 2200 | 12 | 520 | 196 | <20 | 13 | --- | --- | --- | --- |
| GMW-1 | 01/27/04 | 4400 | 2200 | --- | --- | --- | 1500 | 5.7 | 180 | 200 | <10 | 12 | --- | --- | --- | --- |
| GMW-1 | 04/22/04 | 9100 | 5200 | --- | --- | --- | 3200 | <20 | 270 | 160 | <40 | <20 | --- | --- | --- | --- |
| GMW-1 | 07/19/04 | 6000 | 1800 | --- | --- | --- | 2100 | <10 | 90 | 70 | <20 | 20 | --- | --- | --- | --- |
| GMW-1 | 11/03/04 | 7900 | 3700 | --- | --- | --- | 3500 | <10 | 88 | 35 | <20 | 18 | --- | --- | --- | --- |
| GMW-1 | 02/02/05 | 2100 | 1500 | --- | --- | --- | 1100 | <5 | 18 | 29 | <10 | 12 | --- | --- | --- | --- |
| GMW-1 | 05/06/05 | <200 | 320 | --- | --- | --- | 1.2 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| GMW-1 | 08/01/05 | <500 | 1100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-1 | 11/02/05 | <500 | 1400 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-1 | 02/27/06 | <1000 | 1600 | --- | --- | --- | <5 | <5 | <5 | <5 | <10 | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-1 | 05/04/06 | <500 | 1600 | --- | --- | --- | 4 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-1 | 09/18/06 | <500 | 1300 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-1 | 12/06/06 | <500 | 4500 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-1 | 03/13/07 | <1000 | 2000 | --- | --- | --- | <5 | <5 | <5 | <5 | <10 | <5 | --- | --- | --- | --- |
| GMW-1 | 05/04/07 | <50 | 1500 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-1 | 08/30/07 | 520 | 910 | --- | --- | --- | <1.5 | <1.5 | <1.5 | <1.5 | <3 | <1.5 | --- | --- | --- | --- |
| GMW-1 | 11/14/07 | 140 | 430 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-1 | 02/20/08 | <200 | 690 | --- | --- | --- | 41 | <1 | 4.9 | 4.8 | <2 | <1 | --- | --- | --- | --- |
| GMW-1 | 04/16/08 | <200 | 1200 | --- | --- | --- | 14 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| GMW-1 | 10/17/08 | 1600 | 2900 | --- | --- | --- | 52 | 1.6 | 58 | 250 | <2 | <1 | --- | --- | --- | --- |
| GMW-1 | 04/20/09 | 600 | 2400 | --- | --- | --- | 63 | 1.2 | 25 | 15.7 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 10/22/09 | 330 | 1900 | --- | --- | --- | 1.5 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 05/27/10 | 900 | 1900 | --- | --- | --- | 55 | 4.9 | 46 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 10/07/10 | 400 | <1700 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 04/14/11 | 230 | 1500 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 10/12/11 | 230 | 1700 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 04/19/12 | <200 | --- | 850 | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-1 | 10/17/12 | <500 | --- | 880 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| GMW-1 | 04/11/13 | <500 | --- | 470 | --- | --- | 2.8 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| GMW-1 | 10/10/13 | <200 | --- | 270 | --- | --- | <1 | <1 | <1 | <1 | <2 | 1.7 | 29 | <2 | <2 | <2 |
| GMW-1 | 04/16/14 | 89 | --- | 77 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | 11 | <1 | <1 | <1 |
| GMW-1 | 10/30/14 | 70 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.94 | <10 | <1 | <1 | <1 |
| GMW-1 | 04/23/15 | 58 | --- | 60 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 16 | <1 | <1 | <1 |
| GMW-1 | 10/23/15 | 110 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | 13 | <1 | <1 | <1 |
| GMW-1 | 03/15/16 | <50 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.85 | <10 | <1 | <1 | <1 |
| GMW-1 | 04/14/16 | 55 | --- | 70 | --- | --- | <0.50 | <0.50 | <0.50 | 7.7 | <0.50 | 2.9 | 22 | <1 | <1 | <1 |
| GMW-1 | 06/29/16 | <50 | --- | 69 | --- | --- | <0.50 | <0.50 | <0.50 | 2.3 | <0.50 | 2.9 | 16 | <1 | <1 | <1 |
| GMW-1 | 08/23/16 | <50 | --- | 68 | --- | --- | 0.09 | 0.11 | 0.19 | 1.4 | <0.50 | 1.8 | 12 | 0.12 | <1 | 0.19 |
| GMW-1 | 10/06/16 | 57 | --- | 150 | --- | --- | 0.56 | <0.50 | <0.50 | 2.9 | <0.50 | 2 | 13 | <1 | <1 | <1 |
| GMW-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-2 | 11/21/96 | --- | --- | --- | --- | --- | 6500 | 44 | 700 | 960 | <30 | 4800 | --- | --- | --- | --- |
| GMW-2 | 07/15/97 | 350 | --- | <500 | --- | --- | 59 | 1.2 | 41 | 20 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-2 | 01/08/98 | <100 | --- | <500 | --- | --- | 4.1 | 0.79 | 1.1 | 1.1 | 2.7 | 220 | --- | --- | --- | --- |
| GMW-2 | 05/27/98 | <300 | --- | --- | --- | --- | <0.50 | 58 | 0.8 | 0.5 | <0.50 | 21 | --- | --- | --- | --- |
| GMW-2 | 11/17/98 | <300 | <100 | --- | --- | --- | 0.88 | 2.1 | 0.9 | 4.8 | <0.50 | 4.4 | --- | --- | --- | --- |
| GMW-2 | 05/07/99 | <500 | --- | <500 | --- | --- | 8.2 | <0.50 | <0.50 | 0.94 | <1 | 42 | --- | --- | --- | --- |
| GMW-2 | 11/17/99 | <300 | <100 | --- | --- | --- | 0.7 | <0.50 | <0.50 | <0.50 | <0.50 | 66 | --- | --- | --- | --- |
| GMW-2 | 05/16/00 | <300 | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | <0.50 | --- | --- | --- | --- |
| GMW-2 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 140 | --- | --- | --- | --- |
| GMW-2 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | 51 | --- | --- | --- | --- |
| GMW-2 | 11/06/01 | <300 | <100 | --- | --- | --- | 7.8 | <0.50 | <0.50 | 0.7 | 1.2 | 140 | --- | --- | --- | --- |
| GMW-2 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 240 | --- | --- | --- | --- |
| GMW-2 | 10/23/02 | <300 | 240 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 260 | --- | --- | --- | --- |
| GMW-2 | 10/07/03 | 91 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 81 | --- | --- | --- | --- |
| GMW-2 | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-2 | 05/09/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.2 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-2 | 05/02/07 | 160 | 110 | --- | --- | --- | 73 | <0.50 | <0.50 | 2.3 | <1 | 5.8 | --- | --- | --- | --- |
| GMW-2 | 04/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-2 | 04/20/09 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-2 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 11/25/96 | --- | --- | --- | --- | --- | <5 | <5 | <0.50 | <1.5 | <5 | <5 | --- | --- | --- | --- |
| GMW-3 | 07/11/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-3 | 01/05/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-3 | 05/26/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.9 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/11/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| GMW-3 | 05/07/99 | <500 | --- | <500 | --- | --- | 1.1 | 4.4 | <0.50 | 1.9 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | --- | --- | --- | --- |
| GMW-3 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.96 | --- | --- | --- | --- |
| GMW-3 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 01/27/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/03/05 | 120 | 710 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 11/14/07 | <200 | 1800 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| GMW-3 | 04/16/08 | <100 | 220 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 04/16/08 | <100 | 750 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-3 | 10/14/08 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-3 | 04/20/09 | <50 | <100 | --- | --- | --- | 0.63 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 06/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.52 | <10 | <1 | <1 | <1 |
| GMW-3 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-3 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-3 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-4 | 07/15/97 | 1300 | --- | 2100 | --- | --- | 38 | <0.50 | 35 | 45 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-4 | 01/08/98 | 380 | --- | 530 | --- | --- | 14 | 1.2 | 12 | 18.8 | 1.6 | <5 | --- | --- | --- | --- |
| GMW-4 | 05/26/98 | 2300 | --- | --- | --- | --- | 42 | <0.30 | 69 | 87 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-4 | 11/18/99 | 1600 | 4100 | --- | --- | --- | 67 | <0.50 | 51 | 24.1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-4 | 05/19/00 | 2500 | 3400 | --- | --- | --- | 48 | 0.5 | 29 | 36.9 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-4 | 04/10/03 | 500 | 1100 | --- | --- | --- | 8 | <0.50 | 8.2 | 26 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-4 | 05/04/07 | 2000 | 13000 | --- | --- | --- | 110 | <1 | 27 | 12.1 | <2 | <1 | --- | --- | --- | --- |
| GMW-4 | 04/16/08 | 16000 | 14000 | --- | --- | --- | 270 | <2.5 | 110 | 157 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-4 | 04/17/08 | 4400 | 40000 | --- | --- | --- | 290 | <5 | 89 | 102 | <10 | <5 | --- | --- | --- | --- |
| GMW-4 | 11/21/08 | 4900 | 16000 | --- | --- | --- | 260 | <2.5 | 45 | 27.9 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-4 | 04/23/09 | 2500 | 9500 | --- | --- | --- | 120 | <0.50 | 12 | 8.6 | <1 | 3.9 | <10 | <1 | <1 | <1 |
| GMW-4 | 05/27/10 | 2200 | 6100 | --- | --- | --- | 170 | 1.1 | 6.3 | 10 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-4 | 10/05/10 | 1300 | <15000 | --- | --- | --- | 8.2 | <1 | 2.8 | 2.2 | <2 | 3.2 | 22 | <2 | <2 | <2 |
| GMW-4 | 04/14/11 | 2800 | 24000 | --- | --- | --- | 130 | <1 | 2 | 3.4 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-4 | 10/12/11 | 1200 | 4200 | --- | --- | --- | 62 | <1 | 1.4 | <1 | <2 | 3.8 | <20 | <2 | <2 | <2 |
| GMW-4 | 04/20/12 | 4600 | --- | 25000 | --- | --- | 170 | <10 | <10 | <10 | <20 | <10 | <200 | <20 | <20 | <20 |
| GMW-4 | 10/19/12 | 1300 | --- | 8100 | --- | --- | 36 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| GMW-4 | 04/12/13 | 2100 | --- | 8000 | --- | --- | 56 | <4 | <4 | <4 | <8 | <4 | <80 | <8 | <8 | <8 |
| GMW-4 | 10/11/13 | 1800 | --- | 2400 | --- | --- | 24 | <0.50 | 1.1 | 1.7 | <1 | 2.2 | <10 | <1 | <1 | <1 |
| GMW-5 | 11/27/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 07/11/97 | <50 | --- | <50 | <50 | --- | <0.50 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 05/18/98 | --- | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-5 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-5 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-5 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-5 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-5 | 10/08/13 | <100 | --- | 120 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-5 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-5 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-5 | 04/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-6 | 11/27/96 | 5300 | --- | <500 | <500 | --- | 330 | <12 | 320 | 300 | --- | --- | --- | --- | --- | --- |
| GMW-6 | 07/09/97 | <50 | --- | <50 | <50 | --- | 2.7 | <1 | 1.4 | <2 | <5 | --- | --- | --- | --- | --- |
| GMW-6 | 01/07/98 | <500 | --- | <100 | <100 | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-6 | 05/21/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-6 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-6 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-6 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-6 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-6 | 11/29/00 | <300 | 550 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------------|-------------|---------------|---------------------|---------------------|---------------|-------------|---------------|------------|---------|---------------|------------|------|------|---------------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-6 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 04/10/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-6 | 10/08/03 | --- | 130 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 04/22/04 | --- | <100 | --- | --- | --- | 0.41 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 11/06/04 | --- | 4100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 05/06/05 | --- | <100 | --- | --- | --- | <0.30 | 0.46 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 11/08/05 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 05/03/06 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 1.3 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 05/02/07 | --- | <100 | --- | --- | --- | 0.58 | 0.54 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 08/31/07 | 3400 | 1100 | --- | --- | --- | 400 | 96 | 45 | 188 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-6 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 11/15/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/16/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-6 | 10/15/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | 43 | --- | --- | --- | --- |
| GMW-6 | 07/21/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/20/09 | --- | --- | --- | --- | 110 | 1.5 | <0.50 | <0.50 | <0.50 | <0.50 | 350 | <10 | <2 | <2 | 0.51 J |
| GMW-6 | 04/12/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | 7.2 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/05/10 | --- | --- | --- | --- | 170 | 0.35 J | --- | --- | --- | <0.50 | 130 | 210 | --- | --- | --- |
| GMW-6 | 02/24/11 | <50 | 120 | --- | --- | --- | 0.53 | <0.50 | <0.50 | <0.50 | <0.50 | 9.6 | 120 | <1 | <1 | <1 |
| GMW-6 | 04/13/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/10/11 | --- | --- | --- | --- | 290 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 220 | <2 | <2 | <2 |
| GMW-6 | 04/19/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.34 J | <10 | <2 | <2 | <2 |
| GMW-6 | 10/15/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | 0.17 J | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/10/13 | --- | --- | 110 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.44 J | <10 | <2 | <2 | <2 |
| GMW-6 | 10/08/13 | <100 | --- | 250 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | 57 | <2 | <2 | <2 |
| GMW-6 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/27/14 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/28/15 | <100 | --- | <100 | --- | --- | 1.2 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/12/16 | <100 | --- | <100 | --- | --- | 0.89 | <0.50 | 2.3 | 7.6 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/07/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/03/17 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/17/18 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 11/09/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 04/16/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-6 | 10/29/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-6 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-6 | 05/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-6 | 11/03/21 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-7 | 05/21/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-7 | 12/01/00 | 520000 | 370000 | --- | --- | --- | 4800 | 970 | 620 | 12000 | --- | <2500 | --- | --- | --- | --- |
| GMW-7 | 04/30/15 | 610 | --- | 28000 | --- | --- | 8.1 | <0.50 | <0.50 | <1 | <0.50 | <2 | 15 | <2 | <2 | <2 |
| GMW-7 | 10/11/16 | 560 | --- | 2000 | --- | --- | 7.5 | <0.50 | <0.50 | <1 | <0.50 | 1.4 | 47 | <2 | <2 | <2 |
| GMW-7 | 10/10/17 | 240 | --- | 1400 | --- | --- | 2.2 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-7 | 04/20/18 | 150 | --- | 4800 J | --- | --- | 1.6 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-7 | 11/12/18 | 410 | --- | 5600 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-7 | 04/22/19 | 150 | --- | 3900 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | 31 | <2 | <2 | <2 |
| GMW-7 | 11/06/19 | 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 | 360 | --- | 5100 | --- | --- | 9.1 | <0.50 | 0.51 | <1.0 | <0.50 | 1.3 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-7 | 10/26/20 | 530 | --- | 2300 | --- | --- | 150 J | 0.54 J | 1.3 J | <1.0 | <0.50 | 1.8 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-7 | 05/12/21 | 710 | --- | 4700 | --- | --- | 100 | <1.0 | 2.5 | <2.0 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 |
| GMW-7 | 11/08/21 | 520 | --- | 5900 | --- | --- | 34 | 0.64 | 1.9 | 0.79 | <0.50 | 4.0 | 54 | <2.0 | <2.0 | <2.0 |
| GMW-8 | 11/21/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 12 | <5 | --- | --- | --- | --- |
| GMW-8 | 07/11/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.7 | <5 | --- | --- | --- | --- |
| GMW-8 | 01/02/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 5 | <5 | --- | --- | --- | --- |
| GMW-8 | 05/26/98 | --- | --- | --- | --- | --- | <0.30 | <0.30 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 11/06/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.6 | <0.90 | --- | --- | --- | --- |
| GMW-8 | 05/05/99 | <500 | --- | <500 | --- | --- | 2 | 7.2 | 0.57 | 3 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | 1.7 | <0.50 | 0.51 | 4.4 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.6 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 05/19/00 | <300 | 380 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 15 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 11/29/00 | <300 | 780 | --- | --- | --- | 1 | 0.9 | <0.50 | 1.5 | 10 | 2.9 | --- | --- | --- | --- |
| GMW-8 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 2.4 | --- | --- | --- | --- |
| GMW-8 | 10/24/02 | <300 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.62 | --- | --- | --- | --- |
| GMW-8 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.52 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 11/05/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 11/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 05/03/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.78 | --- | --- | --- | --- |
| GMW-8 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.6 | --- | --- | --- | --- |
| GMW-8 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.5 | --- | --- | --- | --- |
| GMW-8 | 11/14/07 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 04/17/08 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 10/21/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-8 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 10/19/09 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | <1 | <1 | <1 |
| GMW-8 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 06/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 0.59 | <10 | <1 | <1 | <1 |
| GMW-8 | 04/15/14 | <100 | --- | 93 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.5 | 0.8 | <10 | <1 | <1 | <1 |
| GMW-8 | 10/29/14 | <100 | --- | 65 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | 1.1 | <10 | <1 | <1 | <1 |
| GMW-8 | 04/22/15 | <50 | --- | 60 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | 1.7 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-8 | 10/22/15 | <50 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.6 | 1.5 | <10 | <1 | <1 | <1 |
| GMW-8 | 04/15/16 | <50 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.3 | 1.4 | <10 | <1 | <1 | <1 |
| GMW-8 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | 0.55 | <10 | <1 | <1 | <1 |
| GMW-8 | 04/18/17 | <50 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 10/05/17 | <50 | --- | 270 L | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 04/19/18 | <50 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 11/08/18 | <50 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 04/19/19 | <50 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-8 | 10/29/19 | <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 | <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-8 | 11/05/20 | <50 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-8 | 05/06/21 | <50 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-8 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-9 | 10/07/10 | 6800 | 7200 | --- | --- | --- | 890 | 62 | 120 | 650 | <10 | 56 | 1600 | 44 | <10 | <10 |
| GMW-9 | 04/13/11 | 54000 | 21000 | --- | --- | --- | 20000 | 290 | 970 | 3800 | <200 | 3600 | <2000 | <200 | <200 | <200 |
| GMW-9 | 10/13/11 | 61000 | 7600 | --- | --- | --- | 18000 | 6500 | 760 | 3400 | <200 | 2100 | <2000 | <200 | <200 | <200 |
| GMW-9 | 08/23/16 | 94 | --- | 1700 | --- | --- | 0.71 | <0.50 | <0.50 | 3.4 | <0.50 | 2.3 | 80 | 4.7 | <1 | <1 |
| GMW-9 | 10/06/16 | 67 | --- | 140 | --- | --- | 4.6 | <0.50 | <0.50 | <0.50 | 0.64 | 0.84 | 110 | 13 | <1 | <1 |
| GMW-9 | 04/21/17 | 750 | --- | 760 | --- | --- | 9.2 | 0.98 | 0.71 | 20 | <1 | 1.9 | 18 | 5.5 | <1 | <1 |
| GMW-9 | 10/05/17 | <50 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.56 | 0.62 | 83 | 4.7 | <1 | <1 |
| GMW-9 | 05/15/18 | <50 | --- | 290 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 34 | 4.4 | <1 | <1 |
| GMW-9 | 11/08/18 | <50 | --- | 53 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.52 | 40 | 3.1 | <1 | <1 |
| GMW-9 | 04/23/19 | 290 | --- | 59 | --- | --- | <0.50 | <0.50 | <0.50 | 2.1 | <0.50 | 0.72 | 4900 | <1 | <1 | <1 |
| GMW-9 | 11/01/19 | <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 | <50 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.55 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-9 | 11/06/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-9 | 05/06/21 | <50 | --- | 83 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-9 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-10 | 10/08/10 | 4800 | 36000 | --- | --- | --- | 360 | <2.5 | 87 | 14 | <5 | <2.5 | 120 | <5 | <5 | <5 |
| GMW-10 | 04/14/11 | 5700 | 31000 | --- | --- | --- | 370 | 2 | 93 | 7.9 | <3 | <1.5 | 100 | <3 | <3 | <3 |
| GMW-10 | 10/14/11 | 3700 | 11000 | --- | --- | --- | 580 | 3.3 | 75 | 7.8 | <5 | <2.5 | 590 | <5 | <5 | <5 |
| GMW-10 | 04/27/12 | 3000 | --- | 3100 | --- | --- | 360 | <2 | 15 | 3.2 | <4 | <2 | 79 | <4 | <4 | <4 |
| GMW-10 | 10/19/12 | 10000 | --- | 7500 | --- | --- | 1300 | 380 | 270 | 1400 | <10 | <5 | <100 | <10 | <10 | <10 |
| GMW-10 | 04/12/13 | 14000 | --- | 100000 | --- | --- | 210 | 65 | 48 | 310 | <20 | <10 | <200 | <20 | <20 | <20 |
| GMW-10 | 10/11/13 | 13000 | --- | 9500 | --- | --- | 1100 | 800 | 350 | 1900 | <20 | <10 | <200 | <20 | <20 | <20 |
| GMW-10 | 10/28/15 | 27000 | --- | 41000 | --- | --- | 1100 | 2400 | 730 | 3800 | <20 | <10 | <200 | <20 | <20 | <20 |
| GMW-10 | 02/24/21 | <500 | --- | 39000 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5.0 | <2.5 | <50 | <5.0 | <5.0 | <5.0 |
| GMW-10 | 05/06/21 | <500 | --- | 19000 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5.0 | <2.5 | <50 | <5.0 | <5.0 | <5.0 |
| GMW-10 | 08/31/21 | 200 | --- | 15000 | --- | --- | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <20 | <2.0 | <2.0 | <2.0 |
| GMW-10 | 11/03/21 | 200 | --- | 4500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 0.58 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-10 | 03/10/22 | <200 | --- | 2900 | --- | --- | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <20 | <2.0 | <2.0 | <2.0 |
| GMW-11 | 11/21/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-11 | 07/10/97 | 220 | --- | 2500 | --- | --- | <0.50 | 4 | 0.9 | <0.50 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-11 | 01/07/98 | 4000 | --- | 220000 | --- | --- | <0.50 | <0.50 | <0.50 | 1.6 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-11 | 05/20/98 | 42400 | --- | --- | --- | --- | <0.30 | <0.30 | <25 | <50 | <2.5 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-11 | 11/17/98 | 6230 | 146000 | --- | --- | --- | <5 | 6 | <5 | 11 | <5 | 24 | --- | --- | --- | --- |
| GMW-11 | 05/07/99 | 1900 | --- | 1900 | --- | --- | 0.61 | 2.1 | <0.50 | 0.62 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 11/16/99 | 1200 | 25000 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 05/19/00 | 790 | 1900 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 11/30/00 | 1600 | 4100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 05/10/01 | <300 | 670 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 11/07/01 | <300 | 560 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-11 | 04/15/16 | <100 | --- | 440 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 11/27/96 | 99 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| GMW-12 | 07/10/97 | 110 | --- | 8600 | <7500 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| GMW-12 | 01/06/98 | <500 | --- | 1000 | <100 | --- | <0.50 | 1.6 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 11/05/98 | <300 | 433 | --- | --- | --- | 4.5 | <0.50 | 3 | 1.7 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 05/27/99 | <300 | 937 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 11/18/99 | <300 | 4900 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 05/17/00 | <300 | 2200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 11/30/00 | <300 | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 05/09/01 | <300 | 2100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 11/07/01 | <300 | 2700 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 04/11/02 | <300 | 1900 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 10/23/02 | <300 | 1700 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| GMW-12 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 04/14/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 10/10/03 | <100 | 2900 | --- | --- | --- | <0.50 | <0.50 | 0.56 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-12 | 04/21/04 | <100 | 2000 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.62 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 11/04/04 | <100 | 2600 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 05/06/05 | <100 | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 11/08/05 | <100 | 270 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 05/04/06 | <100 | 450 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 12/08/06 | <100 | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 05/04/07 | <100 | 440 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 11/16/07 | --- | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/18/08 | <100 | 480 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/16/08 | <100 | --- | --- | --- | --- | 310 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/23/09 | <100 | --- | --- | --- | --- | 630 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/20/09 | <100 | --- | --- | --- | --- | 480 | <0.50 | <0.50 | <0.50 | <0.50 | 0.49 J | <10 | <2 | <2 | <2 |
| GMW-12 | 04/15/10 | --- | --- | --- | --- | --- | 400 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <10 | <2 | <2 | <2 |
| GMW-12 | 10/08/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | 3.6 J | --- | --- | --- |
| GMW-12 | 04/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/15/12 | --- | --- | --- | --- | 280 b | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/09/13 | --- | --- | 650 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/08/13 | <100 | --- | 700 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/16/14 | <100 | --- | 1200 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-12 | 10/29/14 | <100 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/28/15 | <100 | --- | 960 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/10/16 | <100 | --- | 1400 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/21/17 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/04/17 | <100 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/23/18 | <100 | --- | 1000 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 11/12/18 | <100 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 04/19/19 | <100 | --- | 780 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-12 | 10/30/19 | <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 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-12 | 10/22/20 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-12 | 05/06/21 | <100 | --- | 400 | --- | --- | 0.72 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-12 | 11/08/21 | <100 | --- | 790 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-13 | 11/21/96 | --- | --- | --- | --- | --- | 3.2 | <0.50 | 0.73 | 1.2 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-13 | 07/10/97 | 1300 | --- | 5600 | --- | --- | 1.6 | 3.5 | 0.93 | 2.35 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-13 | 01/08/98 | <100 | --- | <500 | --- | --- | 1.9 | 1.6 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-13 | 05/20/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <25 | 0.8 | <2.5 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 11/12/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | --- | --- | --- | --- |
| GMW-13 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 02/01/02 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <1 | --- | --- | --- | --- |
| GMW-13 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | --- | --- | --- | --- |
| GMW-13 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-13 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/19/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/23/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 9.5 | <10 | 3.8 | <2 | <2 |
| GMW-13 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/13/11 | --- | --- | --- | --- | 130 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------------|-------------|-----------|---------------------|---------------------|------------|---------|--------------|-------------|-------------|------------|-----------|------|------|---------------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-13 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/18/18 | <50 | --- | 88 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-13 | 10/30/19 | <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 | <50 | --- | 74 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-13 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-13 | 05/04/21 | <50 | --- | 51 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-13 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-14 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 04/22/04 | 59 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 03/08/06 | 520 | 2000 | --- | --- | --- | 2.6 | <0.50 | <0.50 | <0.50 | 0.64 | 4 | 21 | <2 | <2 | <2 |
| GMW-14 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 11/14/07 | 1500 | 2100 | --- | --- | --- | <2.5 | <2.5 | 34 | 3 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-14 | 04/16/08 | 440 | 850 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 07/29/08 | 210 | 810 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | 18 | <2 | <2 | <2 |
| GMW-14 | 10/17/08 | 210 | 420 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-14 | 04/23/09 | 120 | 580 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 10/22/09 | 130 | 740 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | <1 | <1 | <1 |
| GMW-14 | 04/16/10 | --- | --- | --- | --- | 1500 | 160 | <0.50 | 2.6 | 2.95 | <0.50 | 13 | 15 | <2 | <2 | 0.79 J |
| GMW-14 | 10/07/10 | 160 | <620 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 04/13/11 | <100 | 310 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-14 | 10/12/11 | 58 | 600 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 04/19/12 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 10/17/12 | <50 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 04/11/13 | <50 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 10/10/13 | <50 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.64 | 16 | <1 | <1 | <1 |
| GMW-14 | 10/30/14 | <100 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.83 | 17 | <1 | <1 | <1 |
| GMW-14R | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.68 | <10 | <1 | <1 | <1 |
| GMW-14R | 10/05/17 | <50 | --- | 71 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14R | 04/19/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.76 | <10 | <1 | <1 | <1 |
| GMW-14R | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14R | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-14R | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-14R | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-14R | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-14R | 05/10/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-14R | 11/02/21 | <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 | 1300 | --- | --- | --- | --- | 3.9 | <0.30 | 7.4 | 6.4 | --- | --- | --- | --- | --- | --- |
| GMW-15 | 11/05/98 | 512 | 1170 | --- | --- | --- | 1.8 | <0.30 | 3.7 | 1 | --- | --- | --- | --- | --- | --- |
| GMW-15 | 05/27/99 | 634 | 18600 | --- | --- | --- | 2.5 | <0.30 | 5.3 | 2 | --- | --- | --- | --- | --- | --- |
| GMW-15 | 11/18/99 | <300 | 3400 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-15 | 05/16/00 | 610 | 11000 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-15 | 12/01/00 | 450 | 4000 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 11/07/01 | <300 | 13000 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 04/10/02 | 1900 | 18000 | --- | --- | --- | 1.2 | <0.30 | 1.6 | 3.8 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 10/23/02 | 840 | 16000 | --- | --- | --- | 0.58 | <0.30 | 0.72 | 1.5 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 04/10/03 | --- | 5060 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-15 | 10/08/03 | --- | 11000 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 04/22/04 | --- | 4200 | --- | --- | --- | 0.7 | <0.30 | <0.30 | 0.47 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 11/06/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 05/06/05 | --- | 670 | --- | --- | --- | <0.30 | 0.47 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 11/08/05 | --- | 200 | --- | --- | --- | <0.30 | 0.31 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 05/03/06 | --- | 330 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 12/08/06 | --- | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 05/02/07 | --- | 710 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 1.2 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 05/02/07 | --- | 740 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 11/14/07 | --- | 890 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 04/16/08 | --- | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-15 | 10/15/08 | --- | --- | --- | --- | 1400 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | <2 |
| GMW-15 | 04/21/09 | 180 | --- | --- | --- | 3600 | <0.50 | <0.50 | <0.50 | <0.50 | --- | 5.4 | --- | --- | --- | --- |
| GMW-15 | 10/20/09 | --- | --- | --- | --- | 4900 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | 4.5 J | <2 | <2 | <2 |
| GMW-15 | 04/15/10 | --- | --- | --- | --- | 760 | <0.50 | <0.50 | <0.50 | <0.50 | --- | 5.7 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/05/10 | --- | --- | --- | --- | 230 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-15 | 04/14/11 | --- | --- | --- | --- | 210 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-15 | 10/10/11 | --- | --- | --- | --- | 170 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/19/12 | --- | --- | --- | --- | 1600 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/15/12 | --- | --- | --- | --- | 460 b | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 12 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/10/13 | --- | --- | 6200 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/08/13 | 350 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 | 250 HD | --- | 2700 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/30/14 | <100 | --- | 1900 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/28/15 | <100 | --- | 1500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/23/15 | <100 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/14/16 | <100 | --- | 3700 | --- | --- | 0.56 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/10/16 | <100 | --- | 2400 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/21/17 | <100 | --- | 1600 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 10/05/17 | <100 | --- | 2000 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/20/18 | <100 | --- | 3400 J | --- | --- | 0.97 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 11/12/18 | <100 | --- | 4200 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 04/19/19 | <100 | --- | 2200 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-15 | 11/06/19 | <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 | <100 | --- | 220 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-15 | 10/23/20 | <100J | --- | 720 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-15 | 05/07/21 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-15 | 11/03/21 | <100 | --- | 330 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-16 | 11/21/96 | <38 | --- | <500 | <500 | --- | <0.50 | <0.50 | 0.8 | <1.5 | <0.50 | --- | --- | --- | --- | --- |
| GMW-16 | 07/09/97 | <50 | --- | 110 | <50 | --- | 5.7 | <5 | 9.2 | 7.5 | <5 | <5 | --- | --- | --- | --- |
| GMW-16 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-16 | 05/20/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-16 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-16 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-16 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-16 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-16 | 11/29/00 | <300 | 140 | --- | --- | --- | 0.64 | 1.2 | 0.85 | 3.2 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | 9.1 | --- | --- | --- | --- |
| GMW-16 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 10/23/02 | <300 | 110 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 04/11/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-16 | 10/08/03 | --- | 310 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 04/22/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 11/06/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 0.59 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 05/06/05 | --- | <100 | --- | --- | --- | <0.30 | 0.58 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 11/08/05 | --- | <100 | --- | --- | --- | <0.30 | 0.48 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 05/03/06 | --- | 100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 12/06/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 05/02/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 04/16/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-16 | 10/15/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|---------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|-------|-------|-------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-16 | 04/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- |
| GMW-16 | 10/20/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/12/10 | --- | --- | --- | --- | 110 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 10/05/10 | --- | --- | --- | --- | 100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-16 | 10/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/18/12 | --- | --- | --- | --- | 130 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 10/15/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/10/13 | --- | --- | 190 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 10/08/13 | <100 | --- | 250 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/14/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-16 | 10/27/14 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/24/15 | <100 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/19/17 | <100 | --- | 660 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-16 | 10/05/17 | <100 | --- | 370 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/18/18 | <100 | --- | 290 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-16 | 11/09/18 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-16 | 04/18/19 | <100 | --- | 360 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-16 | 11/05/19 | <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 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-16 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-16 | 05/07/21 | <100 | --- | 240 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-16 | 11/05/21 | <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 | 6800 | 1500000 | --- | --- | --- | 52 | 25 | <15 | 330 | --- | <250 | --- | --- | --- | --- |
| GMW-17 | 10/24/02 | 49000 | 170000 | --- | --- | --- | 91 | <30 | <30 | 160 | --- | <500 | --- | --- | --- | --- |
| GMW-17 | 04/14/03 | --- | 10100 | --- | --- | --- | 572 | 5.55 | 75.1 | 367 | --- | <15 | --- | --- | --- | --- |
| GMW-17 | 10/10/03 | --- | 8700 | --- | --- | --- | 240 | 1.5 | 9.5 | 41 | --- | <10 | --- | --- | --- | --- |
| GMW-17 | 04/22/04 | --- | 2400 | --- | --- | --- | 540 | 4.6 | 24 | 190 | --- | 63 | --- | --- | --- | --- |
| GMW-17 | 11/06/04 | --- | 3000 | --- | --- | --- | 110 | <0.30 | 2.1 | 6.1 | --- | 19 | --- | --- | --- | --- |
| GMW-17 | 05/10/05 | --- | 760 | --- | --- | --- | 7.9 | 3.6 | <1.5 | 2.6 | --- | <25 | --- | --- | --- | --- |
| GMW-17 | 11/08/05 | --- | 290 | --- | --- | --- | 3.7 | <0.30 | 0.37 | 1.9 | --- | 7 | --- | --- | --- | --- |
| GMW-17 | 05/05/06 | --- | 1200 | --- | --- | --- | 3.7 | 2.2 | 1.6 | 4.5 | --- | <5 | --- | --- | --- | --- |
| GMW-17 | 12/08/06 | --- | 1400 | --- | --- | --- | 34 | <0.50 | 1.9 | 30 | --- | <5 | --- | --- | --- | --- |
| GMW-17 | 05/03/07 | --- | 12000 | --- | --- | --- | 9.1 | <0.50 | 0.92 | 9 | --- | 7.7 | --- | --- | --- | --- |
| GMW-17 | 11/14/07 | --- | 1200 | --- | --- | --- | 4.8 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-17 | 04/18/08 | --- | <100 | --- | --- | --- | 5.3 | <0.50 | 0.62 | 1.4 | --- | <5 | --- | --- | --- | --- |
| GMW-17 | 10/17/08 | --- | --- | --- | --- | 1600 | 2.6 | <0.50 | 0.57 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-17 | 04/22/09 | 450 | --- | --- | --- | 760 | 27 | <0.50 | 2.4 | <0.50 | --- | <0.50 | --- | <0.50 | <0.50 | <0.50 |
| GMW-17 | 10/20/09 | --- | --- | --- | --- | 2400 | 0.42 J | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 9.5 J | <2 | <2 | <2 |
| GMW-17 | 04/14/10 | 1200 | --- | --- | --- | 1900 | 59 | 0.34 J | 5.5 | 2 | --- | <0.50 | <10 | <2 | <2 | <2 |
| GMW-17 | 10/05/10 | 1200 | --- | --- | --- | 2000 | 79 | --- | --- | --- | <0.50 | <0.50 | 5.2 J | --- | --- | --- |
| GMW-17 | 04/15/11 | 750 | --- | --- | --- | 1200 | 13 | 0.55 | 4.6 | 0.82 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-17 | 10/10/11 | <1100 | --- | --- | --- | 1100 | 50 | <0.77 | 28 | 6.47 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-17 | 04/20/12 | 610 | --- | --- | --- | 2100 | 1.2 | <0.50 | 0.18 J | 0.71 J | <0.50 | <0.50 | 29 | <2 | <2 | <2 |
| GMW-17 | 04/12/13 | 1000 b | --- | 6700 | --- | --- | 55 | 1.1 | 1.2 | 13.7 | <0.50 | <0.50 | 31 | <2 | <2 | <2 |
| GMW-17 | 10/09/13 | 680 HD | --- | 4200 HD | --- | --- | 16 | 1.2 | 1.7 | 11.6 | <0.50 | 0.48 J | 30 | <2 | <2 | <2 |
| GMW-17 | 04/18/14 | 1400 HD | --- | 5700 HD | --- | --- | 38 | 1.9 | 2.3 | 21.1 | <0.50 | 0.42 J | 48 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|---------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|-------|-------|-------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-17 | 10/31/14 | 510 | --- | 2300 | --- | --- | 10 | 1.5 | <0.50 | 2.7 | <0.50 | <2 | 30 | <2 | <2 | <2 |
| GMW-17R | 10/09/17 | 640 | --- | 1200 | --- | --- | 64 | <0.50 | 5 | 2.9 | <0.50 | 2.5 | 19 | <2 | <2 | <2 |
| GMW-17R | 04/20/18 | 550 | --- | 1600 J | --- | --- | 63 | 0.69 | 0.78 | 19 | <0.50 | 3.7 | <10 | <2 | <2 | <2 |
| GMW-17R | 11/12/18 | 1300 | --- | 1600 | --- | --- | 46 | <0.50 | 1.4 | 41 | <0.50 | 2.6 | <10 | <2 | <2 | <2 |
| GMW-17R | 04/19/19 | <100 | --- | 220 | --- | --- | <0.50 | <0.50 | 2.7 | 15 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-17R | 10/31/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-17R | 10/20/20 | <100J | --- | <100J | --- | --- | <0.50J | <0.50J | <0.50J | <1.0J | <0.50J | <1.2J | <10J | <2.0J | <2.0J | <2.0J |
| GMW-17R | 05/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-17R | 11/02/21 | <100 | --- | 140 | --- | --- | 1.7 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-18 | 04/14/03 | --- | 1650000 | --- | --- | --- | 3410 | 3510 | 3070 | 17800 | --- | <150 | --- | --- | --- | --- |
| GMW-18 | 10/08/03 | --- | 170000 | --- | --- | --- | 2600 | 120 | 360 | 3100 | --- | <1000 | --- | --- | --- | --- |
| GMW-18 | 04/21/04 | --- | 45000 | --- | --- | --- | 2700 | <50 | 380 | 4288 | --- | <50 | --- | --- | --- | --- |
| GMW-18 | 11/04/04 | --- | 51000 | --- | --- | --- | 1300 | <3 | 220 | 2400 | --- | <50 | --- | --- | --- | --- |
| GMW-18 | 05/06/05 | --- | 5900 | --- | --- | --- | 1100 | 22 | 140 | 1200 | --- | <50 | --- | --- | --- | --- |
| GMW-18 | 11/08/05 | --- | 17000 | --- | --- | --- | 650 | 11 | 17 | 470 | --- | <100 | --- | --- | --- | --- |
| GMW-18 | 05/04/06 | --- | 19000 | --- | --- | --- | 200 | 1.9 | 15 | 100 | --- | 6.9 | --- | --- | --- | --- |
| GMW-18 | 12/08/06 | --- | 6800 | --- | --- | --- | 320 | <0.50 | 25 | 190 | --- | 11 | --- | --- | --- | --- |
| GMW-18 | 05/03/07 | --- | 10000 | --- | --- | --- | 200 | <2.5 | 13 | 56 | --- | <25 | --- | --- | --- | --- |
| GMW-18 | 11/15/07 | --- | 1900 | --- | --- | --- | 160 | <0.50 | 4.1 | 26 | --- | 5.5 | --- | --- | --- | --- |
| GMW-18 | 04/17/08 | --- | 3400 | --- | --- | --- | 180 | 0.87 | 13 | 100 | --- | 6.7 | --- | --- | --- | --- |
| GMW-18 | 10/16/08 | --- | --- | --- | --- | 2800 | 33 | <0.50 | 2.2 | 10.64 | <0.50 | 4.7 | 12 | <2 | <2 | <2 |
| GMW-18 | 04/23/09 | 880 | --- | --- | --- | 1100 | 60 | <0.50 | 1.4 | 5 | <0.50 | 3 | 13 | <2 | <2 | <2 |
| GMW-18 | 10/20/09 | --- | --- | --- | --- | 2700 | 15 | <0.50 | 0.55 | 5.55 | <0.50 | 7 | 13 | <2 | <2 | <2 |
| GMW-18 | 04/16/10 | 1500 | --- | --- | --- | 7200 | 80 | 0.84 | 0.49 J | 1.57 | --- | 7.3 | 43 | <2 | <2 | <2 |
| GMW-18 | 04/20/12 | 2100 | --- | --- | --- | 4700 | 67 | 0.4 J | 1.1 | 5.89 | 1.7 | 3.5 | 57 | <2 | <2 | <2 |
| GMW-18 | 07/10/12 | --- | --- | --- | --- | 7800 | 94 | 0.42 J | 0.94 | 3.89 | <0.50 | 3.9 | 27 | <2 | <2 | <2 |
| GMW-18 | 11/03/14 | 15000 | --- | 230000 | --- | --- | 110 | 0.93 | 120 | 340 | <0.50 | 4.2 | <10 | <2 | <2 | <2 |
| GMW-18 | 04/21/15 | 4300 | --- | 300000 | --- | --- | 290 | <5 | 75 | 270 | <5 | <20 | <100 | <20 | <20 | <20 |
| GMW-18 | 05/10/19 | <100 | --- | 1200 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| 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-18 | 10/26/20 | 120 | --- | 380 | --- | --- | 1.7 | <0.50J | <0.50J | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-18 | 05/07/21 | <100 | --- | 220 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-18 | 11/08/21 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-19 | 11/27/96 | 3000 | --- | <500 | <500 | --- | 85 | <2.5 | 23 | <5 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 07/10/97 | <50 | --- | <50 | <50 | --- | 2.5 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 01/07/98 | <500 | --- | <100 | <100 | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 11/06/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 05/17/00 | <300 | <100 | --- | --- | --- | 0.47 | 0.45 | <0.30 | 0.95 | --- | --- | --- | --- | --- | --- |
| GMW-19 | 12/01/00 | <300 | 440 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|-------|-------|--------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-19 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 04/14/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-19 | 10/10/03 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | 15 | --- | --- | --- | --- |
| GMW-19 | 04/21/04 | --- | 260 | --- | --- | --- | <0.50 | <1 | <1 | <1 | --- | 28 | --- | --- | --- | --- |
| GMW-19 | 11/04/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 05/06/05 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 0.69 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 11/08/05 | --- | <100 | --- | --- | --- | 0.52 | 0.71 | 0.4 | 2 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 05/04/06 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 05/03/07 | --- | 210 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 11/15/07 | --- | <100 | --- | --- | --- | 0.5 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-19 | 10/16/08 | --- | --- | --- | --- | 140 | 0.6 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/23/09 | --- | --- | --- | --- | <100 | 0.7 | <0.50 | <0.50 | <0.50 | --- | 0.67 | --- | <0.50 | <0.50 | <0.50 |
| GMW-19 | 10/20/09 | --- | --- | --- | --- | <100 | 3.8 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/16/10 | --- | --- | --- | --- | 300 | 130 | <0.50 | 0.66 | <0.50 | --- | 21 | 12 | <2 | <2 | 0.52 J |
| GMW-19 | 10/08/10 | --- | --- | --- | --- | 150 | 2.4 | --- | --- | --- | <0.50 | 2.7 | <10 | --- | --- | --- |
| GMW-19 | 10/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/18/12 | --- | --- | --- | --- | <100 | 3.8 | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | <10 | <2 | <2 | <2 |
| GMW-19 | 10/15/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/10/13 | --- | --- | 1200 b | --- | --- | 35 | 0.38 J | <0.50 | 0.35 J | <0.50 | 58 | 22 | <2 | <2 | <2 |
| GMW-19 | 10/07/13 | <100 | --- | <100 | --- | --- | 0.81 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/14/14 | <100 | --- | <100 | --- | --- | 2.8 | <0.50 | <0.50 | <0.50 | <0.50 | 0.83 | <10 | <2 | <2 | <2 |
| GMW-19 | 10/28/14 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/28/15 | 490 | --- | 1000 | --- | --- | 90 | <0.50 | 0.5 | 0.55 | <0.50 | 20 | 12 | <2 | <2 | <2 |
| GMW-19 | 10/23/15 | <100 | --- | 390 | --- | --- | 9.2 | <0.50 | <0.50 | <1 | <0.50 | 17 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/21/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-19 | 10/03/17 | <100 | --- | 210 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.5 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/18/18 | <100 | --- | 160 | --- | --- | 2.2 | <0.50 | <0.50 | <1 | <0.50 | 3.4 | <10 | <2 | <2 | <2 |
| GMW-19 | 11/06/18 | 220 | --- | 180 | --- | --- | 58 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-19 | 04/22/19 | 160 | --- | 200 | --- | --- | 95 | <0.50 | <0.50 | <1 | <0.50 | 2.5 | <10 | <2 | <2 | <2 |
| GMW-19 | 11/06/19 | <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 | <100 | --- | 170 | --- | --- | 17 | <0.50 | <0.50 | <1.0 | <0.50 | 4.8 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-19 | 10/23/20 | <100 | --- | 140 | --- | --- | 2.3 | <0.50 | <0.50 | <1.0 | <0.50 | 2.3 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-19 | 05/06/21 | 150 | --- | 420 | --- | --- | 52 | <0.50 | <0.50 | <1.0 | <0.50 | 4.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-19 | 11/08/21 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-20 | 11/27/96 | 1100 | --- | <500 | <500 | --- | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- | --- |
| GMW-20 | 07/10/97 | 160 | --- | 1400 | <1200 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| GMW-20 | 01/06/98 | <500 | --- | 1100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 05/21/98 | 400 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 05/17/00 | <300 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | --- | --- | --- | --- |
| GMW-20 | 05/09/01 | <300 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-20 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-20 | 04/24/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-20 | 10/20/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-20 | 10/05/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-20 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-21 | 11/03/14 | 1500 | --- | 2500 | --- | --- | 11 | 1.6 | 31 | 170 | <0.50 | 3.8 | 24 | <2 | <2 | <2 |
| GMW-21 | 04/29/15 | 300 | --- | 2200 | --- | --- | 1.1 | <0.50 | <0.50 | <1 | <0.50 | 2.7 | 24 | <2 | <2 | <2 |
| GMW-21 | 04/14/16 | 170 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2.8 | <10 | <2 | <2 | <2 |
| GMW-21 | 10/10/16 | 130 | --- | 2500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.5 | <10 | <2 | <2 | <2 |
| GMW-21 | 04/21/17 | 180 | --- | 3300 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-21 | 04/23/18 | <100 | --- | 3700 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | 39 | <2 | <2 | <2 |
| GMW-21 | 11/12/18 | <100 | --- | 4200 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | 11 | <2 | <2 | <2 |
| GMW-21 | 04/19/19 | <100 | --- | 3000 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.5 | <10 | <2 | <2 | <2 |
| GMW-21 | 11/06/19 | <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 | <100 | --- | 470 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-21 | 10/23/20 | <100 | --- | 2600 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-21 | 05/12/21 | <100 | --- | 570 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-21 | 11/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-22 | 10/04/10 | 4100 | 2200 | --- | --- | --- | 1900 | <10 | 55 | 38 | <20 | 47 | 1300 | 50 | <20 | <20 |
| GMW-22 | 10/14/11 | 28000 | 9000 | --- | --- | --- | 13000 | <100 | 470 | 200 | <200 | 130 | <2000 | <200 | <200 | <200 |
| GMW-22 | 04/20/12 | 46000 | --- | 1300 | --- | --- | 20000 | <100 | 650 | 130 | <200 | 140 | <2000 | <200 | <200 | <200 |
| GMW-22 | 10/18/12 | 32000 | --- | 1300 | --- | --- | 16000 | 120 | 420 | 140 | <200 | 180 | <2000 | <200 | <200 | <200 |
| GMW-23 | 11/08/05 | --- | 1900 | --- | --- | --- | <0.30 | 0.4 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-23 | 10/31/14 | 34000 | --- | 53000 | --- | --- | 11000 | 690 | 260 | 2100 | <100 | <50 | <1000 | <100 | <100 | <100 |
| GMW-23 | 04/23/15 | 37000 | --- | 240000 | --- | --- | 2100 | 870 | 490 | 5600 | <30 | <15 | 360 | 46 | <30 | <30 |
| GMW-23 | 03/15/16 | 540 | --- | 13000 | --- | --- | 4.6 | <0.50 | <0.50 | 2.4 | <1 | 2.1 | 42 | 12 | <1 | <1 |
| GMW-23 | 06/30/16 | 120 | --- | 23000 | --- | --- | 2.7 | <0.50 | <0.50 | 2.1 | <0.50 | 0.52 | <10 | <1 | <1 | <1 |
| GMW-23 | 08/23/16 | 59 | --- | 730 | --- | --- | 0.08 | 0.03 | 0.09 | <0.50 | 0.18 | 0.76 | 42 | 13 | 0.2 | <1 |
| GMW-23 | 10/06/16 | 130 | --- | 6100 | --- | --- | 2.9 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 4.8 | <1 | <1 |
| GMW-23 | 10/06/17 | 230 | --- | 17000 | --- | --- | <0.50 | <0.50 | 1.3 | 1.4 | <0.50 | <0.50 | 48 | 9.6 | <1 | <1 |
| GMW-23 | 04/18/19 | 3100 | --- | 40000 | --- | --- | <1 | <1 | 9.4 | 27 | <2 | <1 | 770 | 46 | <2 | <2 |
| GMW-23 | 11/01/19 | 130 | --- | 47000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.64 | 320 | 32 | <1.0 | <1.0 |
| GMW-23 | 08/31/21 | 19000 | --- | 790 | --- | --- | 130 | 10 | 340 | 3,400 | <20 | <10 | <200 | <20 | <20 | <20 |
| GMW-24 | 04/29/11 | 70000 | 690000 | --- | --- | --- | 19000 | 830 | 1700 | 4200 | <200 | 530 | <2000 | <200 | <200 | <200 |
| GMW-24 | 10/13/11 | 58000 | 17000 | --- | --- | --- | 23000 | 2400 | 890 | 2600 | <200 | 490 | <2000 | <200 | <200 | <200 |
| GMW-25 | 10/08/10 | 15000 | <49000 | --- | --- | --- | 6900 | <50 | 70 | <50 | <100 | 92 | <1000 | <100 | <100 | <100 |
| GMW-25 | 04/14/11 | 12000 | 23000 | --- | --- | --- | 6800 | <25 | <25 | <25 | <50 | 36 | <500 | <50 | <50 | <50 |
| GMW-25 | 10/13/11 | <20000 | 31000 | --- | --- | --- | 9700 | <100 | 220 | <100 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-25 | 06/30/16 | 90 | --- | 480 | --- | --- | <0.50 | <0.50 | <0.50 | 3.2 | <0.50 | 1.7 | 22 | 2.3 | <1 | <1 |
| GMW-25 | 08/23/16 | <50 | --- | 1300 | --- | --- | 0.09 | 0.08 | 0.11 | <0.50 | 0.73 | 0.82 | 160 | 6.4 | 0.2 | <1 |
| GMW-25 | 10/06/16 | 70 | --- | 780 | --- | --- | <0.50 | <0.50 | <0.50 | 1.1 | 0.88 | 0.5 | 18 | 1.2 | <1 | <1 |
| GMW-25 | 04/20/17 | <500 | --- | 3700 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| GMW-25 | 10/05/17 | 400 | --- | 11000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 0.64 | 23 | 1.5 | <1 | <1 |
| GMW-25 | 04/19/18 | 950 | --- | 14000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | 11 | <1 | <1 | <1 |
| GMW-25 | 11/09/18 | 81 | --- | 4300 | --- | --- | <0.50J | <0.50J | <0.50J | <0.50J | <0.50J | <0.50J | <10J | <1J | <1J | <1J |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-25 | 04/19/19 | 170 | --- | 4100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-25 | 11/01/19 | 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 | 56 | --- | 4000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-25 | 11/06/20 | <50 | --- | 420 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-25 | 05/05/21 | <50 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.57 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-25 | 11/03/21 | 64 | --- | 3100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.75 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-26 | 11/27/96 | --- | --- | --- | --- | --- | 46 | 2.7 | 18 | 8.8 | 110 | 950 | --- | --- | --- | --- |
| GMW-26 | 07/10/97 | 430 | --- | <500 | --- | --- | 100 | 2.1 | 6.9 | 5.9 | 67 | 760 | --- | --- | --- | --- |
| GMW-26 | 01/08/98 | 200 | --- | <500 | --- | --- | 23 | 11 | 5 | <15 | 64 | 1200 | --- | --- | --- | --- |
| GMW-26 | 05/22/98 | 500 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <0.10 | 260 | 460 | --- | --- | --- | --- |
| GMW-26 | 11/17/98 | 1810 | <100 | --- | --- | --- | 310 | <5 | 8 | <5 | <5 | 3460 | --- | --- | --- | --- |
| GMW-26 | 05/07/99 | 2300 | --- | <500 | --- | --- | 490 | 26 | 70 | 140 | <5 | 6100 | --- | --- | --- | --- |
| GMW-26 | 11/19/99 | 6700 | 5700 | --- | --- | --- | 3700 | 160 | 42 | 530 | <25 | 8500 | --- | --- | --- | --- |
| GMW-26 | 05/16/00 | 2000 | 490 | --- | --- | --- | 1.9 | <0.50 | <0.50 | <0.50 | 0.8 | 82 | --- | --- | --- | --- |
| GMW-26 | 11/30/00 | 780 | 180 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | 17 | --- | --- | --- | --- |
| GMW-26 | 05/08/01 | 300 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 390 | --- | --- | --- | --- |
| GMW-26 | 11/06/01 | <300 | <100 | --- | --- | --- | 0.7 | <0.50 | <0.50 | <0.50 | 75 | 130 | --- | --- | --- | --- |
| GMW-26 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 57 | 130 | --- | --- | --- | --- |
| GMW-26 | 07/07/03 | --- | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | 1.2 | 61 | --- | --- | --- | --- |
| GMW-26 | 04/27/04 | 63 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 59 | --- | --- | --- | --- |
| GMW-26 | 07/08/04 | 62 | 290 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 27 | --- | --- | --- | --- |
| GMW-26 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | 1.3 | <1 | <1 |
| GMW-26 | 10/26/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-26 | 03/15/16 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 1.2 | <10 | 2.3 | <1 | <1 |
| GMW-26 | 04/14/16 | <50 | --- | 76 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | 0.72 | <10 | 1.4 | <1 | <1 |
| GMW-26 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 0.59 | <10 | 1.5 | <1 | <1 |
| GMW-26 | 08/23/16 | <50 | --- | 77 | --- | --- | 0.01 | 0.01 | 0.09 | <0.50 | 2.4 | 0.65 | 1.3 | 1.9 | <1 | <1 |
| GMW-26 | 10/06/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | 0.64 | <10 | 2 | <1 | <1 |
| GMW-26 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.66 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-26 | 10/05/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | 12 | 2.6 | <1 | <1 |
| GMW-26 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | 2.2 | <1 | <1 |
| GMW-26 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-26 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | 28 | 7.4 | <1 | <1 |
| GMW-26 | 11/01/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-26 | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-26 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-26 | 11/02/21 | <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 | 2800 | --- | --- | --- | --- | 940 | 6 | 4 | 11 | 76 | 1570 | --- | --- | --- | --- |
| GMW-27 | 11/17/98 | 4220 | 4940 | --- | --- | --- | 3200 | <50 | <50 | <50 | <50 | 530 | --- | --- | --- | --- |
| GMW-27 | 05/07/99 | 6300 | --- | <500 | --- | --- | 3600 | 16 | 11 | <10 | <25 | 720 | --- | --- | --- | --- |
| GMW-27 | 11/18/99 | 3300 | 1500 | --- | --- | --- | 1100 | <25 | <25 | <25 | <25 | 1000 | --- | --- | --- | --- |
| GMW-27 | 05/16/00 | 5500 | 3600 | --- | --- | --- | 2600 | <25 | 25 | 34 | <25 | 1800 | --- | --- | --- | --- |
| GMW-27 | 11/30/00 | 4900 | 4100 | --- | --- | --- | 2100 | <25 | <25 | <25 | <25 | 1600 | --- | --- | --- | --- |
| GMW-27 | 05/08/01 | 5300 | 4000 | --- | --- | --- | 2600 | <25 | <25 | <25 | <25 | 2200 | --- | --- | --- | --- |
| GMW-27 | 11/06/01 | 4100 | 1500 | --- | --- | --- | 1600 | 6.4 | 6.7 | 27.6 | <0.50 | 1900 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-27 | 04/09/02 | 4900 | 590 | --- | --- | --- | 2300 | <10 | 15 | <10 | <10 | 1800 | --- | --- | --- | --- |
| GMW-27 | 10/23/02 | 590 | 680 | --- | --- | --- | 1800 | 13 | <10 | 13 | <10 | 1400 | --- | --- | --- | --- |
| GMW-27 | 04/08/03 | 4600 | 640 | --- | --- | --- | 2700 | <15 | <15 | 17 | <30 | 2000 | --- | --- | --- | --- |
| GMW-27 | 10/07/03 | 10000 | 890 | --- | --- | --- | 4400 | <20 | 47 | 120 | <40 | 1800 | --- | --- | --- | --- |
| GMW-27 | 01/27/04 | 8100 | 480 | --- | --- | --- | 3600 | 19 | 29 | 115 | <30 | 1500 | --- | --- | --- | --- |
| GMW-27 | 04/21/04 | 13000 | 1900 | --- | --- | --- | 6200 | <25 | 51 | <25 | <50 | 2500 | --- | --- | --- | --- |
| GMW-27 | 07/08/04 | 1900 | 540 | --- | --- | --- | 260 | <2.5 | <2.5 | <2.5 | <5 | 790 | --- | --- | --- | --- |
| GMW-27 | 11/03/04 | 21000 | 1500 | --- | --- | --- | 8800 | <50 | 53 | 170 | <100 | 700 | --- | --- | --- | --- |
| GMW-27 | 05/06/05 | 1100 | <100 | --- | --- | --- | 440 | <2.5 | <2.5 | 4.3 | <5 | 42 | --- | --- | --- | --- |
| GMW-27 | 11/03/05 | 4100 | 330 | --- | --- | --- | 2000 | <10 | <10 | 17 | <20 | 250 | --- | --- | --- | --- |
| GMW-27 | 05/09/06 | 5500 | 400 | --- | --- | --- | 2800 | <15 | 22 | <15 | <30 | 180 | --- | --- | --- | --- |
| GMW-27 | 12/06/06 | 12000 | 740 | --- | --- | --- | 6400 | <50 | 120 | <50 | <100 | 210 | --- | --- | --- | --- |
| GMW-27 | 05/02/07 | 13000 | 860 | --- | --- | --- | 7400 | <50 | <50 | <50 | <100 | 230 | --- | --- | --- | --- |
| GMW-27 | 11/13/07 | 11000 | 550 | --- | --- | --- | 6000 | <25 | <25 | <25 | <50 | 57 | --- | --- | --- | --- |
| GMW-27 | 04/18/08 | 380 | 270 | --- | --- | --- | 130 | <1.5 | <1.5 | <1.5 | <3 | 21 | --- | --- | --- | --- |
| GMW-27 | 08/14/08 | 1000 | 490 | --- | --- | --- | 280 | <1.5 | 1.5 | 1.6 | <3 | 17 | --- | --- | --- | --- |
| GMW-27 | 11/21/08 | 3100 | 340 | --- | --- | --- | 1100 | <10 | <10 | <10 | <20 | 26 | --- | --- | --- | --- |
| GMW-27 | 04/20/09 | 100 | 130 | --- | --- | --- | 1.8 | <0.50 | <0.50 | <0.50 | <0.50 | 4.2 | 450 | 10 | <1 | <1 |
| GMW-27 | 10/22/09 | 130 | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5.7 | 830 | 17 | <1 | <1 |
| GMW-27 | 05/27/10 | 95 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | <10 | 10 | <1 | <1 |
| GMW-27 | 10/07/10 | 130 | <100 | --- | --- | --- | 1.9 | <0.50 | <0.50 | <0.50 | <0.50 | 6.2 | 900 | 17 | <1 | <1 |
| GMW-27 | 04/13/11 | <100 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.91 | 480 | 12 | <1 | <1 |
| GMW-27 | 10/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.99 | 300 | 6 | <1 | <1 |
| GMW-27 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | 380 | 6.8 | <1 | <1 |
| GMW-27 | 10/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 300 | 5 | <1 | <1 |
| GMW-27 | 04/11/13 | <100 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.57 | 380 | 7.8 | <1 | <1 |
| GMW-27 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 570 | 9.3 | <1 | <1 |
| GMW-27 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 460 | 6.9 | <1 | <1 |
| GMW-27 | 10/30/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 260 | 6.7 | <1 | <1 |
| GMW-28 | 05/07/99 | 43000 | --- | <500 | --- | --- | 22000 | 780 | 1400 | 3000 | <130 | 1900 | --- | --- | --- | --- |
| GMW-28 | 05/17/00 | 19000 | 21000 | --- | --- | --- | 9600 | <50 | 370 | 160 | <50 | 1300 | --- | --- | --- | --- |
| GMW-28 | 11/28/00 | 26000 | 30000 | --- | --- | --- | 13000 | 53 | 650 | 1139 | <0.50 | 1600 | --- | --- | --- | --- |
| GMW-28 | 05/08/01 | 30000 | 27000 | --- | --- | --- | 15000 | 190 | 660 | 310 | <5 | 4000 | --- | --- | --- | --- |
| GMW-28 | 11/06/01 | 20000 | 19000 | --- | --- | --- | 14000 | 51 | 460 | 241 | <0.50 | 3200 | --- | --- | --- | --- |
| GMW-28 | 04/09/02 | 24000 | 1900 | --- | --- | --- | 9100 | 79 | 320 | 110 | <50 | 1200 | --- | --- | --- | --- |
| GMW-28 | 07/07/03 | --- | --- | --- | --- | --- | 18000 | 140 | 800 | 450 | <50 | 530 | --- | --- | --- | --- |
| GMW-28 | 04/28/04 | 40000 | 4700 | --- | --- | --- | 22000 | 180 | 1200 | 570 | <200 | 280 | --- | --- | --- | --- |
| GMW-28 | 07/08/04 | 46000 | 5100 | --- | --- | --- | 20000 | 120 | 1000 | 560 | <200 | 280 | --- | --- | --- | --- |
| GMW-28 | 10/31/14 | 330 | --- | 170 | --- | --- | 23 | <0.50 | <0.50 | <0.50 | <1 | 82 | 38 | 26 | <1 | <1 |
| GMW-28 | 04/21/15 | 1200 | --- | 120 | --- | --- | 670 | <5 | <5 | <5 | <10 | 100 | <100 | 25 | <10 | <10 |
| GMW-28 | 10/26/15 | 280 | --- | 360 | --- | --- | 3.3 | <0.50 | <0.50 | 2.7 | <0.50 | 73 | 20 | 18 | <1 | <1 |
| GMW-28 | 03/15/16 | 520 | --- | 390 | --- | --- | 230 | 1.9 | 2.2 | 6.5 | <3 | 25 | <30 | 11 | <3 | <3 |
| GMW-28 | 04/15/16 | 600 | --- | 89 | --- | --- | 370 | <2 | 4.5 | <2 | <4 | 25 | <40 | 8.6 | <4 | <4 |
| GMW-28 | 06/30/16 | 230 | --- | 540 | --- | --- | 3.5 | <0.50 | 1.6 | 7.2 | <0.50 | 16 | <10 | <1 | <1 | <1 |
| GMW-28 | 08/23/16 | 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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 46 | 19 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-28 | 04/19/17 | <50 | --- | <100 | --- | --- | 0.69 | <0.50 | <0.50 | <0.50 | <0.50 | 4.8 | 32 | 5.2 | <1 | <1 |
| GMW-28 | 10/05/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | 110 | 24 | <1 | <1 |
| GMW-28 | 04/19/18 | 60 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 360 | 42 | <1 | <1 |
| GMW-28 | 11/09/18 | 83 | --- | <50 | --- | --- | 0.72 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | 270 | 40 | <1 | 2.7 |
| GMW-28 | 04/18/19 | 58 | --- | 86 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | 1.5 | 460 | 37 | <1 | <1 |
| GMW-28 | 11/01/19 | 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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 15 | 6.0 | <1.0 | <1.0 |
| GMW-28 | 11/05/20 | <50 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 31 | 2.5 | <1.0 | <1.0 |
| GMW-28 | 02/25/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-28 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 24 | 1.8 | <1.0 | <1.0 |
| GMW-28 | 08/31/21 | <50 | --- | 60 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 62 | 6.3 | <1.0 | <1.0 |
| GMW-28 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-28 | 03/10/22 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-29 | 11/28/00 | 1600 | 1700 | --- | --- | --- | 170 | 97 | 8 | 300 | <0.50 | 54 | --- | --- | --- | --- |
| GMW-29 | 05/08/01 | 2200 | 950 | --- | --- | --- | 1300 | 59 | 21 | 30 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-29 | 04/09/02 | 13000 | 11000 | --- | --- | --- | 5400 | 4500 | 240 | 1120 | <1 | 34 | --- | --- | --- | --- |
| GMW-29 | 07/08/03 | --- | --- | --- | --- | --- | 4100 | 670 | 410 | 880 | <25 | <50 | --- | --- | --- | --- |
| GMW-29 | 04/28/04 | 40000 | 6400 | --- | --- | --- | 8700 | 6000 | 910 | 2800 | <200 | <100 | --- | --- | --- | --- |
| GMW-29 | 07/08/04 | 45000 | 5300 | --- | --- | --- | 8900 | 6500 | 900 | 4000 | <100 | <50 | --- | --- | --- | --- |
| GMW-29 | 03/15/16 | 74000 | --- | 65000 | --- | --- | 260 | 320 | 540 | 6000 | <40 | <20 | <400 | <40 | <40 | <40 |
| GMW-29 | 08/31/21 | 2200 | --- | 12000 | --- | --- | 42 | <5.0 | 170 | 130 | <10 | <5.0 | <100 | <10 | <10 | <10 |
| GMW-30 | 03/15/16 | 9100 | --- | 3500 | --- | --- | 1100 | 20 | 33 | 920 | <10 | <5 | <100 | <10 | <10 | <10 |
| GMW-30 | 04/15/16 | 14000 | --- | 2400 | --- | --- | 3600 | 16 | 85 | 860 | <30 | <15 | <300 | <30 | <30 | <30 |
| GMW-30 | 06/30/16 | 1600 | --- | 6400 | --- | --- | 34 | 0.88 | 1.5 | 6.7 | 1.4 | 3.4 | 33 | 8.6 | <1 | <1 |
| GMW-30 | 08/23/16 | 400 | --- | 1400 | --- | --- | 41 | 0.2 | 0.22 | 3.1 | 0.24 | 2.1 | 60 | 4 | 0.39 | 0.39 |
| GMW-30 | 10/07/16 | 360 | --- | 3600 | --- | --- | 24 | 0.6 | 2.6 | 3 | 1.2 | 2.3 | 27 | 6 | <1 | <1 |
| GMW-30 | 10/06/17 | 280 | --- | 3500 | --- | --- | 28 | <0.50 | 1.7 | 4.6 | <0.50 | 1.2 | 28 | 4.9 | <1 | <1 |
| GMW-30 | 04/20/18 | 230 | --- | 1300 | --- | --- | 7 | <0.50 | <0.50 | 10 | <0.50 | 1.3 | 45 | 8.8 | <1 | <1 |
| GMW-30 | 04/19/19 | 99 | --- | 4000 | --- | --- | 2.5 | <0.50 | <0.50 | <0.50 | <0.50 | 0.86 | 31 | 7.9 | <1 | <1 |
| GMW-30 | 11/01/19 | <50 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | 20 | 6.2 | <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-30 | 11/06/20 | <50 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-31 | 11/27/96 | 1100 | --- | <500 | <500 | --- | <2.5 | <2.5 | <2.5 | <5 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 07/10/97 | 55 | --- | 550 | <450 | --- | 2 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 01/07/98 | <500 | --- | <100 | <100 | --- | 1.6 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 11/06/98 | <300 | <100 | --- | --- | --- | 4.8 | <0.30 | 3.5 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 05/27/99 | <300 | 1020 | --- | --- | --- | <0.30 | <0.30 | 0.52 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 11/18/99 | <300 | 490 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 05/17/00 | <300 | 470 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-31 | 12/01/00 | 530 | 680 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 05/10/01 | <300 | 120 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 11/07/01 | <300 | 170 | --- | --- | --- | 0.8 | 0.49 | <0.30 | <0.60 | --- | 9.9 | --- | --- | --- | --- |
| GMW-31 | 04/10/02 | <300 | 120 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.30 | 0.49 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 04/14/03 | --- | 647 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|-------|-------|-------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-31 | 10/10/03 | --- | 200 | --- | --- | --- | 0.39 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 04/22/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 11/06/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 05/07/05 | --- | <100 | --- | --- | --- | <0.30 | 0.64 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 11/08/05 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 05/05/06 | --- | <100 | --- | --- | --- | <0.30 | 0.79 | 0.5 | 2.4 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 05/03/07 | --- | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 04/18/08 | --- | 810 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-31 | 10/17/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | <0.50 | <0.50 | <0.50 |
| GMW-31 | 10/20/09 | --- | --- | --- | --- | 140 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.57 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/14/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | 4.6 J | <2 | <2 | <2 |
| GMW-31 | 10/08/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | 6.5 J | --- | --- | --- |
| GMW-31 | 04/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 10/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/08/13 | --- | --- | 120 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.67 | <10 | <2 | <2 | <2 |
| GMW-31 | 10/07/13 | <100 | --- | 210 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/14/14 | <100 | --- | 170 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-31 | 10/29/14 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/28/15 | <100 | --- | 340 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/20/17 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-31 | 10/05/17 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/19/18 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-31 | 11/08/18 | <100 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-31 | 04/17/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-31 | 10/29/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-31 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| GMW-31 | 05/06/21 | <100 | --- | 290 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-31 | 11/05/21 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-32 | 11/27/96 | 430 | --- | <500 | <500 | --- | 13 | <0.50 | 25 | <1 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 07/10/97 | 63 | --- | 1800 | <1600 | --- | 1.7 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 01/06/98 | <500 | --- | <100 | <100 | --- | 0.4 | <0.30 | 0.7 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | 0.62 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 11/06/98 | --- | 158 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-32 | 05/27/99 | <300 | 307 | --- | --- | --- | 3.1 | <0.30 | 5 | 1.4 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 11/18/99 | <300 | 6500 | --- | --- | --- | 4.3 | <0.30 | 6.9 | 1.2 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 05/17/00 | 500 | 8600 | --- | --- | --- | 8 | 3.4 | 16 | 14 | --- | --- | --- | --- | --- | --- |
| GMW-32 | 11/30/00 | 330 | 2100 | --- | --- | --- | <0.30 | <0.30 | 4.2 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 05/09/01 | 1000 | 9500 | --- | --- | --- | 4.7 | <0.30 | 1.2 | 2.8 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 11/07/01 | 660 | 6900 | --- | --- | --- | 4.2 | 0.63 | 5.7 | 2 | --- | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-32 | 02/01/02 | --- | --- | --- | --- | --- | 0.89 | <0.50 | 0.53 | 0.69 | <0.50 | 0.77 | --- | --- | --- | --- |
| GMW-32 | 04/11/02 | <300 | 210 | --- | --- | --- | 1.5 | <0.30 | 7.2 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 10/23/02 | <300 | 1300 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 04/09/03 | --- | 2100 | --- | --- | --- | <1 | 1.18 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-32 | 10/10/03 | --- | 530 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 04/21/04 | --- | 1500 | --- | --- | --- | 0.52 | <1 | <1 | <1 | --- | <1 | --- | --- | --- | --- |
| GMW-32 | 11/04/04 | --- | 910 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 05/06/05 | --- | 700 | --- | --- | --- | 0.31 | 0.64 | <0.30 | 0.76 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 11/08/05 | --- | 480 | --- | --- | --- | <0.30 | 0.41 | <0.30 | 0.7 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 05/04/06 | --- | 690 | --- | --- | --- | 0.46 | 0.39 | 0.62 | 1.4 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 12/08/06 | --- | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 05/03/07 | --- | 190 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 11/16/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 04/17/08 | --- | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-32 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 04/24/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 10/20/09 | --- | --- | --- | --- | 250 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 04/16/10 | --- | --- | --- | --- | 230 | <0.50 | <0.50 | 0.41 J | <0.50 | --- | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 10/07/10 | --- | --- | --- | --- | 180 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-32 | 04/14/11 | --- | --- | --- | --- | 160 | <0.50 | <0.50 | 0.25 J | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 04/19/12 | --- | --- | --- | --- | 210 | <0.50 | <0.50 | <0.50 | 0.26 J | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 10/19/12 | --- | --- | --- | --- | 1300 | 0.2 J | <0.50 | 0.14 J | 0.32 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 04/10/13 | --- | --- | 1300 b | --- | --- | <0.50 | <0.50 | <0.50 | 0.3 J | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-32 | 10/08/13 | <100 | --- | 1200 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.3 J | <2 | <2 | <2 |
| GMW-32 | 04/16/14 | 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 | 290 | --- | 1500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | 13 | <2 | <2 | <2 |
| GMW-33 | 11/21/96 | <38 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | --- | --- | --- | --- | --- |
| GMW-33 | 07/10/97 | <50 | --- | 700 | <400 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| GMW-33 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 05/20/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 05/27/99 | <300 | 122 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 11/18/99 | <300 | 120 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 05/17/00 | <300 | 210 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 11/30/00 | <300 | 430 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 05/09/01 | <300 | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 11/07/01 | <300 | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 02/01/02 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-33 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | --- | --- | --- | --- |
| GMW-34 | 11/18/99 | 9500 | 17000 | --- | --- | --- | 30 | 3.5 | 8.3 | 81 | <0.50 | 24 | --- | --- | --- | --- |
| GMW-34 | 05/17/00 | 740 | 3700 | --- | --- | --- | <0.50 | <0.50 | 1.5 | 11.4 | <0.50 | 30 | --- | --- | --- | --- |
| GMW-34 | 12/01/00 | <300 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | --- | --- | --- | --- |
| GMW-34 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.3 | --- | --- | --- | --- |
| GMW-34 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | --- | --- | --- | --- |
| GMW-34 | 04/12/02 | 960 | 1500 | --- | --- | --- | 240 | 1.4 | 33 | 81 | <0.50 | 2.5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-35 | 05/09/01 | 20000 | 22000 | --- | --- | --- | 1300 | 11 | 580 | 4100 | <10 | <10 | --- | --- | --- | --- |
| GMW-35 | 04/10/03 | --- | 15600 | --- | --- | --- | 65.2 | 30.6 | 109 | 159 | --- | <3 | --- | --- | --- | --- |
| GMW-35 | 10/10/03 | --- | 16000 | --- | --- | --- | 100 | <15 | 120 | 650 | --- | <250 | --- | --- | --- | --- |
| GMW-35 | 04/21/04 | --- | 19000 | --- | --- | --- | 110 | <1 | 45 | 7.3 | --- | 1.5 | --- | --- | --- | --- |
| GMW-35 | 11/04/04 | --- | 18000 | --- | --- | --- | 62 | <3 | 13 | 28 | --- | <50 | --- | --- | --- | --- |
| GMW-35 | 05/05/05 | --- | 4700 | --- | --- | --- | 10 | 1.4 | 33 | 22 | --- | <10 | --- | --- | --- | --- |
| GMW-35 | 11/05/05 | --- | 3100 | --- | --- | --- | 9.1 | 2.2 | 31 | 17 | --- | <25 | --- | --- | --- | --- |
| GMW-35 | 05/03/06 | --- | 17000 | --- | --- | --- | 7.9 | 2.9 | 20 | 12 | --- | <5 | --- | --- | --- | --- |
| GMW-35 | 12/08/06 | --- | 4800 | --- | --- | --- | 14 | <0.50 | 9 | 6.9 | --- | <5 | --- | --- | --- | --- |
| GMW-35 | 05/04/07 | --- | 4700 | --- | --- | --- | 21 | 0.86 | 1.3 | 5.3 | --- | 6.1 | --- | --- | --- | --- |
| GMW-35 | 11/15/07 | --- | 2400 | --- | --- | --- | 26 | <0.50 | <0.50 | <1 | --- | 7.7 | --- | --- | --- | --- |
| GMW-35 | 04/17/08 | --- | 1300 | --- | --- | --- | 18 | <0.50 | 1.8 | 2.5 | --- | <5 | --- | --- | --- | --- |
| GMW-35 | 04/24/09 | --- | --- | --- | --- | 520 | 63 | <5 | <5 | <5 | --- | 210 | --- | <5 | <5 | <5 |
| GMW-35 | 04/16/10 | --- | --- | --- | --- | 1900 | 180 | 0.88 J | 1.5 | 0.7 | --- | 13 | 2200 | <4 | <4 | <4 |
| GMW-35R | 10/09/17 | 160 | --- | 1400 | --- | --- | 9.4 | <0.50 | <0.50 | <1 | <0.50 | 5 | 770 | <2 | <2 | <2 |
| GMW-35R | 04/23/18 | 160 J | --- | 1100 | --- | --- | 16 | <0.50 | <0.50 | <1 | <0.50 | 2.9 | 360 | <2 | <2 | <2 |
| GMW-35R | 11/12/18 | 450 | --- | 2100 | --- | --- | 48 | <0.50 | <0.50 | 0.67 | <0.50 | 2.3 | 260 | <2 | <2 | <2 |
| GMW-35R | 04/22/19 | 190 | --- | 1300 | --- | --- | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <5 | 600 | <10 | <10 | <10 |
| GMW-35R | 11/06/19 | 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 | 1200 | --- | 2100 | --- | --- | 120 | <1.0 | 2.7 | <2.0 | <1.0 | 14 | 760 | <4.0 | <4.0 | <4.0 |
| GMW-35R | 10/26/20 | 730 | --- | 1500 | --- | --- | 20 | <1.0J | <1.0J | <2.0 | <1.0 | 8.9 | 730 | <4.0 | <4.0 | <4.0 |
| GMW-35R | 05/10/21 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-35R | 11/04/21 | 460 | --- | 1300 | --- | --- | 61 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | 120 | <2.0 | <2.0 | <2.0 |
| GMW-36 | 07/10/97 | 430 | --- | <500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-36 | 01/09/98 | 4000 | --- | 4300 | --- | --- | 22 | 21 | 6.1 | 100 | <5 | 7700 | --- | --- | --- | --- |
| GMW-36 | 05/20/98 | 1400 | --- | --- | --- | --- | <0.30 | <0.30 | <10 | <20 | <0.50 | 19600 | --- | --- | --- | --- |
| GMW-36 | 11/17/98 | 7900 | 6650 | --- | --- | --- | 2100 | 1370 | 70 | 650 | <50 | 34800 | --- | --- | --- | --- |
| GMW-36 | 05/07/99 | 2800 | --- | <500 | --- | --- | <10 | <10 | <10 | <10 | <25 | 14000 | --- | --- | --- | --- |
| GMW-36 | 11/18/99 | 51000 | 22000 | --- | --- | --- | 8100 | 5600 | <250 | 1770 | <250 | 47000 | --- | --- | --- | --- |
| GMW-36 | 05/17/00 | 59000 | 53000 | --- | --- | --- | 14000 | 6700 | 480 | 4100 | <130 | 45000 | --- | --- | --- | --- |
| GMW-36 | 11/30/00 | 110000 | 66000 | --- | --- | --- | 20000 | 19000 | 1600 | 8100 | <0.50 | 13000 | --- | --- | --- | --- |
| GMW-36 | 02/06/01 | 75000 | 55000 | --- | --- | --- | 18000 | 13000 | 1400 | 6100 | <50 | 9100 | --- | --- | --- | --- |
| GMW-36 | 05/10/01 | 12000 | 5100 | --- | --- | --- | 3700 | 2500 | 420 | 1730 | <0.50 | 1600 | --- | --- | --- | --- |
| GMW-36 | 09/19/01 | 21000 | 37000 | --- | --- | --- | 5800 | 3600 | 580 | 2080 | <13 | 1000 | --- | --- | --- | --- |
| GMW-36 | 11/06/01 | 63000 | 40000 | --- | --- | --- | 16000 | 13000 | 1600 | 7700 | <25 | 3200 | --- | --- | --- | --- |
| GMW-36 | 01/30/02 | 130000 | 68000 | --- | --- | --- | 21000 | 20000 | 1700 | 9000 | <125 | 42000 | --- | --- | --- | --- |
| GMW-36 | 04/10/02 | 150000 | 49000 | --- | --- | --- | 25000 | 22000 | 1800 | 10000 | <50 | 67000 | --- | --- | --- | --- |
| GMW-36 | 07/30/02 | 81000 | 110000 | --- | --- | --- | 28000 | 29000 | 2200 | 11800 | <50 | 37000 | --- | --- | --- | --- |
| GMW-36 | 12/06/06 | 32000 | 10000 | --- | --- | --- | 5300 | 4300 | 480 | 4300 | <50 | 1600 | --- | --- | --- | --- |
| GMW-36 | 03/13/07 | 54000 | 7200 | --- | --- | --- | 9400 | 12000 | 1100 | 8200 | <200 | 3800 | --- | --- | --- | --- |
| GMW-36 | 05/05/07 | 69000 | 11000 | --- | --- | --- | 9800 | 11000 | 1200 | 8000 | <200 | 3900 | --- | --- | --- | --- |
| GMW-36 | 08/29/07 | 30000 | 9800 | --- | --- | --- | 4100 | 4200 | 420 | 4500 | 120 | 890 | --- | --- | --- | --- |
| GMW-36 | 02/20/08 | 34000 | 9100 | --- | --- | --- | 3900 | 6000 | 750 | 4600 | <50 | 43 | --- | --- | --- | --- |
| GMW-36 | 04/16/08 | 42000 | 11000 | --- | --- | --- | 5200 | 8300 | 940 | 6200 | <200 | <100 | --- | --- | --- | --- |
| GMW-36 | 10/16/08 | 17000 | 32000 | --- | --- | --- | 2100 | 2000 | 160 | 2300 | <20 | 26 | --- | --- | --- | --- |
| GMW-36 | 07/22/09 | 24000 | 15000 | --- | --- | --- | 3800 | 5400 | 720 | 3380 | <50 | 28 | <500 | <50 | <50 | <50 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|--------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-36 | 03/16/10 | 800 | 2200 | --- | --- | --- | 830 | 1100 | 140 | 700 | <10 | 16 | 690 | <10 | <10 | <10 |
| GMW-36 | 04/16/10 | 4200 | 25000 | --- | --- | --- | 850 | 150 | 89 | 200 | <5 | 11 | 3700 | <5 | <5 | <5 |
| GMW-36 | 07/13/10 | 500 | 4500 | --- | --- | --- | 49 | 51 | 4.9 | 43 | <0.50 | 0.91 | 340 | <1 | <1 | <1 |
| GMW-36 | 08/12/10 | 9200 | 2200 | --- | --- | --- | 1400 | 1100 | 52 | 980 | <10 | 18 | 1600 | <10 | <10 | <10 |
| GMW-36 | 09/20/10 | 3300 | 5200 | --- | --- | --- | 130 | 18 | 36 | 120 | <1 | 130 | 13000 | <1 | <1 | 1.6 |
| GMW-36 | 10/05/10 | 15000 | 3100 | --- | --- | --- | 2500 | 1300 | 390 | 1200 | <20 | 30 | 1300 | <20 | <20 | <20 |
| GMW-36 | 11/23/10 | 31000 | 21000 | --- | --- | --- | 5100 | 3400 | 890 | 2600 | <40 | 51 | 470 | <40 | <40 | <40 |
| GMW-36 | 12/22/10 | 63000 | 73000 | --- | --- | --- | 6700 | 9600 | 1700 | 5600 | <50 | 28 | <500 | <50 | <50 | <50 |
| GMW-36 | 01/12/11 | 320000 | 130000 | --- | --- | --- | 4600 | 2900 | 1400 | 9200 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-36 | 02/24/11 | 1600 | 3900 | --- | --- | --- | 110 | 77 | 19 | 130 | <1 | 2.5 | 2200 | <1 | <1 | <1 |
| GMW-36 | 03/23/11 | 3200 | 2900 | --- | --- | --- | 360 | 340 | 28 | 240 | <3 | 7.6 | 2400 | <3 | <3 | <3 |
| GMW-36 | 04/29/11 | 1500 | 10000 | --- | --- | --- | 75 | 67 | 6.8 | 113 | <0.50 | 3.3 | 1700 | <1 | <1 | <1 |
| GMW-36 | 05/13/11 | 13000 | 11000 | --- | --- | --- | 2300 | 2100 | 93 | 1640 | <20 | 43 | <200 | <20 | <20 | <20 |
| GMW-36 | 06/22/11 | 420 | 1500 | --- | --- | --- | 24 | 12 | 2.8 | 29 | <0.50 | 110 | 5900 | <1 | <1 | <1 |
| GMW-36 | 07/29/11 | 7300 | 3200 | --- | --- | --- | 560 | 570 | 61 | 990 | <10 | 350 | 4600 | <10 | <10 | <10 |
| GMW-36 | 08/19/11 | 13000 | 6200 | --- | --- | --- | 570 | 1100 | 250 | 1900 | <20 | 260 | 9000 | <20 | <20 | <20 |
| GMW-36 | 09/22/11 | 5200 | 2200 | --- | --- | --- | 490 | 240 | 52 | 470 | <5 | 660 | 7400 | <5 | <5 | 17 |
| GMW-36 | 10/13/11 | 22000 | 160000 | --- | --- | --- | 610 | 490 | 430 | 2200 | <20 | 250 | 3700 | <20 | <20 | 43 |
| GMW-36 | 11/23/11 | 630 | 34000 | --- | --- | --- | 17 | <2.5 | <2.5 | 14 | <5 | 110 | 6000 | <5 | <5 | <5 |
| GMW-36 | 12/21/11 | 700 | 560 | --- | --- | --- | 59 | 55 | 14 | 65 | <0.50 | 2.1 | 340 | <1 | <1 | <1 |
| GMW-36 | 01/10/12 | 380 | 290 | --- | --- | --- | 78 | 1.6 | 5.1 | 13 | <0.50 | 94 | 4900 | <1 | <1 | 1.3 |
| GMW-36 | 02/23/12 | 45000 | 14000 | --- | --- | --- | 5600 | 8900 | 1700 | 6600 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-36 | 03/28/12 | 220 | --- | 400 | --- | --- | 3.5 | 4.1 | 1.2 | 6.3 | <0.50 | 1.5 | 130 | <1 | <1 | <1 |
| GMW-36 | 04/27/12 | 1300 | --- | 710 | --- | --- | 43 | <0.50 | 2.5 | 35 | <1 | 64 | 4200 | <1 | <1 | 1.2 |
| GMW-36 | 05/25/12 | 280 | --- | 440 | --- | --- | <0.50 | <0.50 | <0.50 | 1.5 | <1 | 14 | 6200 | <1 | <1 | <1 |
| GMW-36 | 06/15/12 | 460 | --- | 380 | --- | --- | 17 | 4.1 | 5.5 | 50 | <1 | 12 | 780 | <1 | <1 | <1 |
| GMW-36 | 07/11/12 | 5100 | --- | 12000 | --- | --- | <2.5 | 6.8 | 39 | 300 | <5 | <2.5 | 140 | <5 | <5 | <5 |
| GMW-36 | 09/26/12 | 14000 | --- | 6600 | --- | --- | 35 | 11 | <2.5 | 230 | <5 | 17 | 100 | <5 | <5 | <5 |
| GMW-36 | 10/18/12 | 8800 | --- | 12000 | --- | --- | 350 | 33 | 28 | 490 | <5 | 70 | 100 | <5 | <5 | <5 |
| GMW-36 | 11/29/12 | 8400 | --- | 6600 | --- | --- | 520 | 550 | 66 | 490 | <10 | 190 | <100 | <10 | <10 | <10 |
| GMW-36 | 04/12/13 | 560000 | --- | 19000 | --- | --- | 7400 | 20000 | 8900 | 50000 | <400 | 270 | <4000 | <400 | <400 | <400 |
| GMW-36 | 10/11/13 | 120000 | --- | 130000 | --- | --- | 9600 | 18000 | 3400 | 18000 | <200 | 380 | <2000 | <200 | <200 | <200 |
| GMW-36 | 10/28/15 | 19000 | --- | 16000 | --- | --- | 2300 | 82 | 500 | 2700 | <20 | 1500 | 710 | <20 | <20 | <20 |
| GMW-36 | 04/14/16 | 16000 | --- | 13000 | --- | --- | 660 | <10 | 170 | 1700 | <20 | 540 | 1400 | <20 | <20 | <20 |
| GMW-36 | 04/19/17 | 6900 | --- | 4000 | --- | --- | 1500 | <10 | 140 | <10 | <0.50 | 1900 | 7800 | <20 | <20 | 36 |
| GMW-36 | 10/05/17 | 630 | --- | 340 | --- | --- | 48 | 1.3 | 25 | 14 | 1.8 | 27 | 2500 * | <1 | <1 | 1.8 |
| GMW-36 | 04/20/18 | 68 | --- | 95 | --- | --- | 1.8 | <0.50 | 0.51 | 4.9 | <0.50 | <0.50 | 210 | <1 | <1 | <1 |
| GMW-36 | 11/08/18 | 160 | --- | 2100 | --- | --- | 0.64 | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 3000 | <1 | <1 | <1 |
| GMW-36 | 04/23/19 | 560 | --- | 18000 | --- | --- | 26 | <2.5 | <2.5 | <2.5 | <5 | 9.7 | 2200 | <5 | <5 | <5 |
| 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-36 | 02/25/21 | 160 | --- | 320 | --- | --- | <0.50 | <0.50 | <0.50 | 3.7 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-36 | 05/06/21 | <50 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 25 | <1.0 | <1.0 | <1.0 |
| GMW-36 | 08/31/21 | 2300 | --- | 2100 | --- | --- | 21 | 180 | 6.2 | 480 | <2.0 | 29 | 300 | <2.0 | <2.0 | 2.2 |
| GMW-36 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-36 | 03/10/22 | <50 | --- | 97 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-37 | 11/25/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|-------|---------------------|---------------------|------------|------------|--------------|------------|---------|-------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-37 | 07/11/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-37 | 01/06/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-37 | 05/26/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.50 | 0.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 11/11/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | --- | --- | --- | --- |
| GMW-37 | 05/07/99 | <500 | --- | <500 | --- | --- | 1.1 | 4.5 | <0.50 | 1.9 | <1 | 14 | --- | --- | --- | --- |
| GMW-37 | 11/18/99 | <416 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 16 | --- | --- | --- | --- |
| GMW-37 | 05/17/00 | <300 | 760 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 16 | --- | --- | --- | --- |
| GMW-37 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 34 | --- | --- | --- | --- |
| GMW-37 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 54 | --- | --- | --- | --- |
| GMW-37 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | --- | --- | --- | --- |
| GMW-37 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 49 | --- | --- | --- | --- |
| GMW-37 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | --- | --- | --- | --- |
| GMW-37 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.2 | --- | --- | --- | --- |
| GMW-37 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 49 | --- | --- | --- | --- |
| GMW-37 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.75 | --- | --- | --- | --- |
| GMW-37 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.86 | --- | --- | --- | --- |
| GMW-37 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.3 | --- | --- | --- | --- |
| GMW-37 | 01/27/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | --- | --- | --- | --- |
| GMW-37 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 08/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 09/18/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 10/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-37 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/19/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|------------|------------|--------------|-------------|---------|-------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-37 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 11/09/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-37 | 10/29/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-37 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-37 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-37 | 11/02/21 | <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 | --- | --- | --- | --- | --- | 1.8 | <0.50 | <0.50 | <1.5 | <0.50 | 7.7 | --- | --- | --- | --- |
| GMW-38 | 07/10/97 | <100 | --- | <500 | --- | --- | <0.50 | 2 | <0.50 | 0.83 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-38 | 01/05/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-38 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | 1.2 | --- | --- | --- | --- |
| GMW-38 | 11/12/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 25 | --- | --- | --- | --- |
| GMW-38 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | 1.5 | <0.50 | <0.50 | <1 | 7.9 | --- | --- | --- | --- |
| GMW-38 | 11/18/99 | <416 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| GMW-38 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | --- | --- | --- | --- |
| GMW-38 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | --- | --- | --- | --- |
| GMW-38 | 02/01/02 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| GMW-38 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | --- | --- | --- | --- |
| GMW-38 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 01/28/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | --- | --- | --- | --- |
| GMW-38 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | --- | --- | --- | --- |
| GMW-38 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.66 | --- | --- | --- | --- |
| GMW-38 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 09/18/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|------------|--------------|---------|---------|-------------|-----------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-38 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 08/30/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 11/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-38 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.74 | <10 | <1 | <1 | <1 |
| GMW-38 | 07/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.55 | 27 | <1 | <1 | <1 |
| GMW-38 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 29 | <1 | <1 | <1 |
| GMW-38 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 07/13/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 07/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 01/10/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 01/15/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-38 | 10/29/19 | <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-38 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-38 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-38 | 11/02/21 | <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 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-39 | 07/10/97 | <100 | --- | <500 | --- | --- | <0.50 | 0.5 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-39 | 01/05/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-39 | 05/19/98 | --- | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | 0.9 | --- | --- | --- | --- |
| GMW-39 | 11/12/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | --- | --- | --- | --- |
| GMW-39 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 2.9 | --- | --- | --- | --- |
| GMW-39 | 11/18/99 | <416 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 12 | --- | --- | --- | --- |
| GMW-39 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 9.4 | --- | --- | --- | --- |
| GMW-39 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 16 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-39 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-39 | 11/06/01 | <300 | <100 | --- | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | <0.50 | 39 | --- | --- | --- | --- |
| GMW-39 | 02/01/02 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 36 | --- | --- | --- | --- |
| GMW-39 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 20 | --- | --- | --- | --- |
| GMW-39 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 89 | --- | --- | --- | --- |
| GMW-39 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 32 | --- | --- | --- | --- |
| GMW-39 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 23 | --- | --- | --- | --- |
| GMW-39 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | --- | --- | --- | --- |
| GMW-39 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.6 | --- | --- | --- | --- |
| GMW-39 | 01/28/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.6 | --- | --- | --- | --- |
| GMW-39 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.8 | --- | --- | --- | --- |
| GMW-39 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | --- | --- | --- | --- |
| GMW-39 | 11/03/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | --- | --- | --- | --- |
| GMW-39 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| GMW-39 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-39 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-39 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-39 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.59 | --- | --- | --- | --- |
| GMW-39 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-39 | 09/19/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | --- | --- | --- | --- |
| GMW-39 | 12/06/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4 | --- | --- | --- | --- |
| GMW-39 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.5 | --- | --- | --- | --- |
| GMW-39 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | --- | --- | --- | --- |
| GMW-39 | 08/29/07 | <500 | <100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 3.6 | --- | --- | --- | --- |
| GMW-39 | 11/13/07 | 160 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 2.6 | --- | --- | --- | --- |
| GMW-39 | 02/20/08 | 110 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | --- | --- | --- | --- |
| GMW-39 | 04/16/08 | 90 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | --- | --- | --- | --- |
| GMW-39 | 08/14/08 | <100 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 1.1 | --- | --- | --- | --- |
| GMW-39 | 10/15/08 | <500 | <100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 5.6 | --- | --- | --- | --- |
| GMW-39 | 02/24/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3400 | --- | --- | --- |
| GMW-39 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4000 | <1 | <1 | <1 |
| GMW-39 | 07/21/09 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2500 | <1 | <1 | <1 |
| GMW-39 | 10/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | 2200 | <1 | <1 | <1 |
| GMW-39 | 03/16/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 130 | <1 | <1 | <1 |
| GMW-39 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 07/13/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 230 | <1 | <1 | <1 |
| GMW-39 | 10/07/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.75 | 550 | <1 | <1 | <1 |
| GMW-39 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 68 | <1 | <1 | <1 |
| GMW-39 | 04/13/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 07/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 96 | <1 | <1 | <1 |
| GMW-39 | 01/10/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 58 | <1 | <1 | <1 |
| GMW-39 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 38 | <1 | <1 | <1 |
| GMW-39 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 47 | <1 | <1 | <1 |
| GMW-39 | 01/15/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|------------|-------------|---------------------|---------------------|-------------|---------|--------------|-------------|---------|--------------|------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-39 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | 54 | <1 | <1 | <1 |
| GMW-39 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 420 | <1 | <1 | <1 |
| GMW-39 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 20 | <1 | <1 | <1 |
| GMW-39 | 10/30/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <10 | <1 | <1 | <1 |
| GMW-39 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.95 | <10 | <1 | <1 | <1 |
| GMW-39 | 10/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 04/14/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | <10 | <1 | <1 | <1 |
| GMW-39 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | <1 | <1 | <1 |
| GMW-39 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-39 | 10/29/19 | <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-39 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 370 | <1.0 | <1.0 | <1.0 |
| GMW-39 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-39 | 11/02/21 | <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 | 400 | --- | <500 | <500 | --- | 0.5 | <0.50 | 5.8 | 5.9 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-40 | 07/10/97 | 210 | --- | 2600 | <300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-40 | 01/07/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-40 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-40 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | 3.8 | 7.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-40 | 05/26/99 | <300 | <100 | --- | --- | --- | 0.9 | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | --- | --- | --- | --- |
| GMW-40 | 11/18/99 | <300 | 220 | --- | --- | --- | 2.8 | <0.50 | 0.9 | 2.8 | <0.50 | 9.3 | --- | --- | --- | --- |
| GMW-40 | 05/17/00 | <300 | 430 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | --- | --- | --- | --- |
| GMW-40 | 12/01/00 | <300 | 320 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-40 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-40 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | 1.1 | 3.1 | <0.50 | 19 | --- | --- | --- | --- |
| GMW-40 | 04/12/02 | <300 | <100 | --- | --- | --- | 1.7 | <0.50 | 0.7 | 0.9 | <0.50 | 17 | --- | --- | --- | --- |
| GMW-40 | 04/16/03 | --- | <100 | --- | --- | --- | 5.17 | <0.50 | 2.74 | 4.65 | <0.50 | 54.7 | --- | --- | --- | --- |
| GMW-40 | 10/08/03 | --- | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 52 | --- | --- | --- | --- |
| GMW-40 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 39 | <10 | <2 | <2 | <2 |
| GMW-40 | 11/06/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-40 | 05/07/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.7 | <0.50 | 0.76 | <10 | <2 | <2 | <2 |
| GMW-40 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.76 | <10 | <2 | <2 | <2 |
| GMW-40 | 05/05/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.9 | <10 | <2 | <2 | <2 |
| GMW-40 | 12/08/06 | --- | 110 | --- | --- | --- | 0.87 | <0.50 | <0.50 | 13.7 | <0.50 | 15 | <10 | <2 | <2 | <2 |
| GMW-40 | 05/03/07 | --- | 440 | --- | --- | --- | 3.7 | <0.50 | 2.2 | 27 | <0.50 | 46 | 63 | <2 | <2 | <2 |
| GMW-40 | 11/16/07 | --- | <100 | --- | --- | --- | 0.61 | <0.50 | 1.9 | 8.4 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-40 | 04/18/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-40 | 10/17/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | <2 | <2 | <2 |
| GMW-40 | 04/24/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-40 | 10/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.4 J | <10 | <2 | <2 | <2 |
| GMW-40 | 04/14/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <2 | <2 | <2 |
| GMW-40 | 10/06/10 | <50 | <100 | --- | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-40 | 10/08/13 | 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 | <100 | --- | 240 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-40 | 10/29/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-40 | 04/22/15 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-40 | 10/05/16 | <100 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-41 | 11/27/96 | 250 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- | --- |
| GMW-41 | 07/10/97 | 75 | --- | 1200 | <1000 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| GMW-41 | 01/07/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | --- | --- | --- | --- |
| GMW-41 | 05/26/99 | <300 | 116 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 11/18/99 | <300 | 390 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 05/17/00 | <300 | 280 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-41 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 04/12/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | --- | --- | --- | --- |
| GMW-41 | 10/24/02 | <300 | 1000 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | 1.1 | --- | --- | --- | --- |
| GMW-41 | 04/16/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-41 | 10/08/03 | --- | 350 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.4 | --- | --- | --- | --- |
| GMW-41 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | <10 | <2 | <2 | <2 |
| GMW-41 | 11/06/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.6 | <10 | <2 | <2 | <2 |
| GMW-41 | 05/07/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 05/05/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | <10 | <2 | <2 | <2 |
| GMW-41 | 11/16/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/18/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 10/17/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 10/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.43 J | <10 | <2 | <2 | <2 |
| GMW-41 | 04/14/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | 0.33 J | 5.7 J | <2 | <2 | <2 |
| GMW-41 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-41 | 10/06/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-41 | 04/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 10/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5.4 J | <2 | <2 | <2 |
| GMW-41 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-41 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 J | <10 | <2 | <2 | <2 |
| GMW-41 | 10/28/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.2 | <10 | <2 | <2 | <2 |
| GMW-41 | 10/05/16 | <100 | --- | 330 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/20/17 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/20/18 | <100 | --- | 690 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-41 | 11/06/18 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-41 | 04/17/19 | <100 | --- | 140 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-41 | 10/31/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-41 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| GMW-41 | 05/04/21 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-41 | 11/04/21 | <100 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-42 | 11/05/98 | 7530 | 3340 | --- | --- | --- | 800 | <7.5 | 55 | 810 | --- | --- | --- | --- | --- | --- |
| GMW-42 | 05/27/99 | 6510 | 14200 | --- | --- | --- | 1100 | 110 | 60 | 580 | --- | --- | --- | --- | --- | --- |
| GMW-42 | 11/18/99 | 7900 | 17000 | --- | --- | --- | 810 | 490 | 180 | 1200 | --- | --- | --- | --- | --- | --- |
| GMW-42 | 05/17/00 | 3800 | 20000 | --- | --- | --- | 9.9 | 1.2 | 26 | 230 | --- | --- | --- | --- | --- | --- |
| GMW-42 | 12/01/00 | 380 | 2700 | --- | --- | --- | 1 | <0.30 | <0.30 | <0.60 | --- | 18 | --- | --- | --- | --- |
| GMW-42 | 05/10/01 | 490 | 620 | --- | --- | --- | 24 | 40 | 11 | 79 | --- | 5.3 | --- | --- | --- | --- |
| GMW-42 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 1.6 | --- | <5 | --- | --- | --- | --- |
| GMW-42 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | 7 | --- | --- | --- | --- |
| GMW-42 | 10/09/13 | <100 | --- | 120 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-42 | 04/14/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-42 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-42 | 04/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-42 | 04/17/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | 1.6 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-42 | 10/03/17 | <100 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-42 | 04/20/18 | <100 | --- | 140 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-42 | 11/08/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10J | <2 | <2 | <2 |
| GMW-42 | 04/17/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-42 | 10/29/19 | <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-42 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| GMW-42 | 05/04/21 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-42 | 11/04/21 | <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 | 620 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 07/10/97 | <50 | --- | <50 | <50 | --- | <0.50 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 01/07/98 | <500 | --- | <100 | <100 | --- | 0.3 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 05/17/00 | <300 | 170 | --- | --- | --- | 0.92 | <0.30 | 0.45 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-43 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 11/07/01 | <300 | 150 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 04/14/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-43 | 10/08/03 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 04/21/04 | --- | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | --- | <1 | --- | --- | --- | --- |
| GMW-43 | 11/06/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|------------|---------------|---------------------|---------------------|-------------|-------------|--------------|-------------|---------|----------|-----------|-------|-------|-------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-43 | 05/10/05 | --- | <100 | --- | --- | --- | <0.30 | 0.68 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 11/08/05 | --- | 200 | --- | --- | --- | <0.30 | 0.47 | <0.30 | 0.31 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 05/04/06 | --- | 180 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | 8 | --- | --- | --- | --- |
| GMW-43 | 11/15/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-43 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | <0.50 | <0.50 | <0.50 |
| GMW-43 | 10/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/15/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 10/08/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-43 | 04/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 10/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 19 | <2 | <2 | <2 |
| GMW-43 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/08/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 10/07/13 | <100 | --- | 180 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/14/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-43 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/17/17 | <100 | --- | 550 | --- | --- | <0.50 | <0.50 | 0.98 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/18/18 | <100 | --- | 660 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-43 | 11/06/18 | <100 | --- | 240 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-43 | 04/19/19 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-43 | 10/31/19 | <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 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-43 | 10/22/20 | <100 | --- | 390 J | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-43 | 05/10/21 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-43 | 11/08/21 | <100 | --- | 220 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-44 | 11/27/96 | 820 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 07/10/97 | 68 | --- | 1100 | <1000 | --- | <0.50 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 01/06/98 | <500 | --- | 700 | <100 | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 11/18/99 | <300 | 310 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 05/17/00 | <300 | 240 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 1.9 | --- | --- | --- | --- | --- | --- |
| GMW-44 | 11/30/00 | <300 | 280 | --- | --- | --- | 0.98 | <0.30 | 0.95 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 05/09/01 | <300 | 190 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 11/07/01 | <300 | 270 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 10/23/02 | <300 | 120 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 04/14/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-44 | 10/08/03 | --- | 230 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 04/21/04 | --- | 160 | --- | --- | --- | <0.50 | <1 | <1 | <1 | --- | <1 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|-------|-------|-------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-44 | 11/04/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 05/06/05 | --- | 120 | --- | --- | --- | 0.45 | 0.68 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 11/08/05 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 0.39 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 05/04/06 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 05/04/07 | --- | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | 8.3 | --- | --- | --- | --- |
| GMW-44 | 11/15/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| GMW-44 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | <0.50 | <0.50 | <0.50 |
| GMW-44 | 10/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/15/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/08/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-44 | 04/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | <2 | <2 | <2 |
| GMW-44 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/08/13 | --- | --- | 100 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/14/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/22/15 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/05/16 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/20/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/03/17 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/18/18 | 160 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-44 | 11/06/18 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-44 | 04/19/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-44 | 10/29/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-44 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| GMW-44 | 05/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-44 | 11/02/21 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-45 | 11/22/96 | 23000 | --- | <500 | <500 | --- | 1100 | 230 | 580 | 2900 | <0.50 | --- | --- | --- | --- | --- |
| GMW-45 | 07/09/97 | 1100 | --- | 2700 | <2000 | --- | 330 | <5 | 280 | 930 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 01/06/98 | 3200 | --- | 3400 | 4700 | --- | 286 | 1.3 | 188 | 543 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 05/20/98 | 4200 | --- | --- | --- | --- | 270 | 221 | 109 | 569 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 11/05/98 | 1400 | <100 | --- | --- | --- | 81 | <0.30 | 40 | 75 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 05/27/99 | 3750 | 3890 | --- | --- | --- | 420 | <0.60 | 180 | 390 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 11/18/99 | 3960 | 3100 | --- | --- | --- | 380 | <3 | 140 | 100 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 05/17/00 | 5200 | 5500 | --- | --- | --- | 620 | 8 | 87 | 37 | --- | --- | --- | --- | --- | --- |
| GMW-45 | 11/29/00 | 2400 | 3100 | --- | --- | --- | 330 | 1.3 | 6 | 4 | --- | <10 | --- | --- | --- | --- |
| GMW-45 | 05/09/01 | 6500 | 4100 | --- | --- | --- | 620 | 74 | 51 | 420 | --- | <50 | --- | --- | --- | --- |
| GMW-45 | 11/07/01 | 5700 | 3000 | --- | --- | --- | 730 | <3 | 8.5 | 19 | --- | <50 | --- | --- | --- | --- |
| GMW-45 | 04/10/02 | 9800 | 6500 | --- | --- | --- | 900 | 21 | 69 | 240 | --- | 240 | --- | --- | --- | --- |
| GMW-45 | 10/23/02 | 3200 | 1300 | --- | --- | --- | 770 | 5.5 | 120 | 290 | --- | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-45 | 04/10/03 | --- | 1570 | --- | --- | --- | 344 | 10.8 | 5.56 | 10.1 | --- | <6 | --- | --- | --- | --- |
| GMW-45 | 10/08/03 | --- | 3400 | --- | --- | --- | 470 | <0.60 | 6.5 | 3.7 | --- | <10 | --- | --- | --- | --- |
| GMW-45 | 04/21/04 | --- | 1400 | --- | --- | --- | 140 | <1 | 2.5 | <1 | --- | <1 | --- | --- | --- | --- |
| GMW-45 | 11/04/04 | --- | 1500 | --- | --- | --- | 84 | <0.30 | 3 | 2.9 | --- | <5 | --- | --- | --- | --- |
| GMW-45 | 05/05/05 | --- | 6900 | --- | --- | --- | 670 | 17 | 520 | 720 | --- | <50 | --- | --- | --- | --- |
| GMW-45 | 11/05/05 | --- | 2200 | --- | --- | --- | 340 | 0.46 | 130 | 250 | --- | 10 | --- | --- | --- | --- |
| GMW-45 | 05/03/06 | --- | 2400 | --- | --- | --- | 76 | 4.1 | 11 | 16 | --- | <5 | --- | --- | --- | --- |
| GMW-45 | 12/05/06 | --- | 1200 | --- | --- | --- | 67 | 1.9 | 3.6 | 6.4 | --- | <5 | --- | --- | --- | --- |
| GMW-45 | 05/02/07 | --- | 1500 | --- | --- | --- | 37 | 0.56 | 2 | 3 | --- | 11 | --- | --- | --- | --- |
| GMW-45 | 11/14/07 | --- | 590 | --- | --- | --- | 42 | <0.50 | <0.50 | <1 | --- | 9.6 | --- | --- | --- | --- |
| GMW-45 | 04/16/08 | --- | 1500 | --- | --- | --- | 21 | 0.52 | 1.4 | 2.9 | --- | <5 | --- | --- | --- | --- |
| GMW-45 | 10/15/08 | --- | --- | --- | --- | 730 | 9.7 | <0.50 | 1.9 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-45 | 04/21/09 | --- | --- | --- | --- | 1200 | 11 | <2 | <2 | <2 | --- | <2 | --- | --- | --- | --- |
| GMW-45 | 10/21/09 | --- | --- | --- | --- | 1600 | 15 | <0.50 | 2.2 | <0.50 | <0.50 | <0.50 | 11 | <2 | <2 | <2 |
| GMW-45 | 04/12/10 | --- | --- | --- | --- | 1700 | 85 | <0.50 | 2.6 | 0.28 | --- | <0.50 | 11 | <2 | <2 | <2 |
| GMW-45 | 10/07/10 | --- | --- | --- | --- | 1400 | 53 | --- | --- | --- | <0.50 | <0.50 | 15 | --- | --- | --- |
| GMW-45 | 04/14/11 | --- | --- | --- | --- | 1400 | 150 | <0.50 | 3.6 | 0.94 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-45 | 10/11/11 | --- | --- | --- | --- | 1600 | 43 | <0.33 | 1.8 | 0.29 J | <0.50 | <0.50 | 41 | <2 | <2 | <2 |
| GMW-45 | 04/19/12 | --- | --- | --- | --- | 1700 | 28 | 0.24 J | 1.9 | 0.8 J | <0.50 | <0.50 | 28 | <2 | <2 | <2 |
| GMW-45 | 10/17/12 | --- | --- | --- | --- | 1300 | 44 | <0.50 | 1.6 | <0.50 | <0.50 | <0.50 | 20 | <2 | <2 | <2 |
| GMW-45 | 04/11/13 | --- | --- | 3400 b | --- | --- | 24 | <0.50 | 1.4 | 0.59 J | <0.50 | <0.50 | 13 | <2 | <2 | <2 |
| GMW-45 | 10/30/14 | 1500 | --- | 3700 | --- | --- | 0.78 | <0.50 | 0.52 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-45 | 10/10/16 | 2200 | --- | 4500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-45 | 05/10/19 | 3500 | --- | 25000 | --- | --- | 90 | 2.5 | 42 | 380 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-45 | 11/07/19 | 4300 | --- | 9400 | --- | --- | 99 | 3.6 | 49 | 269.6 | <2.5 | <1.2 | <50 | <10 | <10 | <10 |
| GMW-45 | 05/11/20 | 1500 | --- | 2700 | --- | --- | 31 | <5.0 | 87 | 140 | <5.0 | <12 | <100 | <20 | <20 | <20 |
| GMW-45 | 10/26/20 | 2700 | --- | 720 | --- | --- | 54 | <2.5J | 29 J | 80 | <2.5 | <6.0 | <50 | <10 | <10 | <10 |
| GMW-45 | 05/10/21 | 1200 | --- | 1900 | --- | --- | 1.1 | <1.0 | <1.0 | <2.0 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 |
| GMW-45 | 11/08/21 | 230 | --- | 790 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-47 | 11/27/96 | 9600 | --- | <500 | <500 | --- | 1800 | <25 | 160 | 660 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 07/09/97 | 420 | --- | 93 | <400 | --- | 350 | <1 | 170 | 79 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 01/06/98 | 1900 | --- | <100 | 1800 | --- | 438 | 11 | 75 | 253 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-47 | 05/20/98 | <300 | --- | --- | --- | --- | 1 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 11/05/98 | 1700 | <100 | --- | --- | --- | 910 | 4.9 | 18 | 140 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 05/26/99 | <300 | <100 | --- | --- | --- | 130 | <0.30 | 0.33 | 3 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 11/18/99 | 2100 | 1200 | --- | --- | --- | 1100 | 0.77 | 5.8 | 27 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 05/17/00 | 7200 | 8000 | --- | --- | --- | 2300 | 700 | 200 | 1100 | --- | --- | --- | --- | --- | --- |
| GMW-47 | 11/29/00 | 990 | 1100 | --- | --- | --- | 280 | 0.59 | 2.2 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-47 | 03/30/01 | --- | <50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-47 | 05/09/01 | 7600 | 4100 | --- | --- | --- | 1400 | 110 | 55 | 590 | --- | 16 | --- | --- | --- | --- |
| GMW-47 | 11/07/01 | 1500 | 350 | --- | --- | --- | 410 | 8.2 | 8.7 | 150 | --- | <50 | --- | --- | --- | --- |
| GMW-47 | 04/10/02 | 4100 | 1200 | --- | --- | --- | 710 | 150 | 9.2 | 360 | --- | <25 | --- | --- | --- | --- |
| GMW-47 | 10/23/02 | 4000 | 2900 | --- | --- | --- | 430 | <5 | 26 | 99.9 | <2.5 | <5 | --- | --- | --- | --- |
| GMW-47 | 04/09/03 | --- | <100 | --- | --- | --- | 1.37 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-47 | 09/18/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-47 | 10/08/03 | 140 | 380 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|----|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME | |
| GMW-47 | 02/21/04 | --- | --- | --- | <100 | --- | 4.2 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- | |
| GMW-47 | 04/21/04 | 160 | 640 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 07/21/04 | 330 | 330 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- | |
| GMW-47 | 11/03/04 | <100 | 430 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 03/02/05 | 170 | 110 | --- | --- | --- | 33 | <1 | 5.8 | <1 | --- | <1 | --- | --- | --- | --- | |
| GMW-47 | 05/05/05 | 420 | 530 | --- | --- | --- | 22 | <0.50 | 6 | 17.55 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 08/04/05 | <100 | 110 | --- | --- | --- | 3.4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 11/05/05 | <100 | 250 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 03/08/06 | <100 | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 05/03/06 | <100 | 340 | --- | --- | --- | 2.3 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 07/28/06 | <100 | 440 | --- | --- | --- | 0.95 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 12/05/06 | <100 | 200 | --- | --- | --- | 5.4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 03/23/07 | <100 | 420 | --- | --- | --- | 11 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 05/02/07 | <100 | 320 | --- | --- | --- | 4.8 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 08/31/07 | <100 | 400 | --- | --- | --- | 1.8 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 11/13/07 | <100 | 180 | --- | --- | --- | 0.83 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 02/07/08 | <100 | 290 | --- | --- | --- | 1.7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 04/16/08 | <100 | 270 | --- | --- | --- | 1.6 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 07/29/08 | <100 | 450 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 10/15/08 | <100 | --- | --- | --- | --- | 300 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 02/12/09 | 170 | --- | --- | --- | --- | 460 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 04/20/09 | 180 | --- | --- | --- | --- | 730 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-47 | 07/20/09 | 200 | --- | --- | --- | --- | 1400 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 15 | <2 | <2 | <2 | |
| GMW-47 | 10/19/09 | 170 | --- | --- | --- | --- | 1200 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 15 | <2 | <2 | <2 | |
| GMW-47 | 01/11/10 | --- | --- | --- | --- | --- | 1300 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 17 | <2 | <2 | <2 | |
| GMW-47 | 04/19/10 | --- | --- | --- | --- | --- | 930 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 13 | <2 | <2 | <2 | |
| GMW-47 | 10/06/10 | --- | --- | --- | --- | --- | 1800 | 0.35 J | --- | --- | <0.50 | <0.50 | 16 | --- | --- | --- | |
| GMW-47 | 01/11/11 | --- | --- | --- | --- | --- | 1600 | 5.2 | <0.50 | 0.75 | <0.50 | <0.50 | 1.2 | 17 | <2 | <2 | <2 |
| GMW-47 | 04/14/11 | --- | --- | --- | --- | --- | 1800 | 0.36 J | <0.50 | 0.27 J | <0.50 | <0.50 | 2.6 | <10 | <2 | <2 | <2 |
| GMW-47 | 07/12/11 | --- | --- | --- | --- | --- | 3000 | 0.54 | <0.50 | 0.58 | <0.50 | <0.50 | 3.8 | 32 | <2 | <2 | <2 |
| GMW-47 | 10/11/11 | --- | --- | --- | --- | --- | 3900 | 0.55 | <0.50 | 0.99 | 0.32 J | <0.50 | 6.1 | 46 | <2 | <2 | <2 |
| GMW-47 | 01/10/12 | --- | --- | --- | --- | --- | 2900 | 0.63 | <0.50 | 0.74 | 0.36 J | <0.50 | 7.9 | 110 | <2 | <2 | <2 |
| GMW-47 | 04/20/12 | --- | --- | --- | --- | --- | 2300 | 0.52 | <0.50 | 0.68 | 0.31 J | <0.50 | 5 | 310 | <2 | <2 | <2 |
| GMW-47 | 07/10/12 | --- | --- | --- | --- | --- | 2600 | 0.15 J | <0.50 | 0.29 J | 0.31 | <0.50 | 6.5 | 250 | <2 | <2 | <2 |
| GMW-47 | 10/17/12 | --- | --- | --- | --- | --- | 1400 | 0.46 J | <0.50 | 0.17 J | <0.50 | <0.50 | 4.5 | 310 | <2 | <2 | <2 |
| GMW-47 | 01/15/13 | --- | --- | 580 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | 320 | <2 | <2 | <2 |
| GMW-47 | 04/11/13 | --- | --- | 1500 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5.4 | 150 | <2 | <2 | <2 |
| GMW-47 | 10/08/13 | <100 | --- | 990 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.8 | 490 | <2 | <2 | <2 |
| GMW-47 | 04/16/14 | <100 | --- | 1500 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6 | 280 | <2 | <2 | <2 |
| GMW-47 | 10/29/14 | <100 | --- | 2100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 5.8 | 130 | <2 | <2 | <2 |
| GMW-47 | 04/28/15 | <100 | --- | 2100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 5.9 | 350 | <2 | <2 | <2 |
| GMW-47 | 10/26/15 | <100 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 4.8 | 31 | <2 | <2 | <2 |
| GMW-47 | 04/14/16 | <100 | --- | 450 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 5.7 | <10 | <2 | <2 | <2 |
| GMW-47 | 10/07/16 | <100 | --- | 2000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 4.9 | 120 | <2 | <2 | <2 |
| GMW-47 | 04/21/17 | <100 | --- | 860 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-47 | 10/04/17 | <100 | --- | 980 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 8.6 | 410 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-47 | 04/23/18 | <100 | --- | 890 | --- | --- | 0.61 | <0.50 | <0.50 | <1 | <0.50 | 6.5 | 220 | <2 | <2 | <2 |
| GMW-47 | 11/12/18 | <100 | --- | 2400 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2.2 | 24 | <2 | <2 | <2 |
| GMW-47 | 04/22/19 | <100 | --- | 1000 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2.6 | <10 | <2 | <2 | <2 |
| GMW-47 | 05/10/19 | <100 | --- | 2100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.2 | 250 | <2 | <2 | <2 |
| GMW-47 | 11/06/19 | <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 | 170 | --- | 1800 | --- | --- | 1.2 | <0.50 | <0.50 | <1.0 | <0.50 | 14 | 1100 | <2.0 | <2.0 | <2.0 |
| GMW-47 | 10/26/20 | 130 | --- | 750 | --- | --- | <0.50 | <0.50J | <0.50J | <1.0 | <0.50 | 5.1 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-47 | 05/10/21 | 140 | --- | 790 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 1.3 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-47 | 11/05/21 | 240 | --- | 590 | --- | --- | 15 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | 27 | <2.0 | <2.0 | <2.0 |
| GMW-48 | 11/22/96 | 56000 | --- | <500 | <500 | --- | 10000 | 1800 | 1500 | 6900 | 0.8 | --- | --- | --- | --- | --- |
| GMW-48 | 10/09/13 | 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 | 1800 HD | --- | 1900 HD | --- | --- | 400 | <1.2 | 1.7 | 1.27 | <1.2 | <1.2 | 44 | <5 | <5 | <5 |
| GMW-48 | 10/31/14 | 2600 | --- | 3100 | --- | --- | 450 | <0.50 | 2.1 | <1 | <0.50 | <2 | 21 | <2 | <2 | <2 |
| GMW-48 | 04/29/15 | 1000 | --- | 2400 | --- | --- | 300 | <2.5 | 2.5 | <5 | <2.5 | <10 | <50 | <10 | <10 | <10 |
| GMW-48 | 10/26/15 | 1500 | --- | 1800 | --- | --- | 170 | <2.5 | 18 | 130 | <2.5 | <10 | <50 | <10 | <10 | <10 |
| GMW-48 | 10/11/16 | 470 | --- | 1100 | --- | --- | 200 | <1 | <1 | <2 | <1 | <2 | <20 | <4 | <4 | <4 |
| GMW-48 | 04/21/17 | 460 | --- | 1500 | --- | --- | 190 | <0.50 | 0.5 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-48 | 10/09/17 | 360 | --- | 1400 | --- | --- | 190 | <1 | <1 | <2 | <1 | <2 | <20 | <4 | <4 | <4 |
| GMW-48 | 04/23/18 | 280 | --- | 810 | --- | --- | 130 | <2.5 | <2.5 | <5 | <2.5 | <5 | <50 | <10 | <10 | <10 |
| GMW-48 | 11/15/18 | 150 | --- | 690 | --- | --- | 1 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-48 | 04/18/19 | <100 | --- | 500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-48 | 10/30/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-48 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-48 | 05/05/21 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-48 | 11/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-4R | 04/18/17 | 84 | --- | 70 | --- | --- | 6.1 | <0.50 | 2.2 | 1.2 | <0.50 | 0.74 | <10 | <1 | <1 | <1 |
| GMW-4R | 10/05/17 | <50 | --- | 70 | --- | --- | 1.3 | <0.50 | <0.50 | <0.50 | <0.50 | 0.56 | <10 | <1 | <1 | <1 |
| GMW-4R | 04/19/18 | 100 | --- | 50 | --- | --- | 1.1 | <0.50 | 1.2 | 0.55 | <0.50 | 0.68 | <10 | <1 | <1 | <1 |
| GMW-4R | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-4R | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | 1.6 | 0.56 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-4R | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-4R | 11/05/20 | <50 | --- | 58 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-4R | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-4R | 11/02/21 | 120 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.0 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-50 | 01/10/12 | --- | --- | --- | --- | 820 | 48 | <0.50 | 0.24 J | 2.5 | <0.50 | 0.47 J | 9.6 J | <2 | <2 | <2 |
| GMW-50 | 04/14/16 | <100 | --- | 440 | --- | --- | 35 | <0.50 | <0.50 | <1 | <0.50 | 1.3 | <10 | <2 | <2 | <2 |
| GMW-54 | 04/22/15 | <100 | --- | 1800 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2.3 | <10 | <2 | <2 | <2 |
| GMW-54 | 04/21/17 | <100 | --- | 850 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | 16 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-56 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-56 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-56 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| GMW-56 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-56 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-56 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| GMW-56 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | 12 | --- | --- | --- | --- |
| GMW-56 | 04/10/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-56 | 10/08/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-56 | 04/21/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 11/04/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 05/05/05 | --- | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 11/05/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 05/03/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 05/02/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/16/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.94 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/15/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.2 J | <2 | <2 | <2 |
| GMW-56 | 04/12/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/15/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/08/13 | <100 | --- | 190 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/27/14 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/13/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | 0.62 | 0.73 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/04/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/03/17 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/17/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 11/05/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 04/16/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-56 | 10/29/19 | <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 |
| GMW-56 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-56 | 05/06/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-56 | 11/03/21 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-57 | 11/05/98 | <300 | <100 | --- | --- | --- | 12 | 0.63 | 4.5 | 0.97 | --- | --- | --- | --- | --- | --- |
| GMW-57 | 05/26/99 | 379 | <100 | --- | --- | --- | 150 | 15 | 12 | 55 | --- | --- | --- | --- | --- | --- |
| GMW-57 | 11/18/99 | 4000 | 3600 | --- | --- | --- | 950 | 240 | 150 | 750 | --- | --- | --- | --- | --- | --- |
| GMW-57 | 05/17/00 | 17000 | <100 | --- | --- | --- | 3200 | 2200 | 750 | 4300 | --- | --- | --- | --- | --- | --- |
| GMW-57 | 11/29/00 | 11000 | 7100 | --- | --- | --- | 2300 | 21 | 340 | 1800 | --- | <100 | --- | --- | --- | --- |
| GMW-57 | 03/30/01 | --- | 1800 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-57 | 05/09/01 | 28000 | 12000 | --- | --- | --- | 3300 | 3100 | 690 | 3600 | --- | <50 | --- | --- | --- | --- |
| GMW-57 | 11/07/01 | 19000 | 11000 | --- | --- | --- | 3900 | 1600 | 390 | 3400 | --- | <500 | --- | --- | --- | --- |
| GMW-57 | 04/10/02 | 5000 | 5300 | --- | --- | --- | 720 | 150 | 8.2 | 360 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-57 | 10/23/02 | 1700 | 2000 | --- | --- | --- | 690 | <0.30 | 3.2 | 5.7 | --- | <5 | --- | --- | --- | --- |
| GMW-57 | 04/09/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | --- | <3 | --- | --- | --- | --- |
| GMW-57 | 09/18/03 | --- | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-57 | 10/11/03 | 200 | 650 | --- | --- | --- | 47 | <0.50 | 0.57 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-57 | 02/21/04 | --- | --- | --- | 470 | --- | 190 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- |
| GMW-57 | 04/21/04 | 110 | 710 | --- | --- | --- | 21 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 07/21/04 | 340 | 720 | --- | --- | --- | 48 | <0.50 | <0.50 | <0.50 | --- | <0.50 | 270 | 57 | 54 | 50 |
| GMW-57 | 11/03/04 | 120 | 270 | --- | --- | --- | 22 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 03/02/05 | 400 | 170 | --- | --- | --- | 190 | <1 | 2.5 | <1 | --- | <1 | --- | --- | --- | --- |
| GMW-57 | 05/05/05 | 280 | 170 | --- | --- | --- | 57 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 08/04/05 | 170 | 430 | --- | --- | --- | 120 | <0.50 | 0.54 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 11/05/05 | 120 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 03/08/06 | 180 | 180 | --- | --- | --- | 4.8 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 05/03/06 | <100 | 280 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 07/28/06 | 180 | 1100 | --- | --- | --- | 1.8 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 12/05/06 | <100 | 290 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 03/23/07 | 120 | 540 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 05/02/07 | 120 | 720 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 08/31/07 | 110 | 700 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 11/13/07 | 160 | 450 | --- | --- | --- | 0.72 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 02/07/08 | 150 | 720 | --- | --- | --- | 4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/16/08 | <100 | 540 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 07/29/08 | <100 | 390 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/15/08 | <100 | --- | --- | --- | 210 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 02/12/09 | <100 | --- | --- | --- | 140 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/20/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 07/21/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/19/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 8.1 J | <2 | <2 | <2 |
| GMW-57 | 01/11/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/12/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/06/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-57 | 01/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/11/11 | --- | --- | --- | --- | <100 | 1.4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 07/11/11 | --- | --- | --- | --- | 130 | 10 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/11/11 | --- | --- | --- | --- | <100 | 1.6 | <0.50 | <0.50 | 0.48 J | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 01/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/17/12 | --- | --- | --- | --- | 200 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 07/09/12 | --- | --- | --- | --- | 330 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/16/12 | --- | --- | --- | --- | 110 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 01/14/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/08/13 | --- | --- | 180 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/08/13 | <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 | <100 | --- | 340 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.68 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/29/14 | 140 | --- | 380 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/28/15 | <100 | --- | 310 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/22/15 | <100 | --- | 440 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/13/16 | <100 | --- | 400 | --- | --- | <0.50 | <0.50 | 0.8 | 2.8 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-57 | 10/07/16 | <100 | --- | 570 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.4 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/20/17 | <100 | --- | 670 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.7 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-57 | 10/04/17 | <100 | --- | 380 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 5.1 | 52 | <2 | <2 | <2 |
| GMW-57 | 04/17/18 | <100 | --- | 370 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 4.8 | 72 | <2 | <2 | <2 |
| GMW-57 | 11/09/18 | <100 | --- | 730 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-57 | 04/18/19 | <100 | --- | 370 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.2 | 69 | <2 | <2 | <2 |
| GMW-57 | 10/30/19 | <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 | 160 | --- | 170 | --- | --- | 2.3 | 4.3 | 9.3 | 17.7 | <0.50 | <1.2 | 32 | <2.0 | <2.0 | <2.0 |
| GMW-57 | 10/23/20 | <100 | --- | 320 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | 15 | <2.0 | <2.0 | <2.0 |
| GMW-57 | 05/10/21 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-57 | 11/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-58 | 11/04/98 | 2590 | 1700 | --- | --- | --- | 200 | 210 | 67 | 280 | --- | --- | --- | --- | --- | --- |
| GMW-58 | 05/26/99 | 1360 | 451 | --- | --- | --- | 310 | 62 | 42 | 170 | --- | --- | --- | --- | --- | --- |
| GMW-58 | 11/18/99 | 1600 | 1900 | --- | --- | --- | 82 | 26 | 20 | 100 | --- | --- | --- | --- | --- | --- |
| GMW-58 | 05/17/00 | 21000 | 36000 | --- | --- | --- | 3500 | 5900 | 730 | 3900 | --- | --- | --- | --- | --- | --- |
| GMW-58 | 03/02/05 | 5800 | 22000 | --- | --- | --- | 1700 | <20 | 250 | 400 | --- | <20 | --- | --- | --- | --- |
| GMW-58 | 05/05/05 | 12000 | 36000 | --- | --- | --- | 410 | <2.5 | 13 | 600 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-58 | 08/04/05 | 5800 | 24000 | --- | --- | --- | 500 | <2.5 | 56 | 124 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-58 | 11/05/05 | 6300 | 9700 | --- | --- | --- | 560 | <2.5 | 380 | 196 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-58 | 03/08/06 | 5300 | 34000 | --- | --- | --- | 250 | <2.5 | 140 | 21.1 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-58 | 05/03/06 | 2900 | 16000 | --- | --- | --- | 260 | <1 | 85 | 27.3 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-58 | 07/28/06 | 3200 | 15000 | --- | --- | --- | 310 | <1 | 78 | 22.7 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-58 | 03/23/07 | 1700 | 4100 | --- | --- | --- | 350 | <1 | 5.9 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-58 | 05/02/07 | 2200 | 2500 | --- | --- | --- | 320 | <1 | 9.5 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-58 | 08/31/07 | 3000 | 2400 | --- | --- | --- | 240 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-58 | 11/13/07 | 2000 | 720 | --- | --- | --- | 240 | <1 | 7.4 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-58 | 02/07/08 | 1100 | 5000 | --- | --- | --- | 270 | <1 | 1.8 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-58 | 04/16/08 | 1100 | 720 | --- | --- | --- | 310 | <2.5 | <2.5 | <2.5 | 8.4 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-58 | 07/29/08 | 870 | 750 | --- | --- | --- | 45 | <0.50 | <0.50 | <0.50 | <0.50 | 0.77 | <10 | <2 | <2 | <2 |
| GMW-58 | 10/15/08 | 1200 | --- | --- | --- | 840 | 62 | <0.50 | 0.67 | 0.62 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-58 | 02/12/09 | 1000 | --- | --- | --- | 2200 | 36 | <0.50 | 0.85 | <0.50 | <0.50 | 0.55 | <10 | <2 | <2 | <2 |
| GMW-58 | 04/20/09 | 130 | --- | --- | --- | 230 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 13 | <10 | <2 | <2 | <2 |
| GMW-58 | 07/20/09 | 100 | --- | --- | --- | 300 | 1.2 | <0.50 | <0.50 | <0.50 | <0.50 | 6.4 | <10 | <2 | <2 | <2 |
| GMW-58 | 10/19/09 | 1000 | --- | --- | --- | 2200 | 9.5 | <0.50 | 0.24 J | <0.50 | <0.50 | 1.5 | 6 J | <2 | <2 | <2 |
| GMW-58 | 01/11/10 | --- | --- | --- | --- | 190 | 9.7 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | 3.8 J | <2 | <2 | <2 |
| GMW-58 | 04/19/10 | --- | --- | --- | --- | 300 | 12 | <0.50 | <0.50 | <0.50 | <0.50 | 0.81 | 5.7 J | <2 | <2 | <2 |
| GMW-58 | 10/06/10 | --- | --- | --- | --- | 170 | 8.6 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-58 | 01/10/11 | --- | --- | --- | --- | 410 | 5.8 | <0.50 | <0.50 | <0.50 | <0.50 | 0.46 J | <10 | <2 | <2 | <2 |
| GMW-58 | 04/13/11 | --- | --- | --- | --- | 1300 | 94 | <0.50 | 0.35 J | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-58 | 07/11/11 | --- | --- | --- | --- | 220 | 31 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-58 | 10/11/11 | --- | --- | --- | --- | 350 | 27 | <0.50 | <0.50 | <0.50 | <0.50 | 0.65 | <10 | <2 | <2 | <2 |
| GMW-58 | 04/18/12 | --- | --- | --- | --- | 710 | 28 | <0.50 | 0.18 J | 0.48 J | 0.82 | 0.54 | <10 | <2 | <2 | <2 |
| GMW-58 | 07/10/12 | --- | --- | --- | --- | 890 | 27 | <0.50 | <0.50 | <0.50 | <0.50 | 0.46 J | 18 | <2 | <2 | <2 |
| GMW-58 | 10/17/12 | --- | --- | --- | --- | 790 | 18 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-58 | 01/15/13 | --- | --- | 420 b | --- | --- | 8.7 | <0.50 | <0.50 | 0.32 | <0.50 | <0.50 | 17 | <2 | <2 | <2 |
| GMW-58 | 04/10/13 | --- | --- | 1600 b | --- | --- | 6.7 | <0.50 | <0.50 | <0.50 | <0.50 | 0.46 J | 25 | <2 | <2 | <2 |
| GMW-58 | 10/08/13 | 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 | 600 HD | --- | 920 HD | --- | --- | 12 | <0.50 | 0.24 J | <0.50 | <0.50 | 0.64 | 17 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|-----|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME | |
| GMW-58 | 10/29/14 | 280 | --- | 340 | --- | --- | 37 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 | |
| GMW-58 | 04/28/15 | <100 | --- | 410 | --- | --- | 1.1 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 | |
| GMW-58 | 04/15/16 | <100 | --- | 290 | --- | --- | 1.3 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-58 | 04/20/17 | 150 | --- | 1400 | --- | --- | 1.6 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-58 | 10/09/17 | <100 | --- | 960 | --- | --- | 21 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-58 | 11/07/19 | 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 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-58 | 10/22/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-58 | 05/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-58 | 11/02/21 | <100 | --- | 420 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-59 | 11/04/98 | 9880 | 12400 | --- | --- | --- | 950 | 600 | 210 | 620 | --- | --- | --- | --- | --- | --- | |
| GMW-59 | 11/29/00 | 67000 | 21000 | --- | --- | --- | 3500 | 900 | 750 | 3600 | --- | <130 | --- | --- | --- | --- | |
| GMW-59 | 04/10/03 | --- | 29600 | --- | --- | --- | 261 | 4.8 | 18.4 | 110 | --- | <3 | --- | --- | --- | --- | |
| GMW-59 | 10/08/03 | --- | 4900 | --- | --- | --- | 760 | <3 | 65 | 450 | --- | <50 | --- | --- | --- | --- | |
| GMW-59 | 04/21/04 | --- | 5000 | --- | --- | --- | 590 | <1 | 100 | 275.6 | --- | 380 | --- | --- | --- | --- | |
| GMW-59 | 11/03/04 | --- | 4000 | --- | --- | --- | 95 | <0.60 | 15 | 18 | --- | <10 | --- | --- | --- | --- | |
| GMW-59 | 03/02/05 | 4200 | 23000 | --- | --- | --- | 400 | <5 | 130 | 22 | --- | 35 | --- | --- | --- | --- | |
| GMW-59 | 05/05/05 | 11000 | 9400 | --- | --- | --- | 170 | <0.50 | 60 | 7.8 | <0.50 | 11 | <10 | <2 | <2 | <2 | |
| GMW-59 | 08/04/05 | 6400 | 17000 | --- | --- | --- | 140 | <1 | 56 | 6.6 | <1 | <1 | <20 | <4 | <4 | <4 | |
| GMW-59 | 11/05/05 | 9500 | 26000 | --- | --- | --- | 270 | <0.50 | 26 | 2.2 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-59 | 03/08/06 | 4600 | 13000 | --- | --- | --- | 260 | <1 | 7.4 | <1 | <1 | <1 | <20 | <4 | <4 | <4 | |
| GMW-59 | 05/03/06 | 9900 | 9300 | --- | --- | --- | 210 | <1 | 4 | <1 | <1 | <1 | <20 | <4 | <4 | <4 | |
| GMW-59 | 07/28/06 | 3200 | 37000 | --- | --- | --- | 540 | <1 | 3.1 | <1 | <1 | 4.8 | <20 | <4 | <4 | <4 | |
| GMW-59 | 12/05/06 | --- | 9000 | --- | --- | --- | 800 | 4.3 | 5.2 | 11 | --- | <10 | --- | --- | --- | --- | |
| GMW-59 | 03/23/07 | 8200 | 15000 | --- | --- | --- | 840 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 | |
| GMW-59 | 05/02/07 | 4800 | 7400 | --- | --- | --- | 1100 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 | |
| GMW-59 | 08/31/07 | 4800 | 3500 | --- | --- | --- | 720 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 | |
| GMW-59 | 11/13/07 | 4700 | 2200 | --- | --- | --- | 660 | <5 | <5 | <5 | <5 | <5 | <100 | <20 | <20 | <20 | |
| GMW-59 | 02/07/08 | 3200 | 3900 | --- | --- | --- | 490 | <2.5 | 3.8 | <2.5 | <2.5 | 2.7 | <50 | <10 | <10 | <10 | |
| GMW-59 | 04/16/08 | 3600 | 2100 | --- | --- | --- | 580 | <2.5 | 3.5 | <2.5 | 15 | 3.7 | <50 | <10 | <10 | <10 | |
| GMW-59 | 07/29/08 | 2300 | 2900 | --- | --- | --- | 580 | <2.5 | <2.5 | <2.5 | <2.5 | 3.3 | <50 | <10 | <10 | <10 | |
| GMW-59 | 10/15/08 | 2500 | --- | --- | --- | --- | 2400 | 830 | <2.5 | <2.5 | <2.5 | 5.5 | <50 | <10 | <10 | <10 | |
| GMW-59 | 02/12/09 | 2500 | --- | --- | --- | --- | 2600 | 650 | <2.5 | <2.5 | <2.5 | 3.2 | <50 | <10 | <10 | <10 | |
| GMW-59 | 04/20/09 | 8500 | --- | --- | --- | --- | 19000 | 610 | <2.5 | <2.5 | <2.5 | 2.7 | <50 | <10 | <10 | <10 | |
| GMW-59 | 07/20/09 | 6700 | --- | --- | --- | --- | 11000 | 520 | <2.5 | <2.5 | <2.5 | 3.5 | <50 | <10 | <10 | <10 | |
| GMW-59 | 10/21/09 | 2600 | --- | --- | --- | --- | 3000 | 1700 | <2.5 | 1.4 J | <2.5 | <2.5 | 16 | 18 J | <10 | <10 | <10 |
| GMW-59 | 01/11/10 | --- | --- | --- | --- | --- | 1900 | 2200 | <10 | <10 | <10 | 17 | <200 | <40 | <40 | <40 | |
| GMW-59 | 04/19/10 | 2900 | --- | --- | --- | --- | 1700 | 570 | <0.50 | 1.9 | <0.50 | 2.3 | 11 | <2 | <2 | <2 | |
| GMW-59 | 10/06/10 | 850 | --- | --- | --- | --- | 1500 | 87 | --- | --- | <0.50 | 3.5 | 17 | --- | --- | --- | |
| GMW-59 | 01/11/11 | 2500 | --- | --- | --- | --- | 4100 | 1100 | <0.50 | 1.1 | <0.50 | 8.8 | 23 | <2 | <2 | <2 | |
| GMW-59 | 04/14/11 | 10000 | --- | --- | --- | --- | 3800 | 130 | <0.50 | 0.85 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-59 | 07/12/11 | 1400 | --- | --- | --- | --- | 1700 | 14 | <0.50 | 0.43 J | <0.50 | <0.50 | 8 J | <2 | <2 | <2 | |
| GMW-59 | 10/11/11 | <1800 | --- | --- | --- | --- | 2500 | 130 | <0.24 | 0.78 | <0.50 | 2.1 | 13 | <2 | <2 | <2 | |
| GMW-59 | 01/10/12 | 2800 | --- | --- | --- | --- | 2600 | 340 | 0.24 J | 0.54 | <0.50 | 5.2 | 16 | <2 | <2 | <2 | |
| GMW-59 | 04/20/12 | 3100 | --- | --- | --- | --- | 3800 | 870 | 0.27 J | 0.85 | 0.24 J | 8.4 | 36 | <2 | <2 | <2 | |
| GMW-59 | 07/10/12 | --- | --- | --- | --- | --- | 6300 | 1100 | <5 | 1.5 J | <5 | <5 | 9.7 | <100 | <20 | <20 | <20 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-59 | 10/19/12 | 3400 bD | --- | --- | --- | 4800 | 1000 | <5 | 1.8 J | <5 | <5 | 7.8 | <100 | <20 | <20 | <20 |
| GMW-59 | 01/15/13 | 2400 | --- | 1500 b | --- | --- | 670 | <2.5 | 1.6 J | <2.5 | <2.5 | 7.4 | <50 | <10 | <10 | <10 |
| GMW-59 | 04/12/13 | 2500 bD | --- | 8200 | --- | --- | 680 | <2.5 | 2.2 J | <2.5 | <2.5 | 6.6 | <50 | <10 | <10 | <10 |
| GMW-59 | 10/09/13 | 1400 HD | --- | 3100 HD | --- | --- | 240 | <0.50 | 0.76 | 0.3 | <0.50 | 5.1 | <10 | <2 | <2 | <2 |
| GMW-59 | 04/18/14 | 5600 HD | --- | 7700 HD | --- | --- | 170 | <0.50 | 1.5 | 0.99 | <0.50 | 3.5 | 14 | <2 | <2 | <2 |
| GMW-59 | 11/03/14 | 1500 | --- | 2000 | --- | --- | 300 | <0.50 | 0.93 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-59 | 04/29/15 | 910 | --- | 1600 | --- | --- | 150 | <2.5 | <2.5 | <5 | <2.5 | <10 | <50 | <10 | <10 | <10 |
| GMW-59 | 10/26/15 | 3000 | --- | 2600 | --- | --- | 180 | <5 | 34 | 240 | <5 | <20 | <100 | <20 | <20 | <20 |
| GMW-59 | 04/14/16 | 640 | --- | 3300 | --- | --- | 87 | <0.50 | <0.50 | <1 | <0.50 | 1 | <10 | <2 | <2 | <2 |
| GMW-59 | 10/11/16 | 470 | --- | 1800 | --- | --- | 110 | <1 | <1 | <2 | <1 | <2 | <20 | <4 | <4 | <4 |
| GMW-59 | 04/21/17 | 400 | --- | 1300 | --- | --- | 130 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-59 | 10/09/17 | 210 | --- | 960 | --- | --- | 17 | <1 | <1 | <2 | <1 | <2 | <20 | <4 | <4 | <4 |
| GMW-59 | 04/23/18 | <100 | --- | 770 | --- | --- | 0.81 | <0.50 | <0.50 | 0.5 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-59 | 11/09/18 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-59 | 04/18/19 | <100 | --- | 340 | --- | --- | 1 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-59 | 10/30/19 | <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 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-59 | 10/22/20 | <100 | --- | 260 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-59 | 05/10/21 | <100 | --- | 450 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-59 | 11/04/21 | <100 | --- | 660 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-60 | 07/21/04 | 15000 | 5300 | --- | --- | --- | 1700 | 160 | 710 | 2050 | --- | <0.50 | --- | --- | --- | --- |
| GMW-60 | 11/03/04 | 12000 | 3500 | --- | --- | --- | 1700 | 70 | 900 | 1780 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 03/02/05 | 8300 | 4900 | --- | --- | --- | 1300 | <20 | 860 | 2040 | --- | <20 | --- | --- | --- | --- |
| GMW-60 | 05/05/05 | 9400 | 4600 | --- | --- | --- | 1100 | <5 | 790 | 1740 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 08/04/05 | 6200 | 5600 | --- | --- | --- | 1000 | <5 | 680 | 1070 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 11/05/05 | 7200 | 4400 | --- | --- | --- | 970 | <5 | 710 | 1130 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 03/08/06 | 5900 | 5200 | --- | --- | --- | 680 | <5 | 640 | 800 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 05/03/06 | 3900 | 2200 | --- | --- | --- | 770 | <5 | 230 | 235 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 07/28/06 | 4600 | 4900 | --- | --- | --- | 850 | <5 | 170 | 102 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 12/05/06 | 4100 | 920 | --- | --- | --- | 660 | <5 | 130 | 92 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 03/23/07 | 3500 | 1700 | --- | --- | --- | 490 | <2.5 | 87 | 80 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-60 | 05/02/07 | 2800 | 630 | --- | --- | --- | 300 | <2.5 | 18 | 23 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-60 | 08/31/07 | 2000 | 660 | --- | --- | --- | 250 | <2.5 | 18 | 5.9 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-60 | 11/13/07 | 1500 | <100 | --- | --- | --- | 180 | <0.50 | 21 | 4.3 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-60 | 02/07/08 | 1700 | 290 | --- | --- | --- | 270 | 0.8 | 65 | 47.9 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-60 | 04/16/08 | 1400 | 920 | --- | --- | --- | 160 | <1 | 24 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-60 | 07/29/08 | 2000 | 610 | --- | --- | --- | 240 | <1 | 3.9 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-60 | 10/15/08 | 1400 | --- | --- | --- | --- | 270 | <1 | 2.7 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-60 | 02/12/09 | 1600 | --- | --- | --- | --- | 490 | <1 | 2.5 | <1 | <1 | <1 | <20 | <4 | <4 | <4 |
| GMW-60 | 04/20/09 | 3500 | --- | --- | --- | --- | 1100 | <5 | 7.9 | <5 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 07/20/09 | 3200 | --- | --- | --- | --- | 1700 | <5 | 11 | <5 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 10/19/09 | 2600 | --- | --- | --- | --- | 930 | <5 | 8.8 | <5 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-60 | 01/11/10 | --- | --- | --- | --- | <100 | 940 | <5 | 12 | <5 | <5 | <1 | <100 | <20 | <20 | <20 |
| GMW-60 | 04/13/10 | 1900 | --- | --- | --- | --- | 1300 | <0.50 | 8.7 | 0.26 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-60 | 10/06/10 | 560 | --- | --- | --- | --- | 1900 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-60 | 01/11/11 | 3200 | --- | --- | --- | --- | 2100 | <0.50 | 12 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-60 | 04/15/11 | 2100 | --- | --- | --- | 1200 | 590 | <0.50 | 9.8 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-60 | 07/12/11 | 2200 | --- | --- | --- | 1500 | 560 | <0.50 | 10 | 0.27 J | <0.50 | <0.50 | 8.8 J | <2 | <2 | <2 |
| GMW-60 | 10/11/11 | 2300 | --- | --- | --- | 1500 | 510 | <0.50 | 9.1 | 0.38 J | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-60 | 01/10/12 | 2100 | --- | --- | --- | 990 | 210 | 0.3 J | 7.3 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-60 | 04/20/12 | 1200 | --- | --- | --- | 1300 | 13 | <0.50 | 3.1 | 0.36 J | <0.50 | <0.50 | 14 | <2 | <2 | <2 |
| GMW-60 | 07/10/12 | --- | --- | --- | --- | 1200 | 5.1 | <0.50 | 0.7 | 0.24 | <0.50 | <0.50 | 69 | <2 | <2 | <2 |
| GMW-60 | 10/17/12 | 630 b | --- | --- | --- | 1100 | 1.5 | <0.50 | 0.4 J | <0.50 | <0.50 | <0.50 | 280 | <2 | <2 | <2 |
| GMW-60 | 01/15/13 | 610 | --- | 460 b | --- | --- | 4.3 | <0.50 | 0.37 J | <0.50 | <0.50 | <0.50 | 620 | <2 | <2 | <2 |
| GMW-60 | 04/11/13 | 1000 b | --- | 3200 b | --- | --- | 61 | <0.50 | 1.6 | 0.73 J | <0.50 | <0.50 | 460 | <2 | <2 | <2 |
| GMW-60 | 10/09/13 | 920 HD | --- | 2300 HD | --- | --- | 25 | <0.50 | 0.7 | 0.59 | <0.50 | <0.50 | 800 | <2 | <2 | <2 |
| GMW-60 | 04/17/14 | 650 | --- | 2700 HD | --- | --- | 11 | <1 | 0.3 J | <1 | <1 | <1 | 1200 | <4 | <4 | <4 |
| GMW-60 | 10/30/14 | 470 | --- | 1500 | --- | --- | 8.6 | <0.50 | <0.50 | <1 | <0.50 | <2 | 680 | <2 | <2 | <2 |
| GMW-60 | 04/28/15 | 330 | --- | 2000 | --- | --- | 3.1 | <0.50 | <0.50 | <1 | <0.50 | <2 | 1600 | <2 | <2 | <2 |
| GMW-60 | 10/26/15 | <100 | --- | 870 | --- | --- | 0.98 | <0.50 | <0.50 | <1 | <0.50 | <2 | 43 | <2 | <2 | <2 |
| GMW-60 | 04/13/16 | 110 | --- | 100 | --- | --- | 5.1 | <0.50 | 0.69 | 2.6 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-60 | 10/07/16 | <100 | --- | 870 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-60 | 04/20/17 | 220 | --- | 1200 | --- | --- | 26 | <0.50 | 2.4 | <1 | <0.50 | <1 | 55 | <2 | <2 | <2 |
| GMW-60 | 10/09/17 | <100 | --- | 430 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-60 | 04/17/18 | <100 | --- | 210 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-60 | 11/09/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-60 | 04/16/19 | <100 | --- | <260 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-60 | 10/30/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-60 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-60 | 05/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-60 | 11/03/21 | <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 | 19000 | 14000 | --- | --- | --- | 2400 | 1700 | 1000 | 4000 | --- | <0.50 | --- | --- | --- | --- |
| GMW-61 | 11/03/04 | 23000 | 5700 | --- | --- | --- | 2500 | 2200 | 1200 | 5000 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-61 | 03/02/05 | 20000 | 10000 | --- | --- | --- | 2700 | 1900 | 1100 | 5900 | --- | <20 | --- | --- | --- | --- |
| GMW-61 | 05/05/05 | 11000 | 7000 | --- | --- | --- | 2000 | 310 | 840 | 2500 | <10 | <10 | <200 | <40 | <40 | <40 |
| GMW-61 | 08/04/05 | 11000 | 12000 | --- | --- | --- | 1900 | 740 | 740 | 3500 | <10 | <10 | <200 | <40 | <40 | <40 |
| GMW-61 | 11/05/05 | 16000 | 10000 | --- | --- | --- | 2600 | 480 | 1100 | 4900 | <10 | <10 | <200 | <40 | <40 | <40 |
| GMW-61 | 03/08/06 | 11000 | 7900 | --- | --- | --- | 2100 | 280 | 1000 | 2700 | <10 | <10 | <200 | <40 | <40 | <40 |
| GMW-61 | 05/03/06 | 9600 | 7300 | --- | --- | --- | 1900 | 89 | 810 | 2030 | <10 | <10 | <200 | <40 | <40 | <40 |
| GMW-61 | 07/28/06 | 7200 | 9900 | --- | --- | --- | 1400 | 20 | 460 | 1290 | <10 | <10 | <200 | <40 | <40 | <40 |
| GMW-61 | 12/05/06 | 7900 | 4000 | --- | --- | --- | 1500 | 19 | 330 | 2050 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-61 | 03/23/07 | 7500 | 3100 | --- | --- | --- | 1200 | 16 | 220 | 1340 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-61 | 05/02/07 | 11000 | 3000 | --- | --- | --- | 1600 | 27 | 290 | 2090 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-61 | 08/31/07 | 9200 | 1600 | --- | --- | --- | 1500 | 17 | 190 | 1170 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-61 | 11/13/07 | 2300 | <100 | --- | --- | --- | 580 | 6.3 | 99 | 360 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-61 | 02/07/08 | 2600 | 890 | --- | --- | --- | 330 | 8.6 | 70 | 363 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-61 | 04/16/08 | 2000 | 1100 | --- | --- | --- | 480 | 5 | 64 | 399 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-61 | 07/29/08 | 1500 | 790 | --- | --- | --- | 400 | <2.5 | 28 | 129.3 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-61 | 10/15/08 | 1300 | --- | --- | --- | --- | 500 | 450 | 34 | 149.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-61 | 02/12/09 | 1100 | --- | --- | --- | <100 | 340 | <2.5 | 13 | 57 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-61 | 04/20/09 | 1100 | --- | --- | --- | 550 | 490 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|-----|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME | |
| GMW-61 | 07/20/09 | 760 | --- | --- | --- | 560 | 350 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 | |
| GMW-61 | 10/19/09 | 620 | --- | --- | --- | 410 | 320 | <2.5 | 1.2 J | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 | |
| GMW-61 | 01/11/10 | --- | --- | --- | --- | <100 | 190 | <1 | 0.99 J | <1 | <1 | <1 | <20 | <4 | <4 | <4 | |
| GMW-61 | 04/15/10 | 740 | --- | --- | --- | 500 | 380 | <0.50 | 1.7 | <0.50 | <0.50 | <0.50 | 3.7 J | <2 | <2 | <2 | |
| GMW-61 | 10/06/10 | 1200 | --- | --- | --- | 550 | 100 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- | |
| GMW-61 | 01/10/11 | 800 | --- | --- | --- | 910 | 190 | <0.50 | 1.8 | 0.48 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-61 | 04/14/11 | 790 | --- | --- | --- | 700 | 110 | <0.50 | 1.2 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-61 | 07/12/11 | 230 | --- | --- | --- | 240 | 6.4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-61 | 10/11/11 | 140 | --- | --- | --- | <100 | <0.50 | <0.70 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-61 | 01/10/12 | 210 | --- | --- | --- | 100 | 0.15 J | 1.1 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-61 | 04/19/12 | 190 | --- | --- | --- | 250 | 9.1 | 0.63 | 0.2 J | 0.33 J | <0.50 | <0.50 | 27 | <2 | <2 | <2 | |
| GMW-61 | 07/10/12 | --- | --- | --- | --- | 510 | 110 | 0.29 J | 0.87 | 0.28 | <0.50 | <0.50 | 14 | <2 | <2 | <2 | |
| GMW-61 | 10/19/12 | 1500 b | --- | --- | --- | 800 | 290 | 0.87 | 2.5 | 0.63 | <0.50 | <0.50 | <10 | <2 | <2 | <2 | |
| GMW-61 | 01/15/13 | 130 | --- | 140 b | --- | --- | 2.7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 69 | <2 | <2 | <2 | |
| GMW-61 | 04/11/13 | <100 | --- | 340 b | --- | --- | 0.43 J | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 60 | <2 | <2 | <2 | |
| GMW-61 | 10/08/13 | 130 HD | --- | 390 HD | --- | --- | 9.4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 210 | <2 | <2 | <2 | |
| GMW-61 | 04/17/14 | 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 | 120 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | 110 | <2 | <2 | <2 | |
| GMW-61 | 04/28/15 | 130 | --- | 260 | --- | --- | 12 | <0.50 | <0.50 | <1 | <0.50 | <2 | 130 | <2 | <2 | <2 | |
| GMW-61 | 04/14/16 | <100 | --- | 330 | --- | --- | 0.65 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 10/07/16 | <100 | --- | 390 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 04/20/17 | 140 | --- | 1200 | --- | --- | 18 | <0.50 | <0.50 | 5.6 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 10/09/17 | <100 | --- | 1000 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 04/23/18 | <100 | --- | 440 | --- | --- | 0.61 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 11/09/18 | <100 | --- | 610 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 04/18/19 | <100 | --- | 210 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 | |
| GMW-61 | 11/06/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-61 | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-61 | 05/05/21 | <100 | --- | 21000 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-61 | 11/09/21 | <100 | --- | 3700 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 | |
| GMW-62 | 11/14/07 | 4200 | <100 | --- | --- | --- | 1400 | 85 | 160 | 92 | <5 | <5 | <100 | <20 | <20 | <20 | |
| GMW-62 | 02/07/08 | 4100 | 1400 | --- | --- | --- | 2100 | 190 | 450 | 610 | <5 | <5 | <100 | <20 | <20 | <20 | |
| GMW-62 | 04/17/08 | 1000 | 500 | --- | --- | --- | 430 | 15 | 50 | 23.9 | <5 | <5 | <100 | <20 | <20 | <20 | |
| GMW-62 | 07/29/08 | 2400 | 1000 | --- | --- | --- | 1300 | 33 | 160 | 109 | <2.5 | <2.5 | <50 | <10 | <10 | <10 | |
| GMW-62 | 10/15/08 | 2800 | --- | --- | --- | --- | 180 | 1700 | 19 | 220 | 161 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-62 | 02/12/09 | 3600 | --- | --- | --- | --- | 1600 | 1800 | 5.1 | 150 | 164 | <5 | <5 | <100 | <20 | <20 | <20 |
| GMW-62 | 04/23/09 | 1500 | --- | --- | --- | --- | 150 | 370 | <2.5 | 25 | 5.2 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-62 | 07/21/09 | 1800 | --- | --- | --- | --- | 1100 | 1200 | <2.5 | 67 | 36 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-62 | 10/21/09 | 2200 | --- | --- | --- | --- | 480 | 1700 | <2.5 | 43 | 12.9 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| GMW-62 | 01/12/10 | --- | --- | --- | --- | --- | 2200 | 3900 | <10 | 22 | 30.4 | 100 | <1 | <200 | <40 | <40 | <40 |
| GMW-62 | 04/14/10 | 2400 | --- | --- | --- | --- | 430 | 1600 | 0.6 | 26 | 45 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-62 | 10/05/10 | 6700 | --- | --- | --- | --- | 3400 | 1200 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-62 | 11/05/18 | 8400 | --- | 2600 | --- | --- | 1500 | <10 | 12 | 910 | <10 | <20 | <200 | <40 | <40 | <40 | |
| GMW-62 | 04/15/19 | 17000 | --- | 3100 | --- | --- | 2700 | <5 | 660 | 2100 | <5 | <10 | <100 | <20 | <20 | <20 | |
| GMW-62 | 10/28/19 | 1500 | --- | 7800 | --- | --- | 14 | <1.0 | <1.0 | 25.2 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 | |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-62 | 05/04/20 | 2200 | --- | 130000 | --- | --- | 160 | <1.0 | 59 | 201 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 |
| GMW-62 | 10/19/20 | 1600 | --- | 1000 | --- | --- | 150 | <1.0 | 100 | 140 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 |
| GMW-62 | 05/03/21 | 1000 | --- | 6200 | --- | --- | 13 | <0.50 | 81 | 71 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-62 | 11/01/21 | 1700 | --- | 8600 | --- | --- | 8.7 | <0.50 | 47 | 26 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-63 | 10/15/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 02/12/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/23/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 07/21/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/22/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 01/12/10 | --- | --- | --- | --- | <100 | 0.39 J | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/14/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/05/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-63 | 01/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 07/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 01/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 07/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 01/14/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-63 | 12/17/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/20/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/11/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/03/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/17/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/02/17 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/25/17 | --- | --- | 440 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-63 | 04/16/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 11/05/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 04/15/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-63 | 10/28/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-63 | 10/19/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-63 | 05/03/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-63 | 11/01/21 | <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 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 02/12/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/23/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 07/21/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/21/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 01/12/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-64 | 04/14/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/05/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-64 | 01/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 07/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 01/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 07/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 01/14/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-64 | 12/17/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/20/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/11/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/03/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/17/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/02/17 | <100 | --- | 220 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/25/17 | --- | --- | 620 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-64 | 04/16/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 11/05/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 04/15/19 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-64 | 10/28/19 | <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-64 | 10/19/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-64 | 05/03/21 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-64 | 11/01/21 | <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 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 01/12/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/14/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/05/10 | --- | --- | --- | --- | 100 | 0.32 J | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-65 | 01/10/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 07/11/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 01/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 07/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 01/14/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/07/13 | <100 | --- | 210 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-65 | 12/17/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/20/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/11/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/03/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/17/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/02/17 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/25/17 | --- | --- | 320 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-65 | 04/16/18 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 11/05/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 04/15/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-65 | 10/28/19 | <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-65 | 10/19/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-65 | 05/03/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-65 | 11/01/21 | <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 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 04/19/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 10/06/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-66 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 10/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 04/08/13 | --- | --- | 130 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 10/07/13 | <100 | --- | 150 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 04/15/14 | <100 | --- | 96 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GMW-66 | 10/28/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-66R | 04/13/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 10/04/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 04/18/17 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 10/04/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 04/17/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 11/05/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 04/16/19 | <100 | --- | <190 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-66R | 10/29/19 | <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-66R | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-66R | 05/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-66R | 11/03/21 | <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 | 900 | --- | 140 | --- | --- | 71 | <0.50 | 110 | 82 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GMW-67 | 04/11/16 | 310 | --- | <100 | --- | --- | 22 | <0.50 | 73 | 6.8 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-67 | 10/03/16 | <100 | --- | <100 | --- | --- | 4.2 | <0.50 | 0.96 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-67 | 04/17/17 | <100 | --- | <100 | --- | --- | 2.5 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-67 | 10/02/17 | <100 | --- | 520 | --- | --- | 2.6 | <0.50 | 0.7 | 0.51 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-67 | 04/16/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-67 | 11/05/18 | <100 | --- | <100 | --- | --- | 0.5 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-67 | 04/15/19 | <100 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-67 | 10/28/19 | 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 | 270 | --- | 110 | --- | --- | 2.5 | <0.50 | 5.6 | 8.9 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-67 | 10/19/20 | 110 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-67 | 05/03/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-67 | 11/01/21 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-68 | 10/21/15 | 17000 | --- | 810 | --- | --- | 2200 | 46 | 800 | 3700 | <10 | <40 | <200 | <40 | <40 | <40 |
| GMW-68 | 04/11/16 | 15000 | --- | 810 | --- | --- | 2300 | 17 | 1200 | 4700 | <10 | <20 | <200 | <40 | <40 | <40 |
| GMW-69 | 10/21/15 | 2900 | --- | 330 | --- | --- | 350 | <5 | 400 | 380 | <5 | <20 | <100 | <20 | <20 | <20 |
| GMW-69 | 04/11/16 | 2400 | --- | 350 | --- | --- | 230 | <2.5 | 390 | 360 | <2.5 | <5 | <50 | <10 | <10 | <10 |
| GMW-69 | 10/03/16 | 1600 | --- | 210 | --- | --- | 240 | <2.5 | 290 | 190 | <2.5 | <5 | <50 | <10 | <10 | <10 |
| GMW-69 | 04/17/17 | 740 | --- | 150 | --- | --- | 84 | <1 | 140 | 16 | <1 | <2 | <20 | <4 | <4 | <4 |
| GMW-69 | 10/02/17 | 2100 | --- | 380 | --- | --- | 220 | <1 | 210 | 120 | <1 | <2 | <20 | <4 | <4 | <4 |
| GMW-69 | 10/25/17 | --- | --- | 830 | --- | --- | 870 | 4.8 | 950 | 1000 | <2.5 | <5 | <50 | <10 | <10 | <10 |
| GMW-69 | 04/16/18 | 3600 | --- | 530 | --- | --- | 370 | <5 | 300 | 93 | <5 | <10 | <100 | <20 | <20 | <20 |
| GMW-69 | 11/05/18 | 1300 | --- | 720 | --- | --- | 190 | <5 | <5 | <10 | <5 | <10 | <100 | <20 | <20 | <20 |
| GMW-69 | 04/15/19 | 130 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GMW-69 | 10/28/19 | 710 | --- | 180 | --- | --- | 58 | <0.50 | 33 | 22 | <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-69 | 10/19/20 | 930 | --- | 300 | --- | --- | 110 | <1.0 | 21 | <2.0 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 |
| GMW-69 | 05/03/21 | 530 | --- | 280 | --- | --- | 28 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-69 | 11/01/21 | 770 | --- | 340 | --- | --- | 21 | <0.50 | 0.74 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GMW-O-1 | 11/21/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 0.53 | <5 | --- | --- | --- | --- |
| GMW-O-1 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 0.85 | <5 | --- | --- | --- | --- |
| GMW-O-1 | 01/06/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-1 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 08/24/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/02/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 08/10/99 | <500 | --- | <1000 | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| GMW-O-1 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 08/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 11/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/05/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 11/06/01 | <300 | <100 | --- | --- | --- | 11 | <0.50 | 0.7 | 0.6 | 0.5 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-1 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 01/29/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 07/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 08/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 09/20/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 12/08/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 03/12/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 08/28/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/20/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 08/13/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-1 | 02/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-O-1 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 07/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 07/12/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 07/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 01/09/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 01/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 03/14/16 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-1 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 08/22/16 | <50 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/20/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-1 | 11/01/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-1 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-1 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-1 | 11/03/21 | <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 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 12 | <5 | --- | --- | --- | --- |
| GMW-O-2 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | 0.5 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-2 | 01/07/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 13 | <5 | --- | --- | --- | --- |
| GMW-O-2 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 14 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/11/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 05/05/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 11 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 10/24/02 | <300 | 460 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 01/15/03 | <300 | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-2 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.1 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 01/29/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 07/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 02/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 08/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 09/20/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 12/08/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 03/12/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 05/03/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------------|------------|-------------|---------------------|---------------------|-------------|-------------|--------------|-------------|-----------|------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-2 | 08/28/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 02/20/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 08/13/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 10/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-2 | 02/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-O-2 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 07/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/20/09 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 03/16/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 07/13/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 07/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/10/11 | <50 | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 01/09/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 01/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 03/14/16 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/20/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-2 | 10/30/19 | <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-2 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-2 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-2 | 11/04/21 | <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 | --- | --- | --- | --- | --- | 2900 | 1000 | 1200 | 1950 | <10 | 260 | --- | --- | --- | --- |
| GMW-O-3 | 07/14/97 | 14000 | --- | 1300 | --- | --- | 1500 | 410 | 700 | 1200 | <10 | <100 | --- | --- | --- | --- |
| GMW-O-3 | 01/09/98 | 3200 | --- | 720 | --- | --- | 930 | 55 | 390 | 599 | 38 | <50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-3 | 05/26/98 | 5400 | --- | --- | --- | --- | 850 | 20 | 170 | 140 | <5 | <5 | --- | --- | --- | --- |
| GMW-O-3 | 08/26/98 | 3290 | 1710 | --- | --- | --- | 329 | 31 | 140 | 300 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-O-3 | 11/17/98 | 4800 | 5810 | --- | --- | --- | 1500 | <100 | 350 | 400 | <100 | <100 | --- | --- | --- | --- |
| GMW-O-3 | 02/03/99 | 3800 | --- | <500 | --- | --- | 250 | <2.5 | 34 | 17 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-O-3 | 05/07/99 | 2900 | --- | <500 | --- | --- | 170 | 1.2 | 3.4 | 5.3 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 08/10/99 | <500 | --- | <1000 | --- | --- | 56 | 1.6 | 2.3 | <1 | 1.2 | <1 | --- | --- | --- | --- |
| GMW-O-3 | 11/17/99 | 340 | <100 | --- | --- | --- | 15 | 0.5 | 1.9 | 1.9 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 02/29/00 | <300 | 170 | --- | --- | --- | 12 | <0.50 | 1.2 | 1.1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 05/17/00 | 1800 | 1000 | --- | --- | --- | 290 | 32 | 33 | 180 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 08/29/00 | 580 | 3600 | --- | --- | --- | 130 | 2.5 | 13 | 23 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 11/28/00 | 1500 | 820 | --- | --- | --- | 350 | 13 | 43 | 93.1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 02/05/01 | 1800 | 770 | --- | --- | --- | 420 | 26 | 40 | 55 | <10 | <10 | --- | --- | --- | --- |
| GMW-O-3 | 05/10/01 | 2000 | 560 | --- | --- | --- | 380 | 4.5 | 32 | 42 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-O-3 | 09/19/01 | 840 | 360 | --- | --- | --- | 230 | <2.5 | 17 | 11 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-O-3 | 11/07/01 | 520 | <100 | --- | --- | --- | 120 | <2.5 | 7.2 | 6 | <2.5 | <2.5 | --- | --- | --- | --- |
| GMW-O-3 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 04/09/02 | 1200 | <100 | --- | --- | --- | 260 | 2.6 | 13 | 9.8 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 07/30/02 | 380 | 250 | --- | --- | --- | 150 | 1.6 | 5.1 | 4.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 10/24/02 | 310 | 120 | --- | --- | --- | 79 | 0.65 | 1.9 | 1.2 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 01/15/03 | <300 | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-3 | 01/28/03 | 550 | 160 | --- | --- | --- | 140 | 3 | 9.1 | 14.2 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 04/08/03 | 660 | 200 | --- | --- | --- | 170 | 1.6 | 9.2 | <1 | <2 | <1 | --- | --- | --- | --- |
| GMW-O-3 | 07/30/03 | 830 | 140 | --- | --- | --- | 200 | 2 | 18 | 8.2 | <3 | <1.5 | --- | --- | --- | --- |
| GMW-O-3 | 10/08/03 | 660 | 280 | --- | --- | --- | 96 | 0.74 | 9.6 | 1.4 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 01/29/04 | 850 | 160 | --- | --- | --- | 120 | 0.63 | 3 | 0.72 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 04/20/04 | <50 | 130 | --- | --- | --- | 65 | <0.50 | <0.50 | 0.56 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 07/20/04 | 370 | <100 | --- | --- | --- | 29 | <0.50 | 1.4 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 11/04/04 | 850 | 190 | --- | --- | --- | 71 | <0.50 | 2.7 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 02/03/05 | 210 | <100 | --- | --- | --- | 16 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 05/04/05 | 380 | <100 | --- | --- | --- | 32 | 0.67 | 2.1 | 4.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 08/03/05 | 1000 | 490 | --- | --- | --- | 4.4 | 1.1 | 110 | <1 | <2 | <1 | --- | --- | --- | --- |
| GMW-O-3 | 11/01/05 | 1300 | 560 | --- | --- | --- | 35 | 2.3 | 67 | 50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 02/28/06 | 640 | 320 | --- | --- | --- | 26 | <0.50 | 7.1 | 6 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 05/04/06 | 400 | 250 | --- | --- | --- | 19 | <0.50 | 0.71 | 1.2 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 09/19/06 | 110 | <100 | --- | --- | --- | 0.71 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 12/08/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 03/13/07 | 51 | <100 | --- | --- | --- | <0.50 | <0.50 | 1.1 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 05/03/07 | 72 | <100 | --- | --- | --- | <0.50 | <0.50 | 0.64 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 08/28/07 | 65 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 11/14/07 | 170 | <100 | --- | --- | --- | 3.1 | <0.50 | 9.7 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 02/07/08 | 96 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 04/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 08/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 10/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-3 | 02/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| GMW-O-3 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-3 | 07/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 07/12/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 07/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/10/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 01/09/12 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 01/15/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 03/14/16 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 08/22/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/20/17 | 260 | --- | <50 | --- | --- | 1.3 | <0.50 | 1.9 | 2.6 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/18/18 | 110 | --- | 110 | --- | --- | <0.50 | <0.50 | 2.6 | 6.3 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 11/07/18 | 450 | --- | <50 | --- | --- | 2.2 | 3 | 25 | 100 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 04/17/19 | 140 | --- | <50 | --- | --- | <0.50 | <0.50 | 2.3 | 6.9 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-3 | 10/30/19 | <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-3 | 11/04/20 | 260 | --- | <50 | --- | --- | <0.50 | <0.50 | 7.1 | 18 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-3 | 05/04/21 | 130 | --- | <50 | --- | --- | <0.50 | <0.50 | 1.0 | 4.5 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-3 | 11/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-4 | 11/22/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-4 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | 1.9 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-4 | 01/02/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-4 | 05/21/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 0.7 | --- | --- | --- | --- |
| GMW-O-4 | 11/12/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|-------------|---------|--------------|---------|---------|-------------|------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-4 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 05/04/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 05/03/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 11/15/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 04/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 10/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 03/14/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 08/23/16 | <50 | --- | <50 | --- | --- | 0.01 | <0.50 | 0.08 | <0.50 | <0.50 | 0.12 | 1.9 | <1 | <1 | <1 |
| GMW-O-4 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/20/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-4 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-4 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-4 | 11/04/21 | <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 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|-------|---------------------|---------------------|------------|-------------|--------------|-------------|---------|-----------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-4 (MID) | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | 0.99 | <0.50 | <0.10 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 01/02/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/21/98 | <300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-4 (MID) | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/06/99 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/06/99 | <500 | --- | <500 | --- | --- | --- | --- | --- | --- | <1 | --- | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 11/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/04/05 | <50 | 220 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/04/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 05/03/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 11/15/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 04/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 10/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-4 (MID) | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 10/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-4 (MID) | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-5 | 11/22/96 | --- | --- | --- | --- | --- | 11 | 5.7 | 9.2 | 32.1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-5 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | 1.9 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-5 | 01/07/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | 15 | --- | --- | --- | --- |
| GMW-O-5 | 05/21/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 08/24/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 11/04/98 | --- | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-5 | 11/04/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 02/03/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 05/05/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 08/10/99 | <500 | --- | <1000 | --- | --- | 2.3 | 4.4 | <1 | 2.9 | <0.50 | <1 | --- | --- | --- | --- |
| GMW-O-5 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 02/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-5 | 08/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|-------|---------------------|---------------------|---------|------------|--------------|---------|------------|------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-5 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-5 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-5 | 11/04/21 | <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 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-6 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | 0.9 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-6 | 01/02/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-6 | 05/21/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 05/05/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 11/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | --- | --- | --- | --- |
| GMW-O-6 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 10/24/02 | <300 | 190 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 10/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-6 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-6 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-6 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-6 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-7 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 2.4 | --- | --- | --- | --- |
| GMW-O-8 | 01/16/03 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 05/04/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 12/08/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 10/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-8 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-8 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-8 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-8 | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-8 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-8 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-8 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-8 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 11/22/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 46 | <5 | --- | --- | --- | --- |
| GMW-O-9 | 07/10/97 | <100 | --- | <500 | --- | --- | <0.50 | 3.6 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-9 | 01/07/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-9 | 05/21/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.60 | 12 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/16/98 | <300 | <100 | --- | --- | --- | 3 | 7 | 1 | 6 | 5.8 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 05/05/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 72 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 53 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 87 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 53 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 35 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 50 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 10/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 35 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 15 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.9 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 61 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.9 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-9 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/05/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/16/14 | <50 | --- | <50 | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 03/15/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/13/16 | <50 | --- | 59 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 08/22/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-9 | 04/20/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | 3.3 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-9 | 11/01/19 | <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-9 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-9 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-9 | 11/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-10 | 11/26/96 | --- | --- | --- | --- | --- | 450 | 18 | 37 | 21.8 | 81 | 1300 | --- | --- | --- | --- |
| GMW-O-10 | 07/14/97 | 17000 | --- | 900 | --- | --- | 4200 | 2800 | 650 | 1600 | <30 | 890 | --- | --- | --- | --- |
| GMW-O-10 | 01/09/98 | 25000 | --- | 12000 | --- | --- | 3900 | 2800 | 510 | 1470 | <10 | 1200 | --- | --- | --- | --- |
| GMW-O-10 | 05/27/98 | <300 | --- | --- | --- | --- | 1 | <0.50 | <0.50 | 0.8 | <0.50 | 1 | --- | --- | --- | --- |
| GMW-O-10 | 11/16/98 | 6840 | 297 | --- | --- | --- | 2900 | 540 | 320 | 310 | <13 | 2000 | --- | --- | --- | --- |
| GMW-O-10 | 05/07/99 | <500 | --- | <500 | --- | --- | 6.2 | <0.50 | 0.61 | <0.50 | <1 | 0.64 | --- | --- | --- | --- |
| GMW-O-10 | 11/16/99 | 32000 | 27000 | --- | --- | --- | 8300 | 5700 | 860 | 2640 | <25 | 2600 | --- | --- | --- | --- |
| GMW-O-10 | 05/17/00 | 18000 | 32000 | --- | --- | --- | 4500 | 3300 | 450 | 1420 | <25 | 1300 | --- | --- | --- | --- |
| GMW-O-10 | 11/29/00 | 18000 | 10000 | --- | --- | --- | 4200 | 2900 | 430 | 1260 | <25 | 1400 | --- | --- | --- | --- |
| GMW-O-10 | 05/10/01 | 7900 | 4600 | --- | --- | --- | 2400 | 810 | 150 | 280 | <10 | 950 | --- | --- | --- | --- |
| GMW-O-10 | 11/07/01 | 8100 | 1300 | --- | --- | --- | 1200 | 120 | <10 | 540 | <10 | 1100 | --- | --- | --- | --- |
| GMW-O-10 | 04/11/02 | 960 | 1000 | --- | --- | --- | 190 | 18 | 5.1 | 157 | 10 | 610 | --- | --- | --- | --- |
| GMW-O-10 | 10/24/02 | 2000 | 2500 | --- | --- | --- | 270 | 27 | <5 | 60 | <5 | 290 | --- | --- | --- | --- |
| GMW-O-10 | 04/10/03 | 13000 | 1900 | --- | --- | --- | 3600 | 370 | 460 | 780 | <50 | 520 | --- | --- | --- | --- |
| GMW-O-10 | 08/01/03 | 5800 | 1600 | --- | --- | --- | 2600 | 220 | 320 | 460 | 20 | 580 | --- | --- | --- | --- |
| GMW-O-10 | 10/08/03 | 4900 | 940 | --- | --- | --- | 1500 | 240 | 160 | 275 | 24 | 460 | --- | --- | --- | --- |
| GMW-O-10 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-10 | 11/04/04 | 8900 | 1200 | --- | --- | --- | 3900 | 85 | 400 | 409 | <30 | 590 | --- | --- | --- | --- |
| GMW-O-10 | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-10 | 11/02/05 | 52 | <100 | --- | --- | --- | 19 | 0.5 | <0.50 | <0.50 | 1 | 10 | --- | --- | --- | --- |
| GMW-O-10 | 05/05/06 | 12000 | 850 | --- | --- | --- | 4100 | 1800 | 380 | 640 | <50 | 160 | --- | --- | --- | --- |
| GMW-O-10 | 12/07/06 | 8900 | 810 | --- | --- | --- | 4000 | 470 | 320 | 310 | <50 | 190 | --- | --- | --- | --- |
| GMW-O-10 | 05/04/07 | 3800 | 260 | --- | --- | --- | 1600 | 10 | <10 | 120 | <20 | 160 | --- | --- | --- | --- |
| GMW-O-10 | 11/14/07 | 12000 | 600 | --- | --- | --- | 5100 | 54 | 340 | 325 | <50 | 190 | --- | --- | --- | --- |
| GMW-O-10 | 04/18/08 | 1300 | 130 | --- | --- | --- | 680 | <5 | 14 | 11 | <10 | 23 | --- | --- | --- | --- |
| GMW-O-10 | 08/14/08 | 1600 | 160 | --- | --- | --- | 820 | 5.3 | 31 | 42 | <10 | <5 | --- | --- | --- | --- |
| GMW-O-10 | 10/21/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.58 | --- | --- | --- | --- |
| GMW-O-10 | 04/22/09 | 180 | <100 | --- | --- | --- | 37 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/22/09 | 99 | <100 | --- | --- | --- | 6.9 | <0.50 | <0.50 | <0.50 | <0.50 | 0.77 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 05/27/10 | 370 | <100 | --- | --- | --- | 77 | 1.2 | <0.50 | <0.50 | <1 | 0.87 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/07/10 | 380 | <100 | --- | --- | --- | 42 | 1.2 | 0.51 | <0.50 | <0.50 | 0.79 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/13/11 | 270 | 140 | --- | --- | --- | 39 | 1 | <0.50 | <0.50 | <0.50 | 0.77 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/13/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/11/13 | 110 | --- | <50 | --- | --- | 0.54 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-10 | 10/11/13 | 75 | --- | 64 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/17/14 | 140 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/30/14 | 110 | --- | 51 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/23/15 | 160 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/26/15 | 160 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 03/15/16 | 91 | --- | 75 | --- | --- | 16 | <0.50 | 3.4 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/14/16 | 910 | --- | 89 | --- | --- | 430 | 12 | 16 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| GMW-O-10 | 06/29/16 | 87 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 08/23/16 | <50 | --- | 52 | --- | --- | 0.05 | 0.05 | 0.12 | <0.50 | 2.6 | 0.19 | 1.3 | 0.18 | <1 | <1 |
| GMW-O-10 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/21/17 | <50 | --- | 52 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 10/04/17 | 73 | --- | <50 | --- | --- | 28 | <0.50 | <0.50 | <0.50 | 6.3 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.8 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-10 | 11/01/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-10 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-10 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-10 | 11/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-11 | 10/04/10 | 10000 | 2100 | --- | --- | --- | 4200 | 220 | 89 | 170 | <30 | 160 | 560 | 32 | <30 | <30 |
| GMW-O-11 | 08/20/20 | <100 | --- | 780 | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | <1.0 | 4.1 | 220 | 9.2 | <1.0 | <1.0 |
| GMW-O-11 | 02/24/21 | <100 | --- | 9400 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 1.2 | 180 | 3.0 | <1.0 | <1.0 |
| GMW-O-11 | 05/04/21 | <100 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 1.9 | 170 | 6.5 | <1.0 | <1.0 |
| GMW-O-11 | 09/01/21 | <100 | --- | 790 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 1.0 | 21 | 2.6 | <1.0 | <1.0 |
| GMW-O-11 | 11/05/21 | 95 | --- | 1100 | --- | --- | 2.4 | 0.65 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-11 | 03/10/22 | 120 | --- | 440 | --- | --- | 43 | 1.6 | <0.50 | 2.0 | <0.50 | 0.93 | 24 | <1.0 | <1.0 | <1.0 |
| GMW-O-12 | 10/05/10 | 23000 | <99000 | --- | --- | --- | 12000 | <50 | <50 | <50 | <100 | 71 | <1000 | <100 | <100 | <100 |
| GMW-O-12 | 04/14/11 | 16000 | 120000 | --- | --- | --- | 7300 | <25 | <25 | <25 | <50 | 25 | <500 | <50 | <50 | <50 |
| GMW-O-12 | 10/13/11 | 20000 | 390000 | --- | --- | --- | 11000 | <100 | <100 | <100 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-12 | 04/20/12 | 29000 | --- | 260000 | --- | --- | 12000 | <50 | <50 | <50 | <100 | <50 | <1000 | <100 | <100 | <100 |
| GMW-O-12 | 10/19/12 | 12000 | --- | 120000 | --- | --- | 4700 | <25 | <25 | <25 | <50 | <25 | <500 | <50 | <50 | <50 |
| GMW-O-12 | 04/12/13 | 34000 | --- | 160000 | --- | --- | 13000 | <100 | <100 | <100 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-12 | 10/11/13 | 30000 | --- | 73000 | --- | --- | 13000 | <63 | <63 | <63 | <130 | <63 | <1300 | <130 | <130 | <130 |
| GMW-O-12 | 08/31/21 | 5300 | --- | 28000 | --- | --- | 23 | <5.0 | 17 | 95 | <10 | <5.0 | <100 | <10 | <10 | <10 |
| GMW-O-14 | 11/27/96 | 88000 | --- | 74000 | --- | --- | 4500 | 3200 | 520 | 2600 | 440 | <300 | --- | --- | --- | --- |
| GMW-O-14 | 07/17/97 | 160000 | --- | 610000 | --- | --- | 7600 | 4900 | 2200 | 43000 | <500 | <5000 | --- | --- | --- | --- |
| GMW-O-14 | 01/09/98 | 33000 | --- | 780000 | --- | --- | 7200 | 4500 | 510 | 2300 | <30 | <300 | --- | --- | --- | --- |
| GMW-O-14 | 05/27/98 | 3500 | --- | --- | --- | --- | 330 | <2.5 | 80 | 88 | <2.5 | <0.50 | --- | --- | --- | --- |
| GMW-O-14 | 11/17/98 | --- | 117000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-14 | 11/17/98 | 3850 | --- | --- | --- | --- | 5000 | 3840 | 1040 | 4510 | <100 | <100 | --- | --- | --- | --- |
| GMW-O-14 | 05/07/99 | 23000 | --- | 54000 | --- | --- | 5100 | 3400 | 650 | 2800 | <50 | <20 | --- | --- | --- | --- |
| GMW-O-14 | 11/18/99 | 26000 | 23000 | --- | --- | --- | 5900 | 4100 | 780 | 2500 | <50 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 05/17/00 | 10000 | 9300 | --- | --- | --- | 2300 | 630 | 370 | 820 | <50 | <100 | --- | --- | --- | --- |
| GMW-O-14 | 11/29/00 | 42000 | 59000 | --- | --- | --- | 8800 | 5000 | 1200 | 4400 | <50 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 05/10/01 | 5200 | 17000 | --- | --- | --- | 100 | 34 | 96 | 237 | <1 | <1 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-14 | 11/07/01 | 15000 | 20000 | --- | --- | --- | 3900 | 890 | 640 | 1280 | <1 | <2 | --- | --- | --- | --- |
| GMW-O-14 | 04/09/02 | 38000 | 13000 | --- | --- | --- | 7400 | 2700 | 990 | 3200 | <13 | 24 | --- | --- | --- | --- |
| GMW-O-14 | 07/30/02 | 11000 | 24000 | --- | --- | --- | 4900 | 2300 | 550 | 1890 | <13 | 14 | --- | --- | --- | --- |
| GMW-O-14 | 10/24/02 | 26000 | 29000 | --- | --- | --- | 7100 | 3500 | 970 | 3500 | <25 | <25 | --- | --- | --- | --- |
| GMW-O-14 | 01/28/03 | 39000 | 47000 | --- | --- | --- | 12000 | 8400 | 1500 | 5600 | <25 | 38 | --- | --- | --- | --- |
| GMW-O-14 | 03/12/03 | 1500 | 710 | --- | --- | --- | 760 | 72 | 66 | 115 | <2.5 | 14 | --- | --- | --- | --- |
| GMW-O-14 | 04/09/03 | 33000 | 27000 | --- | --- | --- | 5100 | 2900 | 990 | 3300 | <40 | <20 | --- | --- | --- | --- |
| GMW-O-14 | 07/30/03 | 20000 | 12000 | --- | --- | --- | 3100 | 1900 | 790 | 3200 | 74 | <15 | --- | --- | --- | --- |
| GMW-O-14 | 10/09/03 | 43000 | 18000 | --- | --- | --- | 8700 | 4200 | 1300 | 5300 | 180 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 01/29/04 | 55000 | 19000 | --- | --- | --- | 13000 | 6900 | 1400 | 5600 | 240 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 04/20/04 | 54000 | 32000 | --- | --- | --- | 11000 | 5700 | 1500 | 6100 | 170 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 07/20/04 | 72000 | 18000 | --- | --- | --- | 13000 | 8200 | 1700 | 7400 | 200 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 11/04/04 | 41000 | 23000 | --- | --- | --- | 9000 | 7000 | 1300 | 5500 | <200 | <100 | --- | --- | --- | --- |
| GMW-O-14 | 02/03/05 | 34000 | 4600 | --- | --- | --- | 8600 | 2300 | 950 | 3100 | 69 | 34 | --- | --- | --- | --- |
| GMW-O-14 | 05/04/05 | 420 | 680 | --- | --- | --- | 11 | 1.6 | 18 | 18.8 | 6.5 | <0.50 | --- | --- | --- | --- |
| GMW-O-14 | 08/03/05 | 15000 | 11000 | --- | --- | --- | 160 | 600 | 290 | 1840 | <10 | <5 | --- | --- | --- | --- |
| GMW-O-14 | 11/02/05 | 14000 | 14000 | --- | --- | --- | 320 | 350 | 160 | 2690 | <40 | <20 | --- | --- | --- | --- |
| GMW-O-14 | 02/28/06 | 8200 | 12000 | --- | --- | --- | 860 | 87 | 18 | 1020 | 15 | <5 | --- | --- | --- | --- |
| GMW-O-14 | 05/05/06 | 6700 | 9600 | --- | --- | --- | 1500 | 77 | <10 | 450 | 35 | <10 | --- | --- | --- | --- |
| GMW-O-14 | 09/20/06 | 6900 | 4200 | --- | --- | --- | 1400 | 250 | 39 | 640 | 30 | <10 | --- | --- | --- | --- |
| GMW-O-14 | 12/07/06 | 9000 | 17000 | --- | --- | --- | 1400 | 150 | 27 | 501 | 36 | <10 | --- | --- | --- | --- |
| GMW-O-14 | 03/12/07 | 4700 | 1300 | --- | --- | --- | 1000 | 180 | 26 | 400 | 23 | <5 | --- | --- | --- | --- |
| GMW-O-14 | 05/04/07 | 8200 | 3300 | --- | --- | --- | 1700 | 330 | 48 | 570 | 44 | <10 | --- | --- | --- | --- |
| GMW-O-14 | 08/28/07 | 12000 | 6200 | --- | --- | --- | 75 | 110 | 200 | 1000 | <5 | <2.5 | --- | --- | --- | --- |
| GMW-O-14 | 11/15/07 | 16000 | 74000 | --- | --- | --- | 320 | 300 | 520 | 2470 | <20 | <10 | --- | --- | --- | --- |
| GMW-O-14 | 02/20/08 | 35000 | 7700 | --- | --- | --- | 7900 | 1900 | 1200 | 3400 | <100 | <50 | --- | --- | --- | --- |
| GMW-O-14 | 04/15/08 | 26000 | 31000 | --- | --- | --- | 4900 | 1800 | 840 | 2800 | 59 | <25 | --- | --- | --- | --- |
| GMW-O-14 | 08/14/08 | 25000 | 44000 | --- | --- | --- | 4300 | 1100 | 730 | 2800 | 70 | <25 | --- | --- | --- | --- |
| GMW-O-14 | 10/16/08 | 21000 | 12000 | --- | --- | --- | 3200 | 940 | 500 | 3000 | <30 | <15 | --- | --- | --- | --- |
| GMW-O-14 | 02/23/09 | 30000 | 12000 | --- | --- | --- | 6100 | 3500 | 1200 | 3900 | 77 | <25 | <500 | --- | --- | --- |
| GMW-O-14 | 04/22/09 | 36000 | 8300 | --- | --- | --- | 9300 | 2300 | 1300 | 3500 | 120 | <50 | <1000 | 170 | <100 | <100 |
| GMW-O-14 | 07/22/09 | 32000 | 12000 | --- | --- | --- | 7800 | 1900 | 1500 | 4100 | 86 | <25 | <500 | 130 | <50 | <50 |
| GMW-O-14 | 10/23/09 | 40000 | 21000 | --- | --- | --- | 14000 | 1900 | 1500 | 3500 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-14 | 03/16/10 | 57000 | 24000 | --- | --- | --- | 14000 | 6200 | 1700 | 4700 | <200 | <100 | <2000 | 310 | <200 | <200 |
| GMW-O-14 | 05/28/10 | 26000 | 7400 | --- | --- | --- | 7900 | 1500 | 370 | 2180 | 110 | <25 | <500 | 180 | <50 | <50 |
| GMW-O-14 | 07/14/10 | 22000 | 6700 | --- | --- | --- | 7900 | 420 | 77 | 1500 | 100 | <50 | <1000 | 130 | <100 | <100 |
| GMW-O-14 | 10/07/10 | 16000 | 3200 | --- | --- | --- | 5900 | 200 | 220 | 680 | <100 | <50 | <1000 | <100 | <100 | <100 |
| GMW-O-14 | 01/11/11 | 49000 | 11000 | --- | --- | --- | 12000 | 5500 | 1400 | 2700 | 120 | <50 | <1000 | 190 | <100 | <100 |
| GMW-O-14 | 04/13/11 | 26000 | 9800 | --- | --- | --- | 8200 | 470 | 680 | 2300 | <100 | <50 | <1000 | 160 | <100 | <100 |
| GMW-O-14 | 07/12/11 | 12000 | 5500 | --- | --- | --- | 3800 | 50 | <25 | 1800 | <50 | <25 | <500 | <50 | <50 | <50 |
| GMW-O-14 | 10/12/11 | 16000 | 3400 | --- | --- | --- | 4000 | 55 | <25 | 2500 | <50 | <25 | <500 | <50 | <50 | <50 |
| GMW-O-14 | 01/09/12 | 38000 | 11000 | --- | --- | --- | 9000 | 2200 | 1200 | 4300 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-14 | 04/20/12 | 47000 | --- | 2500 | --- | --- | 11000 | 1100 | 1500 | 5000 | <100 | <50 | <1000 | 170 | <100 | <100 |
| GMW-O-14 | 07/10/12 | 48000 | --- | 390 | --- | --- | 12000 | 3500 | 1200 | 3700 | <100 | <50 | <1000 | 270 | <100 | <100 |
| GMW-O-14 | 10/18/12 | 15000 | --- | 2700 | --- | --- | 2600 | 1100 | 520 | 1800 | <50 | <25 | <500 | 70 | <50 | <50 |
| GMW-O-14 | 01/15/13 | 7700 | --- | 8300 | --- | --- | 1200 | 72 | 420 | 1300 | <20 | <10 | <200 | 25 | <20 | <20 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-14 | 04/11/13 | 27000 | --- | 3700 | --- | --- | 6900 | 200 | 1800 | 2300 | 61 | <25 | <500 | 180 | <50 | <50 |
| GMW-O-14 | 10/11/13 | 54000 | --- | 3000 | --- | --- | 14000 | 760 | 2200 | 3000 | <130 | 64 | <1300 | 260 | <130 | <130 |
| GMW-O-14 | 04/16/14 | 32000 | --- | 1900 | --- | --- | 9700 | 130 | 1500 | 1500 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-14 | 10/31/14 | 19000 | --- | 1300 | --- | --- | 6600 | 50 | 730 | 350 | <50 | <25 | <500 | 200 | <50 | <50 |
| GMW-O-14 | 04/23/15 | 15000 | --- | 1100 | --- | --- | 6900 | 59 | 530 | 92 | <50 | 26 | 2000 | 220 | <50 | <50 |
| GMW-O-14 | 10/26/15 | 24000 | --- | 890 | --- | --- | 12000 | <100 | 570 | <100 | <200 | <100 | <2000 | 220 | <200 | <200 |
| GMW-O-14 | 03/15/16 | 21000 | --- | 440 | --- | --- | 11000 | <50 | 240 | 250 | <100 | <50 | <1000 | 240 | <100 | <100 |
| GMW-O-14 | 04/15/16 | 3200 | --- | 930 | --- | --- | 1300 | <10 | <10 | <10 | <20 | 13 | <200 | 100 | <20 | <20 |
| GMW-O-14 | 06/29/16 | 13000 | --- | 430 | --- | --- | 6300 | 80 | 270 | 200 | <40 | 30 | <400 | 230 | <40 | <40 |
| GMW-O-14 | 08/23/16 | 6000 | --- | 380 | --- | --- | 3100 | 18 | 36 | 46 | 13 | 19 | 150 | 130 | <60 | 12 |
| GMW-O-14 | 10/07/16 | 30000 | --- | 640 | --- | --- | 12000 | 72 | 390 | 290 | <100 | <50 | <1000 | 220 | <100 | <100 |
| GMW-O-14 | 04/21/17 | 250 | --- | 620 | --- | --- | 0.59 | <0.50 | 0.82 | 2.4 | 3.7 | 3.5 | 15 | 30 | <1 | <1 |
| GMW-O-14 | 10/06/17 | 13000 | --- | 2300 | --- | --- | 5700 | 140 | 190 | 150 | <50 | <25 | <500 | 190 | <50 | <50 |
| GMW-O-14 | 04/20/18 | 1400 | --- | 1900 | --- | --- | 640 | <4 | <4 | 4.1 | <8 | 11 | <80 | 130 | <8 | <8 |
| GMW-O-14 | 11/09/18 | 8600 | --- | 620 | --- | --- | 5100 | <40 | <40 | <40 | <80 | <40 | <800 | 150 | <80 | <80 |
| GMW-O-14 | 04/18/19 | 1000 J | --- | 290 | --- | --- | 310 J | <1 | 2.1 J | <1 | 3 J | 6.1 | 46 | 73 | <2 | <2 |
| GMW-O-14 | 11/01/19 | 28000 | --- | 1300 | --- | --- | 13,000 | 88 | 520 | 500 | <100 | <50 | <1000 | 190 | <100 | <100 |
| 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-14 | 08/20/20 | 4800 | --- | 1500 | --- | --- | 2000 | 18 | 13 | <10 | <20 | <10 | <200 | 94 | <20 | <20 |
| GMW-O-14 | 11/09/20 | 5700 | --- | 2600 | --- | --- | 2500 | 13 | <10 | <10 | <20 | <10 | <200 | 110 | <20 | <20 |
| GMW-O-14 | 02/24/21 | 810 | --- | 1600 | --- | --- | 26 | 6.6 | 2.0 | 4.0 | <2.0 | 2.4 | 62 | 46 | <2.0 | <2.0 |
| GMW-O-14 | 05/05/21 | 730 J | --- | 1000 | --- | --- | 220 | 3.2 | 2.7 | 5.3 | <2.0 | 2.0 | 55 | 50 | <2.0 | <2.0 |
| GMW-O-14 | 09/01/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-14 | 11/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-14 | 03/10/22 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-15 | 10/16/08 | 1700 | 2800 | --- | --- | --- | 550 | 3 | 37 | 34.1 | <5 | 110 | --- | --- | --- | --- |
| GMW-O-15 | 03/16/10 | 530 | 8900 | --- | --- | --- | 10 | 1.1 | 0.64 | 2.7 | <0.50 | 400 | <10 | <1 | <1 | 1.9 |
| GMW-O-15 | 04/16/10 | 6700 | 62000 | --- | --- | --- | 1700 | 54 | 120 | 176 | <10 | 1300 | 1800 | <10 | <10 | 11 |
| GMW-O-15 | 05/25/10 | 650 | 5600 | --- | --- | --- | 82 | 16 | 8.4 | 44 | <2 | 180 | 1500 | <2 | <2 | <2 |
| GMW-O-15 | 07/13/10 | 580 | 250 | --- | --- | --- | 110 | 7.5 | 11 | 27 | <1 | 300 | 5100 | <1 | <1 | 1.5 |
| GMW-O-15 | 08/12/10 | 710 | 370 | --- | --- | --- | 120 | 4.1 | 10 | 34 | <1 | 260 | 5300 | <1 | <1 | 1.5 |
| GMW-O-15 | 09/20/10 | 620 | 500 | --- | --- | --- | 120 | 3.3 | 13 | 24 | <1 | 230 | 6000 | <1 | <1 | 1.4 |
| GMW-O-15 | 10/05/10 | 14000 | 6000 | --- | --- | --- | 1800 | 280 | 92 | 760 | <20 | 3200 | 3000 | <20 | <20 | 35 |
| GMW-O-15 | 11/23/10 | 1800 | 7700 | --- | --- | --- | <1 | 4.1 | 4.4 | 33 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-O-15 | 12/22/10 | 28000 | 19000 | --- | --- | --- | 3900 | 610 | 850 | 3000 | <40 | 1900 | 1300 | <40 | <40 | <40 |
| GMW-O-15 | 01/12/11 | 12000 | 15000 | --- | --- | --- | 1300 | 49 | 280 | 700 | <20 | 430 | 12000 | <20 | <20 | <20 |
| GMW-O-15 | 02/24/11 | 12000 | 10000 | --- | --- | --- | 700 | 450 | 310 | 1300 | <10 | 970 | 4100 | <10 | <10 | 20 |
| GMW-O-15 | 03/23/11 | 2400 | 4300 | --- | --- | --- | 210 | 47 | 39 | 190 | <2 | 310 | 3600 | <2 | <2 | 5.2 |
| GMW-O-15 | 04/29/11 | 1200 | 1500 | --- | --- | --- | 250 | 27 | 27 | 154 | <2 | 350 | 3900 | <2 | <2 | 2.4 |
| GMW-O-15 | 05/13/11 | 1300 | 1600 | --- | --- | --- | 200 | 18 | 22 | 127 | <2 | 350 | 6600 | <2 | <2 | 3.6 |
| GMW-O-15 | 06/22/11 | 1800 | 1200 | --- | --- | --- | 190 | 95 | 34 | 220 | <1 | 310 | 6800 | <1 | <1 | 1.8 |
| GMW-O-15 | 07/12/11 | 1000 | 970 | --- | --- | --- | 150 | 17 | 14 | 97 | <2 | 220 | 6400 | <2 | <2 | <2 |
| GMW-O-15 | 08/19/11 | 33000 | 550000 | --- | --- | --- | 820 | 2200 | 610 | 4400 | <50 | 290 | 9200 | <50 | <50 | <50 |
| GMW-O-15 | 09/22/11 | 3400 | 1000 | --- | --- | --- | 480 | 290 | 58 | 320 | <5 | 640 | 6800 | <5 | <5 | 10 |
| GMW-O-15 | 10/13/11 | 3900 | 1600 | --- | --- | --- | 530 | 290 | 73 | 460 | <10 | 220 | 3200 | <10 | <10 | <10 |
| GMW-O-15 | 12/21/11 | 520 | 570 | --- | --- | --- | 110 | 1.5 | 5.7 | 22 | <2 | 79 | 5300 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-15 | 01/10/12 | 470 | 1200 | --- | --- | --- | 110 | 1.3 | 6.9 | 15 | <1 | 86 | 4300 | <1 | <1 | 1.2 |
| GMW-O-15 | 02/23/12 | 4800 | 6900 | --- | --- | --- | 340 | 390 | 85 | 600 | <5 | 110 | 4000 | <5 | <5 | 17 |
| GMW-O-15 | 03/28/12 | 1300 | --- | 120 | --- | --- | 230 | 68 | 13 | 110 | <2 | 99 | 4600 | <2 | <2 | <2 |
| GMW-O-15 | 04/27/12 | 2100 | --- | 1300 | --- | --- | 180 | 67 | 16 | 160 | <1 | 49 | 4300 | <1 | <1 | 1 |
| GMW-O-15 | 05/25/12 | 110000 | --- | 24000 | --- | --- | 320 | 270 | 420 | 3400 | <100 | 190 | <1000 | <100 | <100 | 100 |
| GMW-O-15 | 07/11/12 | 17000 | --- | 13000 | --- | --- | 6700 | 63 | 120 | 270 | <100 | 1500 | 1600 | <100 | <100 | <100 |
| GMW-O-15 | 08/29/12 | 190 | --- | 89 | --- | --- | 73 | 1.2 | 3.3 | 8.1 | <0.50 | 22 | 5300 | <1 | <1 | <1 |
| GMW-O-15 | 09/26/12 | 220 | --- | <50 | --- | --- | 53 | 0.74 | 3.7 | 7.3 | <0.50 | 17 | 2900 | <1 | <1 | <1 |
| GMW-O-15 | 10/18/12 | 210 | --- | 140 | --- | --- | 50 | <0.50 | 3.3 | 5.9 | <1 | 13 | 2600 | <1 | <1 | <1 |
| GMW-O-15 | 11/29/12 | 380 | --- | 75 | --- | --- | 140 | 1.3 | 3 | 6.4 | <2 | 33 | 3900 | <2 | <2 | <2 |
| GMW-O-15 | 12/26/12 | 1400 | --- | 110 | --- | --- | 100 | 23 | 3.4 | 20 | <0.50 | 22 | 3900 | <1 | <1 | <1 |
| GMW-O-15 | 01/15/13 | 1200 | --- | <50 | --- | --- | 240 | 29 | 16 | 45 | <3 | 52 | 3100 | <3 | <3 | <3 |
| GMW-O-15 | 02/20/13 | 230 | --- | <50 | --- | --- | 59 | <0.50 | 2.5 | 3.2 | <1 | 14 | 3100 | <1 | <1 | <1 |
| GMW-O-15 | 04/12/13 | 460 | --- | 110 | --- | --- | 89 | 2.3 | 4.6 | 5.5 | <1 | 36 | 3600 | <1 | <1 | <1 |
| GMW-O-15 | 10/11/13 | 56000 | --- | 88000 | --- | --- | 7600 | 2300 | 750 | 4100 | <100 | 8000 | 7100 | <100 | <100 | <100 |
| GMW-O-15 | 10/27/15 | 120000 | --- | 490000 | --- | --- | 12000 | 16000 | 2200 | 12000 | <200 | 8800 | <2000 | <200 | <200 | 210 |
| GMW-O-15 | 04/14/16 | 370000 | --- | 82000 | --- | --- | 5700 | 15000 | 4600 | 36000 | <200 | 2800 | 3400 | <200 | <200 | <200 |
| GMW-O-15 | 11/08/18 | 11000 | --- | 1600 | --- | --- | 140 | 67 | 30 | 1300 | <10 | 650 | 2800 | <10 | <10 | 14 |
| GMW-O-15 | 10/31/19 | 4400 | --- | 6700 | --- | --- | 470 | 5.0 | 35 | 470 | <8.0 | 530 | 5,900 | <8.0 | <8.0 | 18 |
| GMW-O-15 | 05/08/20 | 9200 | --- | 13000 | --- | --- | 1,600 | 9.6 | 140 | 650 | <10 | 3,100 | 8,900 | <10 | <10 | 34 |
| GMW-O-15 | 11/06/20 | <1000 | --- | 5600 | --- | --- | <5.0 | <5.0 | <5.0 | <5.0 | <10 | <5.0 | <100 | <10 | <10 | <10 |
| GMW-O-16 | 11/27/96 | --- | --- | --- | --- | --- | 570 | 67 | 14 | 360 | <5 | 120 | --- | --- | --- | --- |
| GMW-O-16 | 07/17/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 310 | --- | --- | --- | --- |
| GMW-O-16 | 01/06/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-16 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 76 | --- | --- | --- | --- |
| GMW-O-16 | 11/13/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.7 | --- | --- | --- | --- |
| GMW-O-16 | 05/07/99 | <500 | --- | <500 | --- | --- | 0.66 | <0.50 | <0.50 | 0.72 | <1 | 7.6 | --- | --- | --- | --- |
| GMW-O-16 | 11/18/99 | <416 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | --- | --- | --- | --- |
| GMW-O-16 | 11/30/00 | <300 | <100 | --- | --- | --- | 0.8 | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | --- | --- | --- | --- |
| GMW-O-16 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 10/22/02 | <300 | <100 | --- | --- | --- | 1.6 | 0.98 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 04/22/04 | <50 | 3600 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 07/20/04 | --- | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-16 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 05/05/05 | 92 | <100 | --- | --- | --- | 1.6 | <0.50 | <0.50 | <0.50 | <0.50 | 110 | --- | --- | --- | --- |
| GMW-O-16 | 08/02/05 | 57 | <100 | --- | --- | --- | 1.3 | <0.50 | <0.50 | <0.50 | <0.50 | 93 | --- | --- | --- | --- |
| GMW-O-16 | 11/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 57 | --- | --- | --- | --- |
| GMW-O-16 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5.3 | --- | --- | --- | --- |
| GMW-O-16 | 05/04/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.3 | --- | --- | --- | --- |
| GMW-O-16 | 09/19/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.57 | --- | --- | --- | --- |
| GMW-O-16 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-16 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-16 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 04/14/16 | <50 | --- | 310 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 04/18/17 | 66 | --- | <50 | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | <0.50 | 4 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 04/19/19 | <50 | --- | 53 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-16 | 10/31/19 | <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 | <50 | --- | 51 | --- | --- | <0.50 | <0.50 | <0.50 | 0.57 | <0.50 | 0.81 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-16 | 11/05/20 | 320 | --- | 160 | --- | --- | <0.50 | 0.93 | 1.2 | 84 | <0.50 | 1.3 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-16 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | 1.8 | <0.50 | 6.7 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-16 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-17 | 11/22/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-17 | 07/10/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-17 | 01/07/98 | <100 | --- | <500 | --- | --- | <0.50 | 0.64 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-17 | 05/21/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 05/05/99 | <500 | --- | <500 | --- | --- | 0.64 | <0.50 | <0.50 | <0.50 | <1 | 0.58 | --- | --- | --- | --- |
| GMW-O-17 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 10/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 05/03/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-17 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/13/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 26 | <1 | <1 | <1 |
| GMW-O-17 | 07/02/13 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/21/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-17 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-17 | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-17 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-17 | 05/04/21 | <50 | --- | 92 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-17 | 11/04/21 | <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 | --- | --- | --- | --- | --- | <10 | <10 | <10 | <30 | <10 | 10000 | --- | --- | --- | --- |
| GMW-O-18 | 07/11/97 | <100 | --- | <500 | --- | --- | <3 | <3 | <3 | <3 | <3 | 3000 | --- | --- | --- | --- |
| GMW-O-18 | 01/07/98 | <100 | --- | <500 | --- | --- | <5 | <5 | <5 | <15 | <5 | 3200 | --- | --- | --- | --- |
| GMW-O-18 | 05/21/98 | 2000 | --- | --- | --- | --- | <100 | <100 | <100 | <200 | <100 | 5600 | --- | --- | --- | --- |
| GMW-O-18 | 11/17/98 | 543 | <100 | --- | --- | --- | <0.50 | 1 | <0.50 | 2.6 | <0.50 | 1420 | --- | --- | --- | --- |
| GMW-O-18 | 05/06/99 | 2700 | --- | <500 | --- | --- | <5 | <5 | <5 | <5 | <13 | 15000 | --- | --- | --- | --- |
| GMW-O-18 | 11/18/99 | 2900 | <100 | --- | --- | --- | <13 | <12.5 | <12.5 | <12.5 | <13 | 6700 | --- | --- | --- | --- |
| GMW-O-18 | 05/19/00 | 3500 | <100 | --- | --- | --- | <25 | <25 | <25 | <25 | <25 | 10000 | --- | --- | --- | --- |
| GMW-O-18 | 11/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | --- | --- | --- | --- |
| GMW-O-18 | 05/09/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | --- | --- | --- | --- |
| GMW-O-18 | 12/07/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.65 | --- | --- | --- | --- |
| GMW-O-18 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.62 | --- | --- | --- | --- |
| GMW-O-18 | 11/15/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | --- | --- | --- | --- |
| GMW-O-18 | 04/15/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-18 | 10/15/08 | <200 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| GMW-O-18 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 140 | <1 | <1 | <1 |
| GMW-O-18 | 10/21/09 | 2400 | 680 | --- | --- | --- | 170 | 440 | 17 | 410 | <5 | 490 | 480 | <5 | <5 | <5 |
| GMW-O-18 | 03/16/10 | <50 | <100 | --- | --- | --- | 0.6 | 1.3 | <0.50 | 1.77 | <0.50 | 4.5 | 550 | <1 | <1 | <1 |
| GMW-O-18 | 04/16/10 | 1300 | 6600 | --- | --- | --- | 0.67 | <0.50 | 3.1 | 12.9 | <0.50 | 1.2 | 2400 | <1 | <1 | <1 |
| GMW-O-18 | 05/25/10 | 110 | 540 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 2.9 | 6500 | <1 | <1 | <1 |
| GMW-O-18 | 07/14/10 | 110 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.85 | 11000 | <1 | <1 | <1 |
| GMW-O-18 | 08/12/10 | 220 | <100 | --- | --- | --- | 0.64 | <0.50 | <0.50 | <0.50 | <1 | 0.93 | 15000 | <1 | <1 | <1 |
| GMW-O-18 | 09/20/10 | 290 | <100 | --- | --- | --- | 1.1 | <0.50 | <0.50 | 0.55 | <1 | 1.2 | 23000 | <1 | <1 | <1 |
| GMW-O-18 | 10/05/10 | 4000 | <1100 | --- | --- | --- | 1200 | 420 | 23 | 91 | <10 | 670 | 2600 | <10 | <10 | <10 |
| GMW-O-18 | 11/16/10 | <2000 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.53 | 21000 | <1 | <1 | <1 |
| GMW-O-18 | 01/12/11 | <3000 | 130 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | 29000 | <2 | <2 | <2 |
| GMW-O-18 | 02/24/11 | 1400 | 2100 | --- | --- | --- | 60 | 31 | 19 | 85 | <0.50 | 380 | 1600 | <1 | <1 | 3.9 |
| GMW-O-18 | 03/23/11 | 110 | 230 | --- | --- | --- | 6 | 1.4 | 1.1 | 6.3 | <0.50 | 2.9 | 3300 | <1 | <1 | <1 |
| GMW-O-18 | 04/29/11 | <50 | 120 | --- | --- | --- | 3.7 | <0.50 | <0.50 | 1.7 | <0.50 | 7.5 | 780 | <1 | <1 | <1 |
| GMW-O-18 | 05/13/11 | <100 | 230 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-18 | 06/22/11 | 7500 | 37000 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 440 | <1 | 5.5 | 3200 | <1 | <1 | <1 |
| GMW-O-18 | 08/19/11 | 2600 | 12000 | --- | --- | --- | 17 | 3.9 | 3.2 | 40 | <2 | 85 | 61 | <2 | <2 | <2 |
| GMW-O-18 | 09/22/11 | 34000 | 64000 | --- | --- | --- | 700 | 110 | 690 | 5300 | <50 | 400 | 6100 | <50 | <50 | 54 |
| GMW-O-18 | 10/14/11 | 6000 | 36000 | --- | --- | --- | 190 | 13 | 36 | 100 | <20 | 1600 | 6600 | <20 | <20 | 26 |
| GMW-O-18 | 11/23/11 | 25000 | 150000 | --- | --- | --- | 65 | <10 | 51 | <10 | <20 | 310 | 6000 | <20 | <20 | 22 |
| GMW-O-18 | 12/21/11 | 190 | 26000 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.53 | <0.50 | 70 | 1600 | <1 | <1 | <1 |
| GMW-O-18 | 01/10/12 | 570 | 1400 | --- | --- | --- | 100 | <0.50 | 5.3 | 3.9 | <1 | 110 | 4800 | <1 | <1 | 2.2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|----------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|---------|--------|--------|--------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-18 | 02/23/12 | 180 | 140 | --- | --- | --- | 8.8 | 6.8 | 0.84 | 7.8 | <0.50 | 5.9 | 9200 | <1 | <1 | <1 |
| GMW-O-18 | 03/28/12 | 140 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 10000 | <1 | <1 | <1 |
| GMW-O-18 | 05/25/12 | <100 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 7700 | <1 | <1 | <1 |
| GMW-O-18 | 06/15/12 | 180 | --- | 50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.6 | 17000 | <1 | <1 | <1 |
| GMW-O-18 | 07/11/12 | 180 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 14000 | <1 | <1 | <1 |
| GMW-O-18 | 08/30/12 | 71 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 14000 | <1 | <1 | <1 |
| GMW-O-18 | 09/26/12 | 55 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 8900 | <1 | <1 | <1 |
| GMW-O-18 | 10/30/12 | 110 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 11000 | <1 | <1 | <1 |
| GMW-O-18 | 11/29/12 | 110 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10000 | <1 | <1 | <1 |
| GMW-O-18 | 12/26/12 | 76 | --- | 240 | --- | --- | 22 | 2.1 | 0.82 | 2.4 | <0.50 | 5.5 | 850 | <1 | <1 | <1 |
| GMW-O-18 | 01/15/13 | 91 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 8000 | <1 | <1 | <1 |
| GMW-O-18 | 04/12/13 | <100 | --- | 58 | --- | --- | <0.50 | 0.51 | <0.50 | 0.53 | <1 | <0.50 | 4000 | <1 | <1 | <1 |
| GMW-O-18 | 10/10/13 | 120 | --- | <50 | --- | --- | 2.2 | 1.1 | <0.50 | 6 | <0.50 | <0.50 | 6000 | <1 | <1 | <1 |
| GMW-O-18 | 11/03/15 | 2900 | --- | 49000 | --- | --- | 62 | 150 | 39 | 230 | <3 | 100 | 1800 | <3 | <3 | <3 |
| GMW-O-18 | 04/14/16 | 11000000 | --- | 5900000 | --- | --- | 53000 | 620000 | 310000 | 2300000 | <10000 | 6000 | <100000 | <10000 | <10000 | <10000 |
| GMW-O-18 | 04/18/19 | 5600 | --- | 5800 | --- | --- | 38 | <2.5 | 290 | 37 | <5 | 4.8 | 6400 | <5 | <5 | <5 |
| GMW-O-18 | 10/31/19 | 5900 | --- | 10000 | --- | --- | 39 | <2.5 | 300 | 26 | <5.0 | 12 | 3,400 | <5.0 | <5.0 | <5.0 |
| 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-18 | 11/06/20 | 9700 | --- | 4700 | --- | --- | 14 | 9.4 | 210 | 21 | <10 | <5.0 | 430 | <10 | <10 | <10 |
| GMW-O-18 | 05/05/21 | 3600 | --- | 2700 | --- | --- | <2.0 | <2.0 | 59 | 4.6 | <4.0 | 6.6 | 520 | <4.0 | <4.0 | <4.0 |
| GMW-O-18 | 11/04/21 | 3500 | --- | 5100 | --- | --- | <1.0 | <1.0 | 47 | 4.3 | <2.0 | 1.4 | 570 | <2.0 | <2.0 | <2.0 |
| GMW-O-19 | 11/25/96 | --- | --- | --- | --- | --- | <0.50 | <0.87 | 2.8 | 5.1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-19 | 07/16/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-19 | 01/06/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-O-19 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2 | --- | --- | --- | --- |
| GMW-O-19 | 11/12/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.51 | --- | --- | --- | --- |
| GMW-O-19 | 11/18/99 | <416 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | --- | --- | --- | --- |
| GMW-O-19 | 05/17/00 | <300 | 180 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 04/09/03 | <50 | 500 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 08/01/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 04/22/04 | <50 | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 07/20/04 | --- | <100 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GMW-O-19 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 05/05/05 | 510 | 110 | --- | --- | --- | 110 | <0.50 | 17 | 24.5 | <1 | 150 | --- | --- | --- | --- |
| GMW-O-19 | 08/02/05 | 160 | <100 | --- | --- | --- | 2.1 | <0.50 | 1.2 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 11/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 05/04/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 11/15/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-19 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 10/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-O-19 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/20/09 | <50 | <200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/16/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 07/13/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 08/12/10 | <50 | <100 | --- | --- | --- | 0.52 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 09/20/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/06/10 | <50 | 340 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 11/16/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 12/22/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 02/24/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 03/23/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 05/13/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 06/22/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 07/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 08/19/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 09/22/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/11/11 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 11/28/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 12/21/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 01/10/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 02/23/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 03/28/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 05/25/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 06/15/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 08/29/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 09/26/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 11/29/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 70 | <1 | <1 | <1 |
| GMW-O-19 | 12/26/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | 0.52 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 01/15/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 02/20/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/09/13 | 110 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/14/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|---------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-19 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/18/17 | 52 | --- | <50 | --- | --- | 2.2 | 2.8 | <0.50 | 11 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 04/19/19 | <50 | --- | 530 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-19 | 10/31/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-19 | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-19 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-19 | 11/03/21 | <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 | 46000 | <150000 | --- | --- | --- | 17000 | 390 | 680 | 2700 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-20 | 04/13/11 | 42000 | 680000 | --- | --- | --- | 12000 | 170 | 580 | 400 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-20 | 10/13/11 | 34000 | 200000 | --- | --- | --- | 6300 | 460 | 240 | 850 | <100 | <50 | <1000 | <100 | <100 | <100 |
| GMW-O-20 | 04/20/12 | 48000 | --- | 230000 | --- | --- | 11000 | 520 | 350 | 2500 | <100 | <50 | <1000 | <100 | <100 | <100 |
| GMW-O-20 | 10/19/12 | 36000 | --- | 340000 | --- | --- | 6100 | 1000 | 360 | 2700 | <50 | <25 | <500 | <50 | <50 | <50 |
| GMW-O-20 | 06/29/16 | 23000 | --- | 7500 | --- | --- | 6800 | 560 | 370 | 1300 | <40 | 51 | <400 | <40 | <40 | <40 |
| GMW-O-20 | 08/23/16 | 13000 | --- | 31000 | --- | --- | 2600 | 260 | 150 | 1300 | 1.6 | 27 | 79 | 5.8 | <60 | <60 |
| GMW-O-20 | 10/07/16 | 35000 | --- | 95000 | --- | --- | 2700 | 930 | 230 | 4200 | <40 | 38 | <400 | <40 | <40 | <40 |
| GMW-O-20 | 04/21/17 | 2900 | --- | 5900 | --- | --- | 850 | 14 | 24 | 85 | <10 | 24 | <200 | <10 | <10 | <10 |
| GMW-O-20 | 10/06/17 | 6500 | --- | 21000 | --- | --- | 460 | 16 | 36 | 290 | <4 | 7.4 | <40 | 10 | <4 | <4 |
| GMW-O-20 | 05/15/18 | 82 | --- | 340 | --- | --- | 2.7 | <0.50 | <0.50 | 3.2 | <0.50 | 4.6 | 10 | 4.1 | <1 | <1 |
| GMW-O-20 | 11/08/18 | 1300 | --- | 2700 | --- | --- | 86 | 3.6 | 2.7 | 31 | <1 | 5.2 | 22 | 6.9 | <1 | <1 |
| GMW-O-20 | 04/23/19 | 1200 | --- | 1400 | --- | --- | 240 | 7.2 | 27 | 59 | <2 | 22 | 42 | 14 | <2 | <2 |
| 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-20 | 08/20/20 | 610 | --- | 1800 | --- | --- | 100 | 0.77 | 4.0 | 1.3 | <1.0 | 14 | 17 | 8.7 | <1.0 | <1.0 |
| GMW-O-20 | 11/09/20 | 400 | --- | 850 | --- | --- | 51 | 1.3 | 0.51 | 1.4 | <0.50 | 17 | 18 | 14 | <1.0 | <1.0 |
| GMW-O-20 | 02/24/21 | 570 | --- | 620 | --- | --- | 140 | <1.0 | 4.8 | <1.0 | <2.0 | 8.7 | <20 | 4.3 | <2.0 | <2.0 |
| GMW-O-20 | 05/04/21 | 640 | --- | 530 | --- | --- | 200 | 1.4 | 6.2 | 1.5 | <2.0 | 8.8 | <20 | 12 | <2.0 | <2.0 |
| GMW-O-20 | 09/01/21 | 210 | --- | 3200 | --- | --- | 7.5 | <1.0 | <1.0 | 1.4 | <2.0 | 11 | 620 | 9.0 | <2.0 | <2.0 |
| GMW-O-20 | 11/05/21 | 96 | --- | 1000 | --- | --- | 1.5 | <0.50 | <0.50 | 0.64 | <0.50 | 9.9 | 120 | 12 | <1.0 | <1.0 |
| GMW-O-20 | 03/10/22 | <100 | --- | 1400 | --- | --- | 0.69 | <0.50 | <0.50 | <0.50 | <1.0 | 1.8 | 94 | 5.3 | <1.0 | <1.0 |
| GMW-O-21 | 10/07/03 | 47000 | 20000 | --- | --- | --- | 15000 | 5200 | 500 | 3160 | <100 | 5200 | --- | --- | --- | --- |
| GMW-O-21 | 10/08/10 | 66000 | 8000 | --- | --- | --- | 19000 | 8200 | 1200 | 3800 | <200 | <100 | <2000 | <200 | <200 | <200 |
| GMW-O-21 | 04/29/11 | 18000 | 5300 | --- | --- | --- | 7400 | 2400 | 190 | 1940 | <50 | 95 | <500 | 86 | <50 | <50 |
| GMW-O-21 | 10/14/11 | 31000 | 6400 | --- | --- | --- | 8300 | 4100 | 290 | 2400 | <100 | 51 | <1000 | <100 | <100 | <100 |
| GMW-O-21 | 04/19/12 | 32000 | --- | 1200 | --- | --- | 11000 | 4400 | 230 | 3000 | <100 | <50 | <1000 | <100 | <100 | <100 |
| GMW-O-21 | 10/19/12 | 1200 | --- | 880 | --- | --- | 370 | 71 | 4.8 | 66 | <2 | 3.2 | 96 | 8.7 | <2 | <2 |
| GMW-O-21 | 10/07/16 | 18000 | --- | 2000 | --- | --- | 2900 | 21 | 280 | 1600 | <40 | <20 | <400 | <40 | <40 | <40 |
| GMW-O-21 | 04/21/17 | 3100 | --- | 1100 | --- | --- | 55 | 5.7 | 11 | 180 | <2 | <1 | <20 | <2 | <2 | <2 |
| GMW-O-21 | 10/06/17 | 9700 | --- | 750 | --- | --- | 4300 | <20 | 22 | <20 | <40 | <20 | <400 | 52 | <40 | <40 |
| GMW-O-21 | 04/20/18 | 2000 | --- | 2100 | --- | --- | 1000 | 6.8 | 8.9 | <5 | <10 | <5 | <100 | 15 | <10 | <10 |
| GMW-O-21 | 11/09/18 | <8000 | --- | 2400 | --- | --- | 4300 | <40 | <40 | <40 | <80 | <40 | <800 | <80 | <80 | <80 |
| GMW-O-21 | 04/18/19 | 140 | --- | 64 | --- | --- | 14 | 0.64 | 0.72 | <0.50 | <0.50 | 5.9 | 13 | 15 | <1 | <1 |
| GMW-O-21 | 11/01/19 | 7600 | --- | 1100 | --- | --- | 3,900 | 12 | 120 | 79 | <20 | <10 | <200 | 32 | <20 | <20 |
| 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 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-O-21 | 08/20/20 | 7300 | --- | 680 | --- | --- | 3400 | 19 | 37 | 120 | 110 | <15 | <300 | <30 | <30 | <30 |
| GMW-O-21 | 11/09/20 | 4900 | --- | 730 | --- | --- | 2300 | <10 | 31 | 16 | <20 | <10 | <200 | 26 | <20 | <20 |
| GMW-O-21 | 02/24/21 | 7500 | --- | 680 | --- | --- | 2,700 | <10 | <10 | 26 | <20 | <10 | <200 | <20 | <20 | <20 |
| GMW-O-21 | 05/05/21 | 4100 | --- | 1700 | --- | --- | 1,100 | 10 | 8.2 | 20 | <10 | <5.0 | <100 | <10 | <10 | <10 |
| GMW-O-21 | 09/01/21 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | 1.1 | <1.0 | <1.0 |
| GMW-O-21 | 11/05/21 | <100 | --- | 310 | --- | --- | 3.2 | <0.50 | <0.50 | <0.50 | <1.0 | 9.8 | 18 | 16 | <1.0 | <1.0 |
| GMW-O-21 | 03/10/22 | <50 | --- | 93 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-23 | 10/08/10 | 120000 | 25000 | --- | --- | --- | 22000 | 21000 | 1800 | 8100 | <200 | 2600 | <2000 | <200 | <200 | <200 |
| GMW-O-23 | 04/13/11 | 75000 | 12000 | --- | --- | --- | 15000 | 13000 | 850 | 5800 | <200 | 1700 | <2000 | <200 | <200 | <200 |
| GMW-O-23 | 10/13/11 | 65000 | 7200 | --- | --- | --- | 16000 | 11000 | 540 | 3800 | <200 | 1500 | <2000 | <200 | <200 | <200 |
| GMW-O-23 | 10/19/12 | 29000 | --- | 31000 | --- | --- | 7000 | 5000 | 130 | 1900 | <100 | 400 | <1000 | <100 | <100 | <100 |
| GMW-O-23 | 06/29/16 | 17000 | --- | 120000 | --- | --- | 250 | 89 | 88 | 1700 | <10 | 20 | <100 | <10 | <10 | <10 |
| GMW-O-23 | 08/23/16 | 8700 | --- | 160000 | --- | --- | 81 | 13 | 16 | 620 | 0.26 | 8.2 | 81 | 0.47 | <20 | <20 |
| GMW-O-23 | 10/07/16 | 2800 | --- | 170000 | --- | --- | 15 | <4 | 9.3 | 110 | <8 | 5 | <80 | <8 | <8 | <8 |
| GMW-O-23 | 04/21/17 | 1600 | --- | 1300 | --- | --- | 11 | 3.6 | 1.6 | 220 | <2 | 4 | <20 | 3.5 | <2 | <2 |
| GMW-O-23 | 10/06/17 | <50 | --- | 1300 | --- | --- | 0.78 | <0.50 | 0.6 | 2.1 | <0.50 | 0.99 | 24 | 4.9 | <1 | <1 |
| GMW-O-23 | 04/20/18 | 110 | --- | 1200 | --- | --- | 0.99 | <0.50 | <0.50 | <0.50 | <1 | 5.6 | 120 | 30 | <1 | <1 |
| GMW-O-23 | 11/08/18 | 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 | <100 | --- | 1500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.94 | 140 | 27 | <1 | <1 |
| 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-O-23 | 08/20/20 | <100 | --- | 490 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 3.2 | 200 | 38 | <1.0 | <1.0 |
| GMW-O-23 | 11/06/20 | 100 | --- | 550 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 2.4 | 75 | 33 | <1.0 | <1.0 |
| GMW-O-23 | 02/24/21 | 120 | --- | 440 | --- | --- | 11 | <0.50 | <0.50 | <0.50 | <1.0 | 6.4 | 120 | 23 | <1.0 | <1.0 |
| GMW-O-23 | 05/04/21 | 110 | --- | 340 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 9.4 | 40 | 37 | <1.0 | <1.0 |
| GMW-O-23 | 09/01/21 | 57 | --- | 290 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.3 | <10 | 12 | <1.0 | <1.0 |
| GMW-O-23 | 11/05/21 | <50 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.5 | <10 | 9.5 | <1.0 | <1.0 |
| GMW-O-23 | 03/10/22 | 75 | --- | 91 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | 2.4 | <1.0 | <1.0 |
| GMW-O-24 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.99 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.2 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 10/23/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/23/15 | <50 | --- | 74 | --- | --- | 0.7 | <0.50 | <0.50 | 0.97 | <0.50 | 0.5 | 20 | <1 | <1 | <1 |
| GMW-O-24 | 06/30/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.76 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/21/17 | <50 | --- | <50 | --- | --- | 0.8 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/18/18 | <50 | --- | 59 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-O-24 | 02/25/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-24 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-24 | 08/31/21 | <50 | --- | 82 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-24 | 11/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-O-24 | 03/10/22 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-SF-7 | 11/25/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | 5.8 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-SF-7 | 07/11/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 8.7 | --- | --- | --- | --- |
| GMW-SF-7 | 01/02/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| GMW-SF-7 | 05/19/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 11/11/98 | <300 | <100 | --- | --- | --- | 0.96 | <0.50 | <0.50 | 1.3 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 05/07/99 | <500 | --- | <500 | --- | --- | 1 | 4.1 | <0.50 | 1.8 | <1 | 1.3 | --- | --- | --- | --- |
| GMW-SF-7 | 11/18/99 | 350 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 200 | --- | --- | --- | --- |
| GMW-SF-7 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 02/01/02 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | --- | --- | --- | --- |
| GMW-SF-7 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | --- | --- | --- | --- |
| GMW-SF-7 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.1 | --- | --- | --- | --- |
| GMW-SF-7 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.73 | --- | --- | --- | --- |
| GMW-SF-7 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 01/28/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 32 | --- | --- | --- | --- |
| GMW-SF-7 | 07/19/04 | 550 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 680 | --- | --- | --- | --- |
| GMW-SF-7 | 11/02/04 | 220 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 340 | --- | --- | --- | --- |
| GMW-SF-7 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 09/18/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 08/30/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 11/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 10/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-7 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-SF-7 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 81 | <1 | <1 | <1 |
| GMW-SF-7 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-7 | 10/29/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-SF-7 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-SF-7 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-SF-7 | 11/02/21 | <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 | <100 | --- | <500 | --- | --- | 4.5 | <1 | <1 | <3 | <1 | 920 | --- | --- | --- | --- |
| GMW-SF-8 | 07/11/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 140 | --- | --- | --- | --- |
| GMW-SF-8 | 01/06/98 | <100 | --- | <500 | --- | --- | 4.1 | <0.50 | <0.50 | <1.5 | <0.50 | 450 | --- | --- | --- | --- |
| GMW-SF-8 | 05/22/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | 0.9 | --- | --- | --- | --- |
| GMW-SF-8 | 11/12/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 40 | --- | --- | --- | --- |
| GMW-SF-8 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 4.8 | --- | --- | --- | --- |
| GMW-SF-8 | 11/18/99 | 660 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 800 | --- | --- | --- | --- |
| GMW-SF-8 | 05/17/00 | <300 | 250 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 42 | --- | --- | --- | --- |
| GMW-SF-8 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 220 | --- | --- | --- | --- |
| GMW-SF-8 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 20 | --- | --- | --- | --- |
| GMW-SF-8 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 260 | --- | --- | --- | --- |
| GMW-SF-8 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.8 | --- | --- | --- | --- |
| GMW-SF-8 | 10/22/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5.2 | --- | --- | --- | --- |
| GMW-SF-8 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | --- | --- | --- | --- |
| GMW-SF-8 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.5 | --- | --- | --- | --- |
| GMW-SF-8 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 10/06/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 01/27/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 07/19/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 11/03/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 08/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 11/01/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 05/02/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 09/18/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 12/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 05/04/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|-------------|-------|---------------------|---------------------|------------|---------|--------------|---------|-------------|------------|------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GMW-SF-8 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 04/16/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 10/14/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GMW-SF-8 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-8 | 10/29/19 | <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 |
| GMW-SF-8 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-SF-8 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GMW-SF-8 | 11/03/21 | <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 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 9.2 | --- | --- | --- | --- |
| GMW-SF-9 | 10/10/03 | 79 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 14 | --- | --- | --- | --- |
| GMW-SF-9 | 10/07/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-9 | 04/13/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-9 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 40 | <1 | <1 | <1 |
| GMW-SF-9 | 10/12/11 | <100 | 1300 | --- | --- | --- | 1.5 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-9 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 110 | <1 | <1 | <1 |
| GMW-SF-9 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 270 | <1 | <1 | <1 |
| GMW-SF-10 | 09/24/03 | 90 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 210 | --- | --- | --- | --- |
| GMW-SF-10 | 10/10/03 | 100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 120 | --- | --- | --- | --- |
| GMW-SF-10 | 10/07/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-10 | 04/14/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-10 | 10/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-10 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GMW-SF-10 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| GW-1 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 0.84 | 2.3 | <10 | <2 | <2 | <2 |
| GW-1 | 08/03/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|--------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GW-1 | 04/29/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 4.7 | <2 | <10 | <2 | <2 | <2 |
| GW-1 | 10/21/15 | <100 | --- | <100 | --- | --- | 2.3 | <0.50 | 4.2 | 15 | 4.9 | <2 | <10 | <2 | <2 | <2 |
| GW-1 | 10/05/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 9.1 | <1 | <10 | <2 | <2 | <2 |
| GW-1 | 04/19/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.8 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 01/12/10 | <100 | --- | --- | --- | 120 | 3.6 | <0.50 | <0.50 | <0.50 | 23 | 1.8 | 8.8 J | 2.6 | <2 | <2 |
| GW-2 | 10/08/10 | 180 | --- | --- | --- | 800 | 18 | --- | --- | --- | 4.6 | 1.4 | 21 | --- | --- | --- |
| GW-2 | 04/19/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 4 | 0.6 | <10 | <2 | <2 | <2 |
| GW-2 | 07/10/12 | --- | --- | --- | --- | 110 | 2.4 | <0.50 | <0.50 | 0.24 | 6.2 | 0.69 | 10 | 0.79 J | <2 | <2 |
| GW-2 | 04/11/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 1.2 | <10 | 0.46 J | <2 | <2 |
| GW-2 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.3 | 0.55 | <10 | <2 | <2 | <2 |
| GW-2 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | 0.51 | <10 | <2 | <2 | <2 |
| GW-2 | 11/03/14 | 1800 | --- | 230 | --- | --- | 31 | 4 | 65 | 350 | 2.5 | <2 | <10 | <2 | <2 | <2 |
| GW-2 | 04/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 2.4 | <2 | <10 | <2 | <2 | <2 |
| GW-2 | 10/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.1 | <2 | <10 | <2 | <2 | <2 |
| GW-2 | 04/12/16 | <100 | --- | <100 | --- | --- | 1 | <0.50 | 1.9 | 6.1 | 1.2 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 10/05/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.6 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 04/19/17 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 0.5 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 10/05/17 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.9 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 04/19/18 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 11/08/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 0.51 | <1 | <10 | <2 | <2 | <2 |
| GW-2 | 04/18/19 | <100 | --- | 260 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.4 | <10 | <2 | <2 | <2 |
| GW-2 | 11/05/19 | <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 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-2 | 10/26/20 | <100 | --- | 160 | --- | --- | <0.50 | <0.50J | <0.50J | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-2 | 05/06/21 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-2 | 11/03/21 | <100 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-3 | 04/11/03 | --- | 134 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GW-3 | 10/11/03 | --- | 300 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | --- | --- | --- | --- |
| GW-3 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <10 | <2 | <2 | <2 |
| GW-3 | 11/04/04 | --- | 3900 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 05/10/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 05/03/06 | --- | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 12/06/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 04/24/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 17 | <2 | <2 | <2 |
| GW-3 | 10/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 04/15/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 18 | <2 | <2 | <2 |
| GW-3 | 04/11/13 | --- | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 9.6 J | <2 | <2 | <2 |
| GW-3 | 10/07/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-3 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-3 | 04/21/15 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GW-3 | 10/23/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-3 | 04/12/16 | <100 | --- | <100 | --- | --- | 1 | <0.50 | 2.2 | 6.9 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 10/05/16 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 04/19/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 10/02/17 | <100 | --- | 290 | --- | --- | 2.4 | <0.50 | 6 | 2 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 10/25/17 | --- | --- | 240 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 04/19/18 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 11/08/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 04/17/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-3 | 10/29/19 | <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 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-3 | 10/22/20 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-3 | 05/06/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-3 | 11/01/21 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-4 | 04/24/15 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2.6 | <10 | <2 | <2 | <2 |
| GW-4 | 10/22/15 | <100 | --- | 4100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-4 | 10/10/16 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-6 | 11/06/98 | 339 | <100 | --- | --- | --- | 9.3 | 1.1 | 8.4 | 6.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| GW-6 | 05/27/99 | <300 | <100 | --- | --- | --- | 62 | <0.50 | 12 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GW-6 | 11/18/99 | 690 | 930 | --- | --- | --- | 90 | <1 | 80 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GW-6 | 05/17/00 | <300 | 160 | --- | --- | --- | 1.7 | <0.50 | 2.5 | <0.50 | <0.50 | 19 | --- | --- | --- | --- |
| GW-6 | 12/01/00 | <300 | 180 | --- | --- | --- | 3.7 | <0.50 | 1.6 | <0.50 | <0.50 | 21 | --- | --- | --- | --- |
| GW-6 | 05/10/01 | <300 | 140 | --- | --- | --- | 0.7 | <0.50 | <0.50 | <0.50 | <0.50 | 23 | --- | --- | --- | --- |
| GW-6 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 21 | --- | --- | --- | --- |
| GW-6 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | 9.6 | --- | --- | --- | --- |
| GW-6 | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| GW-6 | 10/10/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.71 | --- | --- | --- | --- |
| GW-6 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 11/04/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 05/10/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 05/05/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 05/02/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 10/15/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 04/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | <2 | <2 | <2 |
| GW-6 | 10/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | <10 | <2 | <2 | <2 |
| GW-6 | 04/13/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.76 | <10 | <2 | <2 | <2 |
| GW-6 | 10/05/10 | --- | --- | --- | --- | 110 | <0.50 | --- | --- | --- | <0.50 | 1.1 | 4.7 J | --- | --- | --- |
| GW-6 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | <10 | <2 | <2 | <2 |
| GW-6 | 04/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | <10 | <2 | <2 | <2 |
| GW-6 | 10/19/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.67 | <10 | <2 | <2 | <2 |
| GW-6 | 04/10/13 | --- | --- | 130 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.68 | <10 | <2 | <2 | <2 |
| GW-6 | 10/08/13 | <100 | --- | 180 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | 12 | <2 | <2 | <2 |
| GW-6 | 04/15/14 | <100 | --- | <95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-6 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|--------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GW-6 | 04/21/15 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.1 | 25 | <2 | <2 | <2 |
| GW-6 | 10/05/16 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.4 | <10 | <2 | <2 | <2 |
| GW-6 | 04/19/17 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-6 | 10/05/17 | <100 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.9 | <10 | <2 | <2 | <2 |
| GW-6 | 04/18/18 | <100 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.7 | <10 | <2 | <2 | <2 |
| GW-6 | 11/08/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-6 | 04/17/19 | <100 | --- | 410 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.6 | <10 | <2 | <2 | <2 |
| GW-6 | 11/05/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-6 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| GW-6 | 05/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-6 | 11/02/21 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-7 | 04/12/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | --- | --- | --- | --- |
| GW-7 | 04/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-7 | 10/11/16 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-7 | 04/19/17 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 10/09/13 | <100 | --- | 190 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-8 | 04/18/14 | <100 | --- | 100 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-8 | 10/28/14 | <100 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-8 | 04/24/15 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-8 | 10/22/15 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-8 | 10/07/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 10/03/17 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 04/18/18 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 11/09/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 04/16/19 | <100 | --- | 100 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-8 | 11/05/19 | <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-8 | 10/19/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-8 | 05/05/21 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-8 | 11/03/21 | <100 | --- | 120 | --- | --- | <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 | --- | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.94 | 3.5 | 20 | <2 | <2 | <2 |
| GW-13(6") | 05/03/07 | --- | 2800 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.83 | 5.3 | 31 | <2 | <2 | <2 |
| GW-13(6") | 04/17/08 | 230 | 1300 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.99 | 4.4 | 28 | <2 | <2 | <2 |
| GW-13(6") | 04/24/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 11 | <10 | 2.1 | <2 | <2 |
| GW-13(6") | 01/12/10 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 4.8 | 5.2 J | 3.7 | <2 | <2 |
| GW-13(6") | 04/13/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 7.4 | 12 | 16 | 1.5 J | <2 | <2 |
| GW-13(6") | 10/08/10 | <100 | --- | --- | --- | 120 | <0.50 | --- | --- | --- | 5 | 11 | 24 | --- | --- | --- |
| GW-13(6") | 04/22/11 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | 6.8 | 16 | 0.72 J | <2 | <2 |
| GW-13(6") | 04/18/12 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 6.9 | 3 | <10 | 1.2 J | <2 | <2 |
| GW-13(6") | 07/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | 0.78 | <10 | <2 | <2 | <2 |
| GW-13(6") | 04/10/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.1 | 1.7 | 19 | 2 J | <2 | <2 |
| GW-13(6") | 10/09/13 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.4 | 0.92 | <10 | <2 | <2 | <2 |
| GW-13(6") | 04/16/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.2 | 1.4 | <10 | 1.8 J | <2 | <2 |
| GW-13(6") | 11/03/14 | 1500 | --- | 170 | --- | --- | 9.4 | 2.4 | 53 | 280 | 7.6 | <2 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|--------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GW-13(6") | 04/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 8.5 | <2 | <10 | <2 | <2 | <2 |
| GW-13(6") | 10/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 6.2 | <2 | <10 | <2 | <2 | <2 |
| GW-13(6") | 04/12/16 | <100 | --- | <100 | --- | --- | 0.57 | <0.50 | 1.6 | 5.4 | 6.6 | <1 | <10 | <2 | <2 | <2 |
| GW-13(6") | 10/05/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 8.1 | <1 | <10 | <2 | <2 | <2 |
| GW-13(6") | 04/19/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.7 | <1 | <10 | <2 | <2 | <2 |
| GW-13(6") | 10/05/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.4 | <1 | <10 | <2 | <2 | <2 |
| GW-13(6") | 04/19/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 4.1 | 1.6 | <10 | <2 | <2 | <2 |
| GW-13(6") | 11/08/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.6 | <1 | <10 | <2 | <2 | <2 |
| GW-13(6") | 04/18/19 | <100 | --- | 380 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.4 | <10 | <2 | <2 | <2 |
| GW-13(6") | 11/05/19 | <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 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | 0.66 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-13(6") | 10/22/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-13(6") | 05/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-13(6") | 11/01/21 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-14(1") | 11/15/07 | --- | 950 | --- | --- | --- | 35 | <0.50 | 14 | 3.94 | <0.50 | 18 | 20 | <2 | <2 | <2 |
| GW-14(1") | 04/18/08 | 900 | 1000 | --- | --- | --- | 78 | <0.50 | <0.50 | 2.25 | <0.50 | 18 | 13 | <2 | <2 | <2 |
| GW-14(1") | 10/22/09 | 110 | --- | --- | --- | 900 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-14(1") | 01/13/10 | 950 | --- | --- | --- | 2100 | 62 | 0.35 J | 1 | 1.4 | <0.50 | 17 | 18 | <2 | <2 | <2 |
| GW-14(6") | 05/03/07 | --- | 4000 | --- | --- | --- | 200 | 5.2 | 220 | 900 | --- | 39 | --- | --- | --- | --- |
| GW-14(6") | 10/16/08 | 820 | --- | --- | --- | 2700 | 40 | <0.50 | 2.1 | 1 | <0.50 | 22 | 16 | <2 | <2 | <2 |
| GW-14(6") | 04/24/09 | 690 | --- | --- | --- | 1600 | 66 | <0.50 | 0.99 | 0.64 | <0.50 | 13 | 14 | <2 | <2 | <2 |
| GW-14(6") | 04/15/11 | --- | --- | --- | --- | 2600 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| GW-14(6") | 04/22/11 | --- | --- | --- | --- | --- | 76 | <0.50 | 9.4 | 9.01 | <0.50 | 17 | 7.8 J | <2 | <2 | 0.87 J |
| GW-14(6") | 04/20/12 | 1800 b | --- | --- | --- | 1300 | 19 | <0.50 | 14 | 6.46 | <0.50 | 8.5 | <10 | <2 | <2 | <2 |
| GW-14(6") | 07/10/12 | --- | --- | --- | --- | 2200 | 18 | <0.50 | 16 | 10.6 | <0.50 | 8.2 | 5.1 J | <2 | <2 | <2 |
| GW-14(6") | 04/12/13 | 1800 b | --- | 4800 | --- | --- | 30 | <0.50 | 8.2 | 1.34 J | <0.50 | 13 | 10 | <2 | <2 | 0.82 J |
| GW-14(6") | 10/09/13 | 1600 HD | --- | 3400 HD | --- | --- | 48 | <0.50 | 7.3 | 1.15 | <0.50 | 15 | <10 | <2 | <2 | <2 |
| GW-14(6") | 04/17/14 | 2200 HD | --- | 7700 HD | --- | --- | 32 | <0.50 | 8.4 | 1.22 | <0.50 | 11 | 64 | <2 | <2 | <2 |
| GW-14(6") | 10/31/14 | 1700 | --- | 3200 | --- | --- | 160 | <0.50 | 1.1 | 0.62 | <0.50 | 20 | 20 | <2 | <2 | <2 |
| GW-14R | 10/26/20 | 1400 | --- | 8100 | --- | --- | 7.5 | <0.50J | 5.5 J | 1.2 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-14R | 11/08/21 | 140 | --- | 1800 | --- | --- | 1.9 | <0.50 | 0.86 | <1.0 | <0.50 | 1.3 | 16 | <2.0 | <2.0 | <2.0 |
| GW-15(6") | 05/03/07 | 8500 | 1600 | --- | --- | --- | 1100 | 1000 | 130 | 570 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-15(6") | 11/03/14 | 32000 | --- | 11000 | --- | --- | 2700 | 78 | 1100 | 5100 | <10 | <40 | <200 | <40 | <40 | <40 |
| GW-15(6") | 04/21/15 | 7700 | --- | 2100 | --- | --- | 250 | <10 | 150 | 850 | <10 | <40 | <200 | <40 | <40 | <40 |
| GW-15(6") | 10/26/15 | 7500 | --- | 38000 | --- | --- | 350 | <2.5 | 120 | 660 | <2.5 | <10 | <50 | <10 | <10 | <10 |
| GW-15(6") | 10/11/16 | 8700 | --- | 24000 | --- | --- | 730 | <2.5 | <2.5 | <5 | <2.5 | <5 | <50 | <10 | <10 | <10 |
| GW-15(6") | 10/09/17 | 990 | --- | 610 | --- | --- | 550 | <5 | <5 | 10 | <5 | <10 | <100 | <20 | <20 | <20 |
| GW-15(6") | 04/23/18 | 640 | --- | 360 | --- | --- | 340 | <5 | <5 | <10 | <5 | <10 | <100 | <20 | <20 | <20 |
| GW-15(6") | 11/15/18 | <100 | --- | <100 | --- | --- | 11 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-15(6") | 04/18/19 | 190 | --- | 350 | --- | --- | 50 | 2.4 | 0.84 | 11 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-15(6") | 11/06/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-15(6") | 10/21/20 | <100 | --- | 8000 J | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-15(6") | 05/10/21 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-15(6") | 11/04/21 | <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 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GW-16(6") | 01/13/10 | <100 | --- | --- | --- | 460 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.4 J | <2 | <2 | <2 |
| GW-16(6") | 04/19/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | 2.6 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-16(6") | 10/08/10 | <100 | --- | --- | --- | <100 | 1.7 | --- | --- | --- | <0.50 | <0.50 | 5.5 J | --- | --- | --- |
| GW-16(6") | 04/12/11 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 76 | <2 | <2 | <2 |
| GW-16(6") | 10/09/13 | <100 | --- | 1300 HD | --- | --- | 1 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-16(6") | 04/17/14 | <100 | --- | <98 | --- | --- | 4.7 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| GW-16(6") | 11/03/14 | 2500 | --- | 250 | --- | --- | 58 | 6 | 88 | 470 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-16(6") | 04/21/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-16(6") | 10/21/15 | 100 | --- | <100 | --- | --- | 7.1 | <0.50 | 7.4 | 26 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| GW-16(6") | 04/13/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | 2.3 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 10/04/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 10/03/17 | <100 | --- | <100 | --- | --- | 2.2 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 04/17/18 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 11/09/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 04/16/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| GW-16(6") | 10/30/19 | <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 |
| GW-16(6") | 10/21/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-16(6") | 05/05/21 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| GW-16(6") | 11/04/21 | <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 | --- | --- | --- | --- | --- | 1500 | 21 | 150 | 102 | <5 | 2700 | --- | --- | --- | --- |
| GWR-1 | 07/16/97 | 1300 | --- | 920 | --- | --- | 220 | <5 | 360 | 28.8 | <5 | 1800 | --- | --- | --- | --- |
| GWR-1 | 01/09/98 | 210 | --- | <500 | --- | --- | 2.9 | <0.50 | 40 | 240 | <0.50 | 330 | --- | --- | --- | --- |
| GWR-1 | 05/27/98 | 4100 | --- | --- | --- | --- | 960 | 90 | 90 | 240 | <0.50 | 630 | --- | --- | --- | --- |
| GWR-1 | 11/17/98 | 3830 | 3320 | --- | --- | --- | 1200 | 74 | 99 | 387 | <25 | 1070 | --- | --- | --- | --- |
| GWR-1 | 05/07/99 | 4200 | --- | 530 | --- | --- | 1600 | 22 | 96 | 290 | <13 | 910 | --- | --- | --- | --- |
| GWR-1 | 11/18/99 | 1300 | 800 | --- | --- | --- | 220 | <10 | 14 | 14 | <10 | 690 | --- | --- | --- | --- |
| GWR-1 | 05/16/00 | 880 | 1400 | --- | --- | --- | 160 | <10 | 16 | 16 | 6.1 | 550 | --- | --- | --- | --- |
| GWR-1 | 11/30/00 | 3200 | 5300 | --- | --- | --- | 1600 | 8.6 | 87 | 33 | <0.50 | 360 | --- | --- | --- | --- |
| GWR-1 | 05/08/01 | 4400 | 6900 | --- | --- | --- | 1800 | 170 | 160 | 235 | <10 | 370 | --- | --- | --- | --- |
| GWR-1 | 11/06/01 | 2300 | 710 | --- | --- | --- | 240 | 13 | 31 | 56 | <0.50 | 2400 | --- | --- | --- | --- |
| GWR-1 | 04/09/02 | 2500 | 1000 | --- | --- | --- | 580 | <10 | 18 | 57 | <10 | 4000 | --- | --- | --- | --- |
| GWR-1 | 10/23/02 | 1900 | 1900 | --- | --- | --- | 270 | <10 | <10 | <10 | <10 | 2500 | --- | --- | --- | --- |
| GWR-1 | 10/07/03 | 1400 | 500 | --- | --- | --- | 150 | 1.7 | 7.5 | 19.7 | 110 | 1300 | --- | --- | --- | --- |
| GWR-1 | 05/06/05 | 16000 | 39000 | --- | --- | --- | 260 | 610 | 460 | 2060 | <5 | 11 | --- | --- | --- | --- |
| GWR-1 | 08/01/05 | 8300 | 3800 | --- | --- | --- | 1700 | 490 | 370 | 1110 | <20 | 25 | --- | --- | --- | --- |
| GWR-1 | 05/04/06 | 3700 | 1900 | --- | --- | --- | 980 | 23 | 120 | 343 | <10 | 19 | --- | --- | --- | --- |
| GWR-1 | 09/18/06 | 960 | 880 | --- | --- | --- | 220 | 4.4 | 19 | 63.6 | <2 | 5.4 | --- | --- | --- | --- |
| GWR-1 | 05/02/07 | 750 | 720 | --- | --- | --- | 170 | 1.3 | 12 | <1 | <2 | 4.1 | --- | --- | --- | --- |
| GWR-1 | 04/17/08 | 3600 | 1500 | --- | --- | --- | 1700 | 17 | 87 | 60 | <30 | 21 | --- | --- | --- | --- |
| GWR-1 | 04/20/09 | 5100 | 1700 | --- | --- | --- | 3000 | <15 | 48 | <15 | <30 | 31 | <300 | 30 | <30 | <30 |
| GWR-1 | 05/27/10 | 2100 | 1100 | --- | --- | --- | 800 | 9.5 | 16 | 34 | <10 | 23 | <100 | 27 | <10 | <10 |
| GWR-1 | 04/13/11 | 1300 | 2300 | --- | --- | --- | 490 | 43 | 31 | 54 | <5 | 4.1 | 160 | 5.2 | <5 | <5 |
| GWR-1 | 04/20/12 | 450 | --- | 230 | --- | --- | 84 | <1 | 4.8 | <1 | <2 | 3.4 | <20 | 4.9 | <2 | <2 |
| GWR-1 | 10/18/12 | 440 | --- | 240 | --- | --- | 140 | 2.2 | <1.5 | 1.5 | <3 | 8.6 | 68 | 15 | <3 | <3 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| GWR-1 | 04/11/13 | <500 | --- | 330 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 9.1 | 68 | 13 | <5 | <5 |
| GWR-1 | 10/11/13 | <200 | --- | 220 | --- | --- | <1 | <1 | <1 | <1 | <2 | 6.7 | 120 | 12 | <2 | <2 |
| GWR-1 | 04/17/14 | 130 | --- | 90 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.6 | 180 | 10 | <1 | <1 |
| GWR-1 | 10/30/14 | <100 | --- | 1000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 8.9 | 54 | 5.3 | <1 | <1 |
| GWR-1R | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.72 | <0.50 | 93 | 4.7 | <1 | <1 |
| GWR-1R | 10/05/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.96 | <0.50 | 76 | 5.2 | <1 | <1 |
| GWR-1R | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | 0.52 | 90 | 5.7 | <1 | <1 |
| GWR-1R | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | 61 | 3.3 | <1 | <1 |
| GWR-1R | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | 28 | 1.4 | <1 | <1 |
| GWR-1R | 11/01/19 | <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 | <50 | --- | 52 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GWR-1R | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.0 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GWR-1R | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GWR-1R | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| GWR-3 | 10/08/10 | 21000 | <29000 | --- | --- | --- | 10000 | <100 | <100 | <100 | <200 | 400 | <2000 | <200 | <200 | <200 |
| GWR-3 | 04/13/11 | 25000 | 36000 | --- | --- | --- | 11000 | <50 | <50 | <50 | <100 | 300 | <1000 | <100 | <100 | <100 |
| GWR-3 | 10/13/11 | <20000 | 6600 | --- | --- | --- | 9100 | <100 | <100 | <100 | <200 | 280 | <2000 | <200 | <200 | <200 |
| HL-2 | 11/27/96 | --- | --- | --- | --- | --- | 2600 | 100 | 560 | 390 | 170 | 3000 | --- | --- | --- | --- |
| HL-2 | 07/16/97 | 1400 | --- | 530 | --- | --- | 200 | 1.2 | 150 | 13.3 | 74 | 810 | --- | --- | --- | --- |
| HL-2 | 01/09/98 | 150 | --- | --- | --- | --- | <0.50 | 0.79 | 3.5 | <1.5 | 40 | 570 | --- | --- | --- | --- |
| HL-2 | 01/12/98 | --- | --- | <500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HL-2 | 05/27/98 | 500 | --- | --- | --- | --- | 72 | 9 | 6 | 42 | 60 | 308 | --- | --- | --- | --- |
| HL-2 | 11/17/98 | <300 | <100 | --- | --- | --- | 0.95 | <0.50 | <0.50 | 0.6 | 0.94 | 13.8 | --- | --- | --- | --- |
| HL-2 | 05/07/99 | <500 | --- | <500 | --- | --- | 1.8 | 5.1 | <0.50 | 1.8 | <1 | 4.8 | --- | --- | --- | --- |
| HL-2 | 11/19/99 | <300 | <100 | --- | --- | --- | 2 | <0.50 | <0.50 | <0.50 | 2.6 | 36 | --- | --- | --- | --- |
| HL-2 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 14 | --- | --- | --- | --- |
| HL-2 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | --- | --- | --- | --- |
| HL-2 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.3 | --- | --- | --- | --- |
| HL-2 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | --- | --- | --- | --- |
| HL-2 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-2 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.85 | --- | --- | --- | --- |
| HL-2 | 07/08/03 | --- | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| HL-2 | 10/07/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.96 | --- | --- | --- | --- |
| HL-2 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.9 | --- | --- | --- | --- |
| HL-2 | 07/08/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.67 | --- | --- | --- | --- |
| HL-2 | 05/06/05 | 280 | <100 | --- | --- | --- | 78 | <0.50 | <0.50 | 1.2 | 15 | 130 | --- | --- | --- | --- |
| HL-2 | 11/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 1.8 | --- | --- | --- | --- |
| HL-2 | 05/09/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| HL-2 | 12/06/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-2 | 05/02/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-2 | 11/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-2 | 04/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.56 | --- | --- | --- | --- |
| HL-2 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-2 | 04/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|------------|------------|---------------------|---------------------|------------|------------|--------------|-------------|------------|-------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| HL-2 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.57 | <10 | <1 | <1 | <1 |
| HL-2 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.58 | <10 | <1 | <1 | <1 |
| HL-2 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | 0.61 | <0.50 | 0.88 | <10 | <1 | <1 | <1 |
| HL-2 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/13/16 | <50 | --- | 63 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 10/05/17 | <50 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/19/18 | <50 | --- | 72 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-2 | 11/01/19 | <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 | <50 | --- | 52 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-2 | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-2 | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-2 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-3 | 05/10/01 | <300 | 300 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 110 | --- | --- | --- | --- |
| HL-3 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 93 | --- | --- | --- | --- |
| HL-3 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | 77 | --- | --- | --- | --- |
| HL-3 | 10/23/02 | <300 | 360 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 85 | --- | --- | --- | --- |
| HL-3 | 10/07/03 | 80 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 67 | --- | --- | --- | --- |
| HL-3 | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-3 | 05/03/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| HL-3 | 05/02/07 | 81 | 290 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 38 | --- | --- | --- | --- |
| HL-3 | 04/17/08 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.7 | --- | --- | --- | --- |
| HL-3 | 04/20/09 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | <1 | <1 | <1 |
| HL-3 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/16/14 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 10/30/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/22/15 | <50 | --- | 70 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <10 | <1 | <1 | <1 |
| HL-3 | 10/23/15 | <50 | --- | 60 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 03/14/16 | 130 | --- | 130 | --- | --- | 1.1 | 2.8 | 7.1 | 27 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/13/16 | <50 | --- | 100 | --- | --- | <0.50 | <0.50 | 0.8 | 3 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 06/29/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.58 | <10 | <1 | <1 | <1 |
| HL-3 | 10/06/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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|---|----------|-------------|-------------|-------------|---------------------|---------------------|--------------|--------------|--------------|--------------|------------|-------------|------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| HL-3 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 10/05/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 11/09/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| HL-3 | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-3 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-3 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| HL-3 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.59 | <10 | <1.0 | <1.0 | <1.0 |
| HL-4 | 11/25/96 | --- | --- | --- | --- | --- | <10 | 3.2 | 350 | 8.5 | <3 | 1200 | --- | --- | --- | --- |
| HL-4 | 07/16/97 | 270 | --- | <500 | --- | --- | 76 | <1 | <1 | 16.5 | 33 | 1500 | --- | --- | --- | --- |
| HL-4 | 01/08/98 | 590 | --- | 660 | --- | --- | 170 | 13 | 7.1 | 5 | 90 | 2300 | --- | --- | --- | --- |
| HL-4 | 05/27/98 | 1100 | --- | --- | --- | --- | 156 | 26 | 15 | 120 | 28 | 440 | --- | --- | --- | --- |
| HL-4 | 11/17/98 | 2030 | 1380 | --- | --- | --- | 700 | 76.2 | 20 | 107.8 | <0.50 | 904 | --- | --- | --- | --- |
| HL-4 | 05/07/99 | 2800 | --- | <500 | --- | --- | 1100 | 31 | 130 | 84 | <6 | 1500 | --- | --- | --- | --- |
| HL-4 | 11/18/99 | 2500 | 1100 | --- | --- | --- | 720 | <10 | <10 | 118 | <10 | 520 | --- | --- | --- | --- |
| HL-4 | 05/16/00 | 1200 | 1000 | --- | --- | --- | 300 | <10 | <10 | 29 | 51 | 740 | --- | --- | --- | --- |
| HL-4 | 11/29/00 | 1900 | 1200 | --- | --- | --- | 26 | <10 | <10 | <10 | 89 | 2800 | --- | --- | --- | --- |
| HL-4 | 05/08/01 | 1700 | 1100 | --- | --- | --- | 39 | <0.50 | 0.5 | 1.7 | 27 | 3300 | --- | --- | --- | --- |
| HL-4 | 11/06/01 | 950 | 140 | --- | --- | --- | 97 | <0.50 | <0.50 | 0.9 | <0.50 | 930 | --- | --- | --- | --- |
| HL-4 | 04/09/02 | 1600 | 230 | --- | --- | --- | 940 | <5 | <5 | 35 | <5 | 200 | --- | --- | --- | --- |
| HL-4 | 10/23/02 | <300 | 320 | --- | --- | --- | 8.5 | <5 | <5 | <5 | <5 | 1100 | --- | --- | --- | --- |
| HL-4 | 04/08/03 | 1500 | <100 | --- | --- | --- | 2.8 | <2.5 | <2.5 | <2.5 | 36 | 2200 | --- | --- | --- | --- |
| HL-4 | 10/07/03 | 690 | 110 | --- | --- | --- | 140 | <1 | <1 | <1 | <2 | 480 | --- | --- | --- | --- |
| HL-4 | 04/21/04 | 340 | <100 | --- | --- | --- | 39 | <0.50 | <0.50 | <0.50 | <1 | 370 | --- | --- | --- | --- |
| HL-4 | 11/03/04 | 200 | 120 | --- | --- | --- | 54 | <0.50 | <0.50 | <0.50 | <0.50 | 13 | --- | --- | --- | --- |
| HL-5 | 07/14/97 | 950 | --- | 3200 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| HP-1 | 08/07/97 | --- | --- | --- | 170 | --- | <5 | <5 | <5 | <10 | <5 | <5 | --- | --- | --- | --- |
| HP-2 | 08/07/97 | --- | --- | --- | 130 | --- | <5 | <5 | <5 | <10 | <5 | <5 | --- | --- | --- | --- |
| HP-3 | 08/07/97 | --- | --- | --- | <50 | --- | <5 | <5 | <5 | <10 | <5 | <5 | --- | --- | --- | --- |
| HP-6 | 08/08/97 | --- | --- | --- | 230 | --- | <5 | <5 | <5 | <10 | <5 | <5 | --- | --- | --- | --- |
| HP-8 | 08/08/97 | --- | --- | --- | 35000 | --- | 11000 | 12000 | 1200 | 7300 | <500 | <500 | --- | --- | --- | --- |
| MW-6 | 11/22/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 130 | 70 | --- | --- | --- | --- |
| MW-6 | 07/16/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 32 | 62 | --- | --- | --- | --- |
| MW-6 | 01/05/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 11 | 39 | --- | --- | --- | --- |
| MW-6 | 05/26/98 | <300 | --- | --- | --- | --- | <2.5 | <2.5 | <2.5 | <5 | 118 | 107 | --- | --- | --- | --- |
| MW-6 | 11/17/98 | <300 | <100 | --- | --- | --- | 4.8 | 11.6 | 1.5 | 9.9 | 9.2 | 12.7 | --- | --- | --- | --- |
| MW-6 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | 1.5 | <0.50 | <0.50 | <0.50 | 83 | 120 | --- | --- | --- |
| MW-6 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 20 | 18 | --- | --- | --- |
| MW-6 | 05/19/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 12 | --- | --- | --- | --- |
| MW-6 | 11/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 12 | 3 | --- | --- | --- | --- |
| MW-6 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.8 | 11 | --- | --- | --- | --- |
| MW-6 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 6.2 | --- | --- | --- | --- |
| MW-6 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.6 | 6 | --- | --- | --- | --- |
| MW-6 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.4 | 4.6 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-6 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.4 | 3.2 | --- | --- | --- | --- |
| MW-6 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.1 | 2.5 | --- | --- | --- | --- |
| MW-6 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.9 | 2.8 | --- | --- | --- | --- |
| MW-6 | 11/05/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4 | 4 | --- | --- | --- | --- |
| MW-6 | 05/05/05 | 89 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 61 | --- | --- | --- | --- |
| MW-6 | 11/03/05 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.9 | 30 | --- | --- | --- | --- |
| MW-6 | 05/03/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.8 | 2.5 | --- | --- | --- | --- |
| MW-6 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.1 | 2.7 | --- | --- | --- | --- |
| MW-6 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4 | 2.5 | --- | --- | --- | --- |
| MW-6 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | 2.3 | --- | --- | --- | --- |
| MW-6 | 04/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | 2.7 | --- | --- | --- | --- |
| MW-6 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 4 | --- | --- | --- | --- |
| MW-6 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 0.69 | <10 | <1 | <1 | <1 |
| MW-6 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 1 | <10 | <1 | <1 | <1 |
| MW-6 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 1.9 | <10 | <1 | <1 | <1 |
| MW-6 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.7 | 2 | <10 | <1 | <1 | <1 |
| MW-6 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | 2.3 | <10 | <1 | <1 | <1 |
| MW-6 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | 1 | <10 | <1 | <1 | <1 |
| MW-6 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.86 | <0.50 | <10 | <1 | <1 | <1 |
| MW-6 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-6 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.7 | <0.50 | <10 | <1 | <1 | <1 |
| MW-6 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.82 | 0.51 | <10 | <1 | <1 | <1 |
| MW-6 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.58 | 0.55 | <10 | <1 | <1 | <1 |
| MW-6 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | 0.67 | <10 | <1 | <1 | <1 |
| MW-6 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <10 | <1 | <1 | <1 |
| MW-6 | 10/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | 0.99 | 1.9 | 5.7 | <10 | 1.1 | <1 | <1 |
| MW-6 | 04/14/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.72 | 1.2 | <10 | <1 | <1 | <1 |
| MW-6 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.96 | 1.2 | <10 | <1 | <1 | <1 |
| MW-6 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.99 | 2.2 | <10 | <1 | <1 | <1 |
| MW-6 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 2 | <10 | 1.3 | <1 | <1 |
| MW-6 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.5 | 3.6 | <10 | 2.3 | <1 | <1 |
| MW-6 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | 1.6 | <10 | <1 | <1 | <1 |
| MW-6 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | 1.8 | <10 | <1 | <1 | <1 |
| MW-6 | 10/29/19 | <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 | <50 | --- | 51 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 0.75 | <10 | <1.0 | <1.0 | <1.0 |
| MW-6 | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 0.51 | <10 | <1.0 | <1.0 | <1.0 |
| MW-6 | 05/05/21 | <50 | --- | 53 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.76 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-6 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-7 | 11/25/96 | --- | --- | --- | --- | --- | 3.5 | <1 | 16 | <3 | 6.8 | 1000 | --- | --- | --- | --- |
| MW-7 | 07/14/97 | 540 | --- | <500 | --- | --- | 88 | <3 | <3 | <3 | <3 | 790 | --- | --- | --- | --- |
| MW-7 | 01/08/98 | 150 | --- | <500 | --- | --- | 9 | <0.50 | <0.50 | <1.5 | 4.1 | 400 | --- | --- | --- | --- |
| MW-7 | 05/26/98 | 400 | --- | --- | --- | --- | <5 | <5 | <5 | 7 | 10 | 380 | --- | --- | --- | --- |
| MW-7 | 11/17/98 | <300 | <100 | --- | --- | --- | 5.4 | 7 | <5 | <5 | <5 | 351 | --- | --- | --- | --- |
| MW-7 | 05/07/99 | <500 | --- | <500 | --- | --- | 0.79 | 2.2 | <0.50 | 0.71 | 6.8 | 540 | --- | --- | --- | --- |
| MW-7 | 11/16/99 | 540 | <100 | --- | --- | --- | 8.5 | <0.50 | <0.50 | <0.50 | 4.7 | 670 | --- | --- | --- | --- |
| MW-7 | 05/17/00 | 590 | 880 | --- | --- | --- | <5 | <5 | <5 | <5 | 14 | 900 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-7 | 11/30/00 | 590 | 320 | --- | --- | --- | 4.1 | <0.50 | <0.50 | <0.50 | 5.4 | 640 | --- | --- | --- | --- |
| MW-7 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | 36 | --- | --- | --- | --- |
| MW-7 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.4 | 8.2 | --- | --- | --- | --- |
| MW-7 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 71 | --- | --- | --- | --- |
| MW-7 | 10/23/02 | <300 | 180 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2 | 5 | --- | --- | --- | --- |
| MW-7 | 04/10/03 | 57 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 1.3 | --- | --- | --- | --- |
| MW-7 | 10/07/03 | 67 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 1.2 | --- | --- | --- | --- |
| MW-7 | 04/21/04 | 62 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.68 | 1.4 | --- | --- | --- | --- |
| MW-7 | 11/03/04 | 58 | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.85 | --- | --- | --- | --- |
| MW-7 | 05/06/05 | 58 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.82 | --- | --- | --- | --- |
| MW-7 | 11/03/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| MW-7 | 05/03/06 | <50 | <110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-7 | 12/06/06 | <50 | 270 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.65 | 1.5 | --- | --- | --- | --- |
| MW-7 | 05/02/07 | <50 | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.64 | 0.83 | --- | --- | --- | --- |
| MW-7 | 11/13/07 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.57 | 0.83 | --- | --- | --- | --- |
| MW-7 | 04/17/08 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | --- | --- | --- | --- |
| MW-7 | 10/17/08 | <50 | 190 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 0.94 | --- | --- | --- | --- |
| MW-7 | 04/20/09 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | 0.6 | <10 | 2.9 | <1 | <1 |
| MW-7 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | 0.56 | <10 | 2 | <1 | <1 |
| MW-7 | 05/26/10 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.87 | <0.50 | <10 | 5.5 | <1 | <1 |
| MW-7 | 10/07/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 0.64 | 260 | 9.3 | <1 | <1 |
| MW-7 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | 98 | 6 | <1 | <1 |
| MW-7 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.99 | <0.50 | 25 | 1.5 | <1 | <1 |
| MW-7 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.82 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/14/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.78 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.77 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.61 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.94 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-7 | 10/29/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-7 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-7 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-7 | 11/02/21 | <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 | --- | --- | --- | --- | --- | 4400 | <30 | <30 | <80 | <30 | 26000 | --- | --- | --- | --- |
| MW-8 | 07/17/97 | <100 | --- | 520 | --- | --- | <10 | <10 | <10 | <20 | <10 | 11000 | --- | --- | --- | --- |
| MW-8 | 01/02/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | 14 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-8 | 05/20/98 | 400 | --- | --- | --- | --- | <2.5 | <2.5 | <2.5 | <5 | <2.5 | 554 | --- | --- | --- | --- |
| MW-8 | 11/17/98 | <300 | <100 | --- | --- | --- | 2.4 | 6 | 0.8 | 4.6 | <0.50 | 55.6 | --- | --- | --- | --- |
| MW-8 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 52 | --- | --- | --- | --- |
| MW-8 | 11/18/99 | <416 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.2 | --- | --- | --- | --- |
| MW-8 | 05/17/00 | <300 | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3 | --- | --- | --- | --- |
| MW-8 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 15 | --- | --- | --- | --- |
| MW-8 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 380 | --- | --- | --- | --- |
| MW-8 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 430 | --- | --- | --- | --- |
| MW-8 | 09/19/01 | 790 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1000 | --- | --- | --- | --- |
| MW-8 | 01/30/02 | 1700 | <100 | --- | --- | --- | <10 | <10 | <10 | <10 | <10 | 1900 | --- | --- | --- | --- |
| MW-8 | 04/10/02 | 1500 | <100 | --- | --- | --- | 11 | <10 | <10 | <10 | <10 | 2200 | --- | --- | --- | --- |
| MW-8 | 10/22/02 | <300 | <100 | --- | --- | --- | 150 | <10 | 11.5 | <10 | <10 | 750 | --- | --- | --- | --- |
| MW-8 | 01/29/03 | <300 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <1 | 190 | --- | --- | --- | --- |
| MW-8 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 28 | --- | --- | --- | --- |
| MW-8 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 13 | --- | --- | --- | --- |
| MW-8 | 10/06/03 | 79 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.7 | --- | --- | --- | --- |
| MW-8 | 01/28/04 | 100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4 | --- | --- | --- | --- |
| MW-8 | 04/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.61 | --- | --- | --- | --- |
| MW-8 | 07/19/04 | 80 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.95 | --- | --- | --- | --- |
| MW-8 | 11/02/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-8 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | --- | --- | --- | --- |
| MW-8 | 05/04/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | --- | --- | --- | --- |
| MW-8 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.4 | --- | --- | --- | --- |
| MW-8 | 11/01/05 | 110 | 270 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 4.2 | <0.50 | 0.6 | --- | --- | --- | --- |
| MW-8 | 02/27/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.65 | --- | --- | --- | --- |
| MW-8 | 05/02/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 1.1 | --- | --- | --- | --- |
| MW-8 | 09/19/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 1.6 | --- | --- | --- | --- |
| MW-8 | 12/06/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.61 | --- | --- | --- | --- |
| MW-8 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-8 | 05/04/07 | <200 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| MW-8 | 08/29/07 | <200 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| MW-8 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 1.9 | --- | --- | --- | --- |
| MW-8 | 02/07/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| MW-8 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | --- | --- | --- | --- |
| MW-8 | 10/14/08 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.59 | --- | --- | --- | --- |
| MW-8 | 04/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 2000 | <1 | <1 | <1 |
| MW-8 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.69 | 570 | <1 | <1 | <1 |
| MW-8 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.62 | <10 | <1 | <1 | <1 |
| MW-8 | 10/07/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.53 | <1600 | <1 | <1 | <1 |
| MW-8 | 04/13/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1100 | <1 | <1 | <1 |
| MW-8 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 970 | <1 | <1 | <1 |
| MW-8 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 71 | <1 | <1 | <1 |
| MW-8 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 220 | <1 | <1 | <1 |
| MW-8 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-8 | 10/30/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | <10 | <1 | <1 | <1 |
| MW-8 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | <10 | <1 | <1 | <1 |
| MW-8 | 10/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | <10 | <1 | <1 | <1 |
| MW-8 | 04/14/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.85 | <10 | <1 | <1 | <1 |
| MW-8 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 11/08/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-8 | 10/31/19 | 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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-8 | 11/04/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-8 | 05/04/21 | <50 | --- | 59 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-8 | 11/02/21 | <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 | --- | --- | --- | --- | --- | 18 | <0.50 | 69 | 1.6 | <0.50 | <5 | --- | --- | --- | --- |
| MW-9 | 07/17/97 | 1400 | --- | 2900 | --- | --- | 40 | <1 | 140 | 21.5 | <1 | <10 | --- | --- | --- | --- |
| MW-9 | 01/08/98 | 1100 | --- | 570 | --- | --- | 19 | 0.74 | 55 | 2.4 | <0.50 | <5 | --- | --- | --- | --- |
| MW-9 | 05/26/98 | 4700 | --- | --- | --- | --- | 69 | <0.30 | 51 | 97.2 | <2.5 | 10 | --- | --- | --- | --- |
| MW-9 | 11/18/99 | 1800 | 4500 | --- | --- | --- | 24 | <0.50 | 2.7 | 2 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-9 | 05/19/00 | 1300 | 3900 | --- | --- | --- | 12 | <0.50 | 0.8 | 0.5 | <0.50 | 1.8 | --- | --- | --- | --- |
| MW-9 | 11/05/04 | 2500 | 21000 | --- | --- | --- | 27 | <0.50 | 0.84 | 0.52 | <1 | 52 | --- | --- | --- | --- |
| MW-9 | 05/06/05 | 780 | 3300 | --- | --- | --- | 2.3 | <1 | 25 | <1 | <2 | 110 | --- | --- | --- | --- |
| MW-9 | 11/01/05 | 1700 | 5400 | --- | --- | --- | 9.3 | <1 | 4.7 | 5.3 | <2 | 120 | --- | --- | --- | --- |
| MW-9 | 05/04/06 | 1000 | 10000 | --- | --- | --- | 13 | <0.50 | 2.2 | 1.4 | <1 | 140 | --- | --- | --- | --- |
| MW-9 | 12/08/06 | 1400 | 14000 | --- | --- | --- | 16 | <0.50 | <0.50 | <0.50 | <0.50 | 160 | --- | --- | --- | --- |
| MW-9 | 05/04/07 | 1700 | 610000 | --- | --- | --- | 9.2 | <0.50 | 0.5 | <0.50 | <1 | 130 | --- | --- | --- | --- |
| MW-9 | 04/18/08 | 2500 | 11000 | --- | --- | --- | 51 | <1 | 1.7 | 1.9 | <2 | 16 | --- | --- | --- | --- |
| MW-9 | 10/14/08 | 1600 | 4700 | --- | --- | --- | 27 | <1 | <1 | <1 | <2 | 26 | --- | --- | --- | --- |
| MW-9 | 04/23/09 | 1600 | 11000 | --- | --- | --- | 33 | <2.5 | <2.5 | <2.5 | <5 | 6.2 | 130 | <5 | <5 | <5 |
| MW-9 | 05/27/10 | 1600 | 11000 | --- | --- | --- | 24 | <5 | <5 | <5 | <10 | <5 | <100 | <10 | <10 | <10 |
| MW-9 | 10/07/10 | 2400 | <12000 | --- | --- | --- | 23 | <2 | <2 | <2 | <4 | 3.3 | 50 | <4 | <4 | <4 |
| MW-9 | 04/14/11 | 1400 | 28000 | --- | --- | --- | 18 | <5 | <5 | <5 | <10 | <5 | <100 | <10 | <10 | <10 |
| MW-9 | 10/12/11 | 1200 | 8700 | --- | --- | --- | 17 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| MW-9 | 04/20/12 | 2200 | --- | 4500 | --- | --- | 20 | <5 | <5 | <5 | <10 | <5 | <100 | <10 | <10 | <10 |
| MW-9 | 10/17/12 | 1200 | --- | 2500 | --- | --- | 9.1 | <2.5 | <2.5 | <2.5 | <5 | 3.7 | <50 | <5 | <5 | <5 |
| MW-9 | 04/11/13 | 870 | --- | 4400 | --- | --- | 4.8 | <2.5 | <2.5 | <2.5 | <5 | 4.5 | <50 | <5 | <5 | <5 |
| MW-9 | 10/10/13 | 1200 | --- | 2100 | --- | --- | 4.2 | <1 | <1 | <1 | <2 | 11 | 45 | <2 | <2 | <2 |
| MW-9 | 04/17/14 | 1100 | --- | 2500 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 13 | 150 | <5 | <5 | <5 |
| MW-9 | 10/30/14 | <500 | --- | 2600 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 6.7 | 51 | <5 | <5 | <5 |
| MW-9 | 04/23/15 | 660 | --- | 2900 | --- | --- | 5 | 3.6 | 2.6 | 24 | <5 | 6.4 | 83 | <5 | <5 | <5 |
| MW-9 | 10/26/15 | 420 | --- | 1600 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 5.8 | 40 | <1 | <1 | <1 |
| MW-9 | 04/14/16 | 260 | --- | 1100 | --- | --- | 1.7 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 30 | <1 | <1 | <1 |
| MW-9 | 10/05/16 | 85 | --- | 280 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | 22 | <1 | <1 | <1 |
| MW-9 | 04/19/17 | 99 | --- | 600 J | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 20 | <1 | <1 | <1 |
| MW-9 | 10/05/17 | <100 | --- | 340 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 2.6 | 22 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-9 | 04/19/18 | 66 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 15 | <1 | <1 | <1 |
| MW-9 | 11/09/18 | <50 | --- | 340 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 14 | <1 | <1 | <1 |
| MW-9 | 04/18/19 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 0.67 | <10 | <1 | <1 | <1 |
| MW-9 | 10/30/19 | <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 | <50 | --- | 320 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.85 | <10 | <1.0 | <1.0 | <1.0 |
| MW-9 | 11/06/20 | <100 | --- | 360 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 0.59 | <10 | <1.0 | <1.0 | <1.0 |
| MW-9 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-9 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-10 | 11/21/96 | <38 | --- | <500 | <500 | --- | <0.50 | <0.50 | 5.1 | 2.3 | <0.50 | --- | --- | --- | --- | --- |
| MW-10 | 07/09/97 | <50 | --- | 170 | <50 | --- | <0.50 | <1 | 2 | <2 | --- | --- | --- | --- | --- | --- |
| MW-10 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-10 | 05/20/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-10 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-10 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-10 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-10 | 05/16/00 | <300 | 120 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-10 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 2.4 | --- | <5 | --- | --- | --- | --- |
| MW-10 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-10 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-10 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-10 | 04/14/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-11 | 12/01/00 | <300 | 290 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-11 | 05/10/01 | <300 | 180 | --- | --- | --- | 1 | <0.30 | 0.61 | <0.60 | --- | 13 | --- | --- | --- | --- |
| MW-11 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-11 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | 19 | --- | --- | --- | --- |
| MW-11 | 04/14/03 | --- | 6120 | --- | --- | --- | 83.6 | 1.54 | 58.8 | 51 | --- | <3 | --- | --- | --- | --- |
| MW-11 | 10/10/03 | --- | 1000 | --- | --- | --- | <0.30 | <0.30 | 0.42 | 0.95 | --- | 12 | --- | --- | --- | --- |
| MW-11 | 04/22/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | 6.4 | --- | --- | --- | --- |
| MW-11 | 11/06/04 | --- | 1300 | --- | --- | --- | 2.3 | <0.30 | 0.64 | 5.9 | --- | 8.1 | --- | --- | --- | --- |
| MW-11 | 05/07/05 | --- | <100 | --- | --- | --- | 0.34 | 0.61 | <0.30 | 0.6 | --- | 13 | --- | --- | --- | --- |
| MW-11 | 11/08/05 | --- | <100 | --- | --- | --- | 0.33 | <0.30 | <0.30 | 0.69 | --- | 37 | --- | --- | --- | --- |
| MW-11 | 05/05/06 | --- | 2300 | --- | --- | --- | 1.6 | 3.4 | 3.4 | 6.9 | --- | 11 | --- | --- | --- | --- |
| MW-11 | 12/08/06 | --- | 740 | --- | --- | --- | 3.1 | <0.50 | <0.50 | <1 | --- | 20 | --- | --- | --- | --- |
| MW-11 | 05/03/07 | --- | 1300 | --- | --- | --- | 4.3 | <0.50 | 0.86 | 1.1 | --- | 43 | --- | --- | --- | --- |
| MW-11 | 11/14/07 | --- | 450 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | 18 | --- | --- | --- | --- |
| MW-11 | 04/18/08 | --- | 1100 | --- | --- | --- | <0.50 | <0.50 | 1 | 1.5 | --- | <5 | --- | --- | --- | --- |
| MW-11 | 10/17/08 | --- | --- | --- | --- | 880 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 12 | <10 | <2 | <2 | <2 |
| MW-11 | 04/24/09 | --- | --- | --- | --- | 520 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 8.7 | <10 | <2 | <2 | <2 |
| MW-11 | 10/22/09 | --- | --- | --- | --- | 670 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.9 | <10 | <2 | <2 | <2 |
| MW-11 | 04/14/10 | --- | --- | --- | --- | 700 | <0.50 | <0.50 | 0.58 | <0.50 | --- | 3.8 | <10 | <2 | <2 | <2 |
| MW-11 | 04/19/12 | 220 | --- | --- | --- | 710 | <0.50 | <0.50 | <0.50 | 0.31 J | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-11 | 07/10/12 | --- | --- | --- | --- | 780 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-12 | 05/22/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.10 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/11/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 05/07/99 | <500 | --- | <500 | --- | --- | 1.2 | 4.8 | <0.50 | 2.1 | <1 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------------|-------------|------------|---------------------|---------------------|------------|------------|--------------|------------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-12 | 05/19/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/07/01 | <300 | <100 | --- | --- | --- | 1.3 | 1.1 | <0.50 | 0.7 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 10/24/02 | <300 | 2800 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 04/22/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/05/04 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 05/03/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 11/14/07 | <50 | 190 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 04/17/08 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 10/21/08 | <50 | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-12 | 04/22/09 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/21/09 | <50 | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/18/12 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/09/13 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 11/06/15 | <50 | --- | 61 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/04/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-12 | 10/29/19 | <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 | <50 | --- | 61 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-12 | 11/05/20 | <50 | --- | 83 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-12 | 05/06/21 | <50 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-12 | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-13 | 11/22/96 | 1100 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | --- | --- | --- | --- | --- |
| MW-13 | 07/09/97 | <50 | --- | <50 | <50 | --- | <0.50 | <1 | <1 | <2 | --- | --- | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------------|---------------|---------------------|---------------------|-------------|------------|--------------|-------------|---------|-----------|-----------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-13 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-13 | 05/20/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-13 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-13 | 05/26/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-13 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-13 | 05/17/00 | <300 | 20000 | --- | --- | --- | <0.30 | 1.2 | <0.30 | 0.91 | --- | --- | --- | --- | --- | --- |
| MW-13 | 11/29/00 | <300 | 410 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 0.89 | --- | <5 | --- | --- | --- | --- |
| MW-13 | 03/30/01 | --- | <50 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-13 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-13 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | 14 | --- | --- | --- | --- |
| MW-13 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-13 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| MW-13 | 04/09/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-13 | 10/08/03 | --- | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-13 | 04/21/04 | --- | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 11/03/04 | --- | 320 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 05/05/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 11/05/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 05/03/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 12/05/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 05/02/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 04/16/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 10/15/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 04/20/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 10/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 04/19/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 10/06/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| MW-13 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 04/09/13 | --- | --- | 140 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 10/08/13 | <100 | --- | 330 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-13 | 04/15/14 | <100 | --- | 97 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 12 | <2 | <2 | <2 |
| MW-13 | 10/28/14 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-13 | 04/28/15 | <100 | --- | <100 | --- | --- | 0.63 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-13 | 10/22/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-13 | 04/12/16 | <100 | --- | <100 | --- | --- | 0.95 | <0.50 | 2 | 6.2 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-13 | 10/04/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-13 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-13 | 10/03/17 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-13 | 04/17/18 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-13 | 11/09/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1J | <10 | <2 | <2J | <2J |
| MW-13 | 04/16/19 | <100 | --- | <100J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-13 | 10/29/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-13 | 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-13 | 10/22/20 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-13 | 05/05/21 | <100 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-13 | 11/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-14 | 11/21/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | 99 | --- | --- | --- | --- |
| MW-14 | 07/09/97 | <50 | --- | 200 | <50 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| MW-14 | 01/06/98 | <500 | --- | <100 | 800 | --- | 107 | <0.50 | 4 | 10 | 2 | 15 | --- | --- | --- | --- |
| MW-14 | 05/20/98 | 400 | --- | --- | --- | --- | 24 | <0.50 | 7 | 14 | <0.50 | 12 | --- | --- | --- | --- |
| MW-14 | 08/26/98 | <300 | 367 | --- | --- | --- | <0.50 | <0.50 | 0.7 | 2.1 | <0.50 | 109 | --- | --- | --- | --- |
| MW-14 | 11/04/98 | <300 | 361 | --- | --- | --- | <0.50 | 2.8 | 4.8 | 24.6 | <0.50 | 48.6 | --- | --- | --- | --- |
| MW-14 | 02/03/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | 86 | --- | --- | --- | --- |
| MW-14 | 05/07/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | 0.53 | <1 | 450 | --- | --- | --- | --- |
| MW-14 | 05/26/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.70 | 1.1 | <0.50 | 230 | --- | --- | --- | --- |
| MW-14 | 08/10/99 | <500 | --- | <1000 | --- | --- | <0.50 | <1 | <1 | <1 | 2.9 | 110 | --- | --- | --- | --- |
| MW-14 | 11/18/99 | <300 | <100 | --- | --- | --- | <2.5 | <5 | <5 | <5 | 12 | 26 | --- | --- | --- | --- |
| MW-14 | 02/29/00 | <300 | 420 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 36 | 15 | --- | --- | --- | --- |
| MW-14 | 05/16/00 | <300 | 370 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 1.4 | 42 | 7.7 | --- | --- | --- | --- |
| MW-14 | 08/29/00 | <300 | 3800 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.6 | 38 | 9.6 | --- | --- | --- | --- |
| MW-14 | 11/29/00 | <300 | 130 | --- | --- | --- | <0.50 | <0.50 | 0.5 | 0.9 | 15 | 18 | --- | --- | --- | --- |
| MW-14 | 02/06/01 | <300 | 230 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.5 | 11 | 13 | --- | --- | --- | --- |
| MW-14 | 05/09/01 | <300 | 310 | --- | --- | --- | <0.50 | <0.50 | 1.8 | 7.4 | 32 | 8.2 | --- | --- | --- | --- |
| MW-14 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 1.1 | 23 | 15 | --- | --- | --- | --- |
| MW-14 | 11/07/01 | <300 | 190 | --- | --- | --- | <0.50 | <0.50 | 0.8 | 2.3 | 29 | 10 | --- | --- | --- | --- |
| MW-14 | 01/30/02 | <300 | 450 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 1.5 | 8.1 | 25 | --- | --- | --- | --- |
| MW-14 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | 2.7 | 6.4 | 4.1 | 24 | --- | --- | --- | --- |
| MW-14 | 07/30/02 | <300 | 500 | --- | --- | --- | <0.50 | <0.50 | 0.98 | 2.4 | 3.9 | 25 | --- | --- | --- | --- |
| MW-14 | 10/23/02 | <300 | 300 | --- | --- | --- | <0.50 | <1 | <1 | <1 | 4.3 | 22 | --- | --- | --- | --- |
| MW-14 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.67 | 5.9 | 17 | --- | --- | --- | --- |
| MW-14 | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.84 | 16.8 | --- | --- | --- | --- |
| MW-14 | 10/10/03 | --- | 580 | --- | --- | --- | <0.50 | <0.50 | 1.2 | 4.03 | 7.4 | 19 | --- | --- | --- | --- |
| MW-14 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.89 | 4.7 | 19 | <10 | <2 | <2 | <2 |
| MW-14 | 07/21/04 | 250 | 290 | --- | --- | --- | <0.50 | <0.50 | 0.61 | 1.4 | --- | 22 | --- | --- | --- | --- |
| MW-14 | 11/04/04 | --- | 610 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.6 | 19 | <10 | <2 | <2 | <2 |
| MW-14 | 03/02/05 | --- | 320 | --- | --- | --- | <0.50 | <1 | <1 | <1 | --- | 14 | --- | --- | --- | --- |
| MW-14 | 05/07/05 | --- | 430 | --- | --- | --- | 1.3 | <0.50 | <0.50 | <0.50 | <0.50 | 9.3 | 22 | <2 | <2 | <2 |
| MW-14 | 11/08/05 | --- | 2200 | --- | --- | --- | 6.5 | <0.50 | 1.3 | 3.6 | 1 | 3.6 | 32 | <2 | <2 | <2 |
| MW-14 | 05/03/06 | --- | 2600 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.78 | 4.2 | 31 | <2 | <2 | <2 |
| MW-14 | 07/28/06 | 290 | 4300 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.83 | 4.2 | 31 | <2 | <2 | <2 |
| MW-14 | 12/06/06 | --- | 1900 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.98 | 3.3 | 20 | <2 | <2 | <2 |
| MW-14 | 03/23/07 | 670 | 3400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.94 | 3.5 | 29 | <2 | <2 | <2 |
| MW-14 | 05/03/07 | --- | 3100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.94 | 3.6 | <10 | <2 | <2 | <2 |
| MW-14 | 08/31/07 | 480 | 2800 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.6 | 27 | <2 | <2 | <2 |
| MW-14 | 11/15/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.97 | 4 | 20 | <2 | <2 | <2 |
| MW-14 | 02/07/08 | 180 | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.86 | 5.2 | 28 | <2 | <2 | <2 |
| MW-14 | 04/17/08 | --- | 1700 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | 4.6 | 32 | <2 | <2 | <2 |
| MW-14 | 10/16/08 | --- | --- | --- | --- | 570 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | 10 | <2 | <2 | <2 |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-15R | 04/19/18 | 66 | --- | 60 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.76 | <10 | <1 | <1 | <1 |
| MW-15R | 11/08/18 | 53 | --- | 52 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-15R | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-15R | 10/30/19 | <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 | 78 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-15R | 11/05/20 | 130 | --- | 220 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-15R | 05/05/21 | <50 | --- | 53 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-15R | 11/02/21 | 63 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-16 | 11/27/96 | 50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | 1.5 | 140 | 71 | --- | --- | --- | --- |
| MW-16 | 07/10/97 | <50 | --- | <50 | <50 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| MW-16 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 05/21/98 | <300 | --- | --- | --- | --- | <0.50 | 0.7 | <0.50 | 0.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 05/27/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 05/09/01 | <300 | 3100 | --- | --- | --- | 2.6 | <0.50 | <0.50 | 0.6 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 11/07/01 | <300 | 2100 | --- | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | <0.50 | 31 | --- | --- | --- | --- |
| MW-16 | 02/01/02 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 220 | --- | --- | --- | --- |
| MW-16 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 260 | --- | --- | --- | --- |
| MW-16 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | 14 | --- | --- | --- | --- |
| MW-16 | 01/29/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 6.8 | --- | --- | --- | --- |
| MW-16 | 04/09/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 16.2 | --- | --- | --- | --- |
| MW-16 | 08/01/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 110 | --- | --- | --- | --- |
| MW-16 | 10/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 100 | --- | --- | --- | --- |
| MW-16 | 01/28/04 | 51 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 89 | --- | --- | --- | --- |
| MW-16 | 04/21/04 | --- | 180 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 83 | 110 | <2 | <2 | <2 |
| MW-16 | 07/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 22 | --- | --- | --- | --- |
| MW-16 | 11/04/04 | --- | 300 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | 120 | <2 | <2 | <2 |
| MW-16 | 02/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 05/06/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 05/04/06 | --- | 180 | --- | --- | --- | 0.87 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 09/19/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-16 | 12/08/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 11/16/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 04/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 10/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 04/16/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 10/07/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| MW-16 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-----------|--------|--------------|---------------------|---------------------|------------|---------|--------------|------------|-------------|------------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-16 | 10/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-16 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-16 | 04/24/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-16 | 10/20/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-16 | 04/12/16 | <100 | --- | <100 | --- | --- | 1.3 | <0.50 | 2.5 | 8.1 | 0.51 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 10/07/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 10/04/17 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 04/18/18 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 11/06/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 04/16/19 | <100 | --- | 240 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-16 | 10/30/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-16 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| MW-16 | 05/03/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-16 | 11/02/21 | <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 | 45 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- | --- |
| MW-17 | 07/09/97 | <50 | --- | <50 | <50 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| MW-17 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 05/20/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 05/26/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | 0.5 | --- | --- | --- | --- |
| MW-17 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| MW-17 | 04/10/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 10/08/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-17 | 04/21/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 11/03/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 05/05/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 11/05/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 05/03/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 12/05/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 05/02/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 04/16/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/15/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 04/20/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------------|------------|---------------|---------------------|---------------------|-------------|-------------|--------------|-------------|-------------|-------------|------------|------------|------|------------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-17 | 04/16/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/06/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| MW-17 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/08/13 | <100 | --- | 110 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 04/16/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-17 | 10/27/14 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-17 | 04/24/15 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-17 | 10/20/15 | 130 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-17 | 04/13/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | 0.67 | 2.4 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 10/04/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | 0.5 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 10/03/17 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 04/17/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 11/06/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 04/16/19 | <100 | --- | 230 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-17 | 10/30/19 | <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-17 | 10/20/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| MW-17 | 05/05/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-17 | 11/02/21 | <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 | <100 | --- | <500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-18 (MID) | 01/05/98 | 420 | --- | <500 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-18 (MID) | 10/08/03 | 530 | 240 | --- | --- | --- | 1.2 | <1 | <1 | <1 | 16 | 640 | --- | --- | --- | --- |
| MW-18 (MID) | 10/07/10 | 1100 | <1000 | --- | --- | --- | 290 | <1.5 | <1.5 | <1.5 | <3 | 12 | 150 | 11 | <3 | <3 |
| MW-18 (MID) | 04/13/11 | 4100 | 910 | --- | --- | --- | 1900 | <10 | <10 | 11 | <20 | 13 | <200 | 21 | <20 | <20 |
| MW-18 (MID) | 10/12/11 | 1200 | 720 | --- | --- | --- | 460 | <2.5 | <2.5 | 3.2 | <5 | 4.6 | 82 | 9.3 | <5 | <5 |
| MW-18 (MID) | 04/20/12 | <200 | --- | 330 | --- | --- | <1 | <1 | <1 | <1 | <2 | 2.4 | 21 | 4.2 | <2 | <2 |
| MW-18 (MID) | 10/18/12 | 96 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 49 | 3.6 | <1 | <1 |
| MW-18 (MID) | 10/31/14 | <200 | --- | 130 | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | 87 | 5.1 | <2 | <2 |
| MW-18 (MID) | 04/22/15 | <50 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | 59 | 3.7 | <1 | <1 |
| MW-18 (MID) | 10/27/15 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <10 | 3.1 | <1 | <1 |
| MW-18 (MID) | 03/15/16 | 390 | --- | 390 | --- | --- | 120 | 1.3 | <0.50 | 0.91 | <0.50 | 5 | 28 | 5.9 | <1 | <1 |
| MW-18 (MID) | 04/13/16 | 390 | --- | 440 | --- | --- | 65 | 1.4 | <0.50 | 2 | <1 | 4.7 | 74 | 1.5 | <1 | <1 |
| MW-18 (MID) | 08/23/16 | 150 | --- | 330 | --- | --- | 12 | 0.28 | 0.17 | 1.7 | 0.23 | 7.7 | 46 | 4.4 | <1 | 0.2 |
| MW-18 (MID) | 10/06/16 | 200 | --- | 490 | --- | --- | 6.1 | <0.50 | <0.50 | 1.5 | <1 | 2.7 | 55 | 1.3 | <1 | <1 |
| MW-18 (MID) | 04/20/17 | <100 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 1.3 | 32 | 1.6 | <1 | <1 |
| MW-18 (MID) | 10/05/17 | <50 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.94 | 13 | 1.7 | <1 | <1 |
| MW-18 (MID) | 04/19/18 | <50 | --- | 98 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <10 | 1.3 | <1 | <1 |
| MW-18 (MID) | 11/09/18 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <10 | <1 | <1 | <1 |
| MW-18 (MID) | 04/18/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <1 | <1 | <1 |
| MW-18 (MID) | 10/31/19 | <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 | <50 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | 18 | 1.2 | <1.0 | <1.0 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-18 (MID) | 11/06/20 | <50 | --- | 260 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | 19 | 1.0 | <1.0 | <1.0 |
| MW-18 (MID) | 05/06/21 | <50 | --- | 280 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | 16 | <1.0 | <1.0 | <1.0 |
| MW-18 (MID) | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <10 | <1.0 | <1.0 | <1.0 |
| MW-19 (MID) | 11/26/96 | --- | --- | --- | --- | --- | 48 | <0.50 | 17 | 1.76 | 7.7 | 600 | --- | --- | --- | --- |
| MW-19 (MID) | 07/16/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 9.1 | 810 | --- | --- | --- | --- |
| MW-19 (MID) | 01/05/98 | <100 | --- | <500 | --- | --- | <5 | <50 | <5 | <15 | <5 | 1400 | --- | --- | --- | --- |
| MW-19 (MID) | 05/27/98 | 500 | --- | --- | --- | --- | <5 | <0.50 | <5 | <10 | 14 | 590 | --- | --- | --- | --- |
| MW-19 (MID) | 08/26/98 | 514 | 233 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | 11.1 | 779 | --- | --- | --- | --- |
| MW-19 (MID) | 11/17/98 | 491 | <100 | --- | --- | --- | <5 | <5 | <5 | <5 | 11 | 850 | --- | --- | --- | --- |
| MW-19 (MID) | 02/03/99 | <10000 | --- | <500 | --- | --- | <10 | <10 | <10 | <20 | <20 | 1300 | --- | --- | --- | --- |
| MW-19 (MID) | 05/06/99 | 540 | --- | <500 | --- | --- | 42 | <1 | <1 | <1 | <2.5 | 1500 | --- | --- | --- | --- |
| MW-19 (MID) | 08/10/99 | 600 | --- | <1000 | --- | --- | <0.50 | <1 | <1 | <1 | 6.8 | 980 | --- | --- | --- | --- |
| MW-19 (MID) | 11/17/99 | 1100 | 310 | --- | --- | --- | 26 | <5 | <5 | <5 | <5 | 1100 | --- | --- | --- | --- |
| MW-19 (MID) | 02/29/00 | 2000 | 1800 | --- | --- | --- | 530 | <5 | <5 | <5 | <5 | 1100 | --- | --- | --- | --- |
| MW-19 (MID) | 05/17/00 | 5200 | 5100 | --- | --- | --- | 1900 | <25 | <25 | <25 | <25 | 2600 | --- | --- | --- | --- |
| MW-19 (MID) | 08/29/00 | 2700 | 19000 | --- | --- | --- | 560 | <10 | <10 | <10 | <10 | 3200 | --- | --- | --- | --- |
| MW-19 (MID) | 11/30/00 | 2100 | 1200 | --- | --- | --- | 520 | 3.6 | 0.9 | 6.1 | <0.50 | 1200 | --- | --- | --- | --- |
| MW-19 (MID) | 02/06/01 | 780 | 410 | --- | --- | --- | 66 | <10 | <10 | <10 | <10 | 720 | --- | --- | --- | --- |
| MW-19 (MID) | 05/09/01 | 360 | 230 | --- | --- | --- | 4.4 | <2.5 | <2.5 | <2.5 | 6.5 | 490 | --- | --- | --- | --- |
| MW-19 (MID) | 09/19/01 | <300 | <100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | 8.2 | 200 | --- | --- | --- | --- |
| MW-19 (MID) | 11/06/01 | <300 | 120 | --- | --- | --- | <1 | <1 | <1 | <1 | 6.5 | 180 | --- | --- | --- | --- |
| MW-19 (MID) | 01/30/02 | <300 | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.1 | 33 | --- | --- | --- | --- |
| MW-19 (MID) | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.3 | 11 | --- | --- | --- | --- |
| MW-19 (MID) | 10/23/02 | <300 | 330 | --- | --- | --- | 1.1 | <0.50 | <0.50 | <0.50 | 3.5 | 7.4 | --- | --- | --- | --- |
| MW-19 (MID) | 04/10/03 | 92 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 4.3 | --- | --- | --- | --- |
| MW-19 (MID) | 10/07/03 | 84 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | 1 | --- | --- | --- | --- |
| MW-19 (MID) | 04/21/04 | 99 | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | <0.50 | --- | --- | --- | --- |
| MW-19 (MID) | 11/03/04 | <100 | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2 | 0.81 | --- | --- | --- | --- |
| MW-19 (MID) | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-19 (MID) | 11/03/05 | 68 | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.2 | 1.2 | --- | --- | --- | --- |
| MW-19 (MID) | 05/03/06 | 76 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 2.2 | --- | --- | --- | --- |
| MW-19 (MID) | 12/06/06 | <50 | 260 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | --- | --- | --- | --- |
| MW-19 (MID) | 05/02/07 | 61 | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | 1.1 | --- | --- | --- | --- |
| MW-19 (MID) | 11/13/07 | 57 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | 0.86 | --- | --- | --- | --- |
| MW-19 (MID) | 04/17/08 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3 | 1.2 | --- | --- | --- | --- |
| MW-19 (MID) | 10/17/08 | <50 | 190 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | 1.3 | --- | --- | --- | --- |
| MW-19 (MID) | 04/20/09 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.8 | 0.81 | 66 | 9.8 | <1 | <1 |
| MW-19 (MID) | 10/21/09 | <50 | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5 | 0.79 | 130 | 16 | <1 | <1 |
| MW-19 (MID) | 05/26/10 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | <0.50 | <10 | 12 | <1 | <1 |
| MW-19 (MID) | 10/06/10 | 62 | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.5 | 0.91 | 130 | 19 | <1 | <1 |
| MW-19 (MID) | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | 0.81 | 67 | 14 | <1 | <1 |
| MW-19 (MID) | 10/11/11 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | 0.67 | 110 | 11 | <1 | <1 |
| MW-19 (MID) | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.7 | 1 | 290 | 22 | <1 | <1 |
| MW-19 (MID) | 10/17/12 | <50 | --- | 77 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.3 | 1.1 | 360 | 28 | <1 | <1 |
| MW-19 (MID) | 04/11/13 | 55 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.2 | 2 | 330 | 31 | <1 | <1 |
| MW-19 (MID) | 10/10/13 | 54 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.4 | 2 | 350 | 25 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-19 (MID) | 04/17/14 | 74 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.1 | 2 | 440 | 25 | <1 | <1 |
| MW-19 (MID) | 10/30/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.5 | 0.74 | 87 | 9.2 | <1 | <1 |
| MW-19 (MID) | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | 1.1 | 130 | 13 | <1 | <1 |
| MW-19 (MID) | 10/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | <0.50 | 36 | 6.2 | <1 | <1 |
| MW-19 (MID) | 04/13/16 | <50 | --- | 54 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.8 | 1 | 420 | 23 | <1 | <1 |
| MW-19 (MID) | 10/05/16 | 54 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.8 | 0.68 | 220 | 19 | <1 | <1 |
| MW-19 (MID) | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | <0.50 | 88 | 11 | <1 | <1 |
| MW-19 (MID) | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | <0.50 | 22 | 4.2 | <1 | <1 |
| MW-19 (MID) | 04/18/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2 | <0.50 | 31 | 5.6 | <1 | <1 |
| MW-19 (MID) | 11/07/18 | <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 | <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 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <0.50 | 17 | 2.5 | <1.0 | <1.0 |
| MW-19 (MID) | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | <10 | 1.8 | <1.0 | <1.0 |
| MW-19 (MID) | 05/06/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | 12 | 2.1 | <1.0 | <1.0 |
| MW-19 (MID) | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | <10 | 1.7 | <1.0 | <1.0 |
| MW-20 (MID) | 11/22/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | 1.5 | 66 | 36 | --- | --- | --- | --- |
| MW-20 (MID) | 07/11/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 33 | 13 | --- | --- | --- | --- |
| MW-20 (MID) | 01/05/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 17 | 9.2 | --- | --- | --- | --- |
| MW-20 (MID) | 05/27/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 35 | 22 | --- | --- | --- | --- |
| MW-20 (MID) | 11/16/98 | <300 | <100 | --- | --- | --- | 14 | 41 | 4.8 | 29.8 | 31 | 33 | --- | --- | --- | --- |
| MW-20 (MID) | 05/07/99 | <500 | --- | <500 | --- | --- | 5.6 | 22 | 1.7 | 9.8 | 22 | 13 | --- | --- | --- | --- |
| MW-20 (MID) | 11/16/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 19 | --- | --- | --- | --- |
| MW-20 (MID) | 05/19/00 | <300 | 220 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 22 | 11 | --- | --- | --- | --- |
| MW-20 (MID) | 11/28/00 | <300 | 340 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 8.1 | --- | --- | --- | --- |
| MW-20 (MID) | 05/09/01 | <300 | 180 | --- | --- | --- | <50 | <50 | <50 | <50 | 2200 | 1300 | --- | --- | --- | --- |
| MW-20 (MID) | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 11 | --- | --- | --- | --- |
| MW-20 (MID) | 11/07/01 | <300 | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 14 | --- | --- | --- | --- |
| MW-20 (MID) | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 12 | --- | --- | --- | --- |
| MW-20 (MID) | 10/24/02 | <300 | 220 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 20 | 20 | --- | --- | --- | --- |
| MW-20 (MID) | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 11 | --- | --- | --- | --- |
| MW-20 (MID) | 10/08/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 29 | 19 | --- | --- | --- | --- |
| MW-20 (MID) | 04/21/04 | 56 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 27 | 18 | --- | --- | --- | --- |
| MW-20 (MID) | 11/05/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 15 | --- | --- | --- | --- |
| MW-20 (MID) | 05/05/05 | 97 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 33 | 57 | --- | --- | --- | --- |
| MW-20 (MID) | 11/03/05 | 58 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 25 | 46 | --- | --- | --- | --- |
| MW-20 (MID) | 05/03/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 32 | --- | --- | --- | --- |
| MW-20 (MID) | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 25 | --- | --- | --- | --- |
| MW-20 (MID) | 05/05/07 | 59 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 20 | 25 | --- | --- | --- | --- |
| MW-20 (MID) | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 20 | 23 | --- | --- | --- | --- |
| MW-20 (MID) | 04/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 15 | 21 | --- | --- | --- | --- |
| MW-20 (MID) | 10/17/08 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 18 | --- | --- | --- | --- |
| MW-20 (MID) | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 16 | 28 | 11 | <1 | <1 |
| MW-20 (MID) | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 18 | 32 | 14 | <1 | <1 |
| MW-20 (MID) | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 18 | 16 | <10 | 12 | <1 | <1 |
| MW-20 (MID) | 10/06/10 | 51 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 15 | 19 | 40 | 13 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-20 (MID) | 04/12/11 | 51 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 18 | <10 | 17 | <1 | <1 |
| MW-20 (MID) | 10/11/11 | <50 | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 17 | 38 | 11 | <1 | <1 |
| MW-20 (MID) | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 15 | 12 | 26 | 9.9 | <1 | <1 |
| MW-20 (MID) | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.8 | 7.6 | 12 | 6.8 | <1 | <1 |
| MW-20 (MID) | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 9.8 | <10 | 6.7 | <1 | <1 |
| MW-20 (MID) | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 14 | 29 | 11 | <1 | <1 |
| MW-20 (MID) | 04/16/14 | 55 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 9.6 | 22 | 7.4 | <1 | <1 |
| MW-20 (MID) | 10/30/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 10 | 8.7 | 18 | 6.6 | <1 | <1 |
| MW-20 (MID) | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.2 | 11 | 19 | 8.2 | <1 | <1 |
| MW-20 (MID) | 10/23/15 | <50 | --- | 91 | --- | --- | <0.50 | 0.5 | <0.50 | 0.7 | 0.65 | 4.7 | <10 | 3.2 | <1 | <1 |
| MW-20 (MID) | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 10 | 8.9 | 25 | 6.3 | <1 | <1 |
| MW-20 (MID) | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 7.1 | 22 | 7.2 | <1 | <1 |
| MW-20 (MID) | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9 | 8.1 | 21 | 6 | <1 | <1 |
| MW-20 (MID) | 10/03/17 | <50 | --- | <100X | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.6 | 6.8 | 16 | 5.1 | <1 | <1 |
| MW-20 (MID) | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.9 | 6.1 | <10 | 4.9 | <1 | <1 |
| MW-20 (MID) | 11/07/18 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 12 | 16 | 34 | 8 | <1 | <1 |
| MW-20 (MID) | 10/29/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 12 | 15 | 28 | 8.0 | <1.0 | <1.0 |
| MW-20 (MID) | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 5.5 | <10 | 1.8 | <1.0 | <1.0 |
| MW-20 (MID) | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.0 | 5.7 | <10 | 1.7 | <1.0 | <1.0 |
| MW-20 (MID) | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.6 | 9.6 | 21 | 5.7 | <1.0 | <1.0 |
| MW-21 (MID) | 05/07/99 | <500 | --- | 590 | --- | --- | <1 | <1 | <1 | <1 | 75 | 39 | --- | --- | --- | --- |
| MW-21 (MID) | 11/29/00 | <300 | 4600 | --- | --- | --- | 3.6 | <0.50 | <0.50 | <0.50 | 16 | 62 | --- | --- | --- | --- |
| MW-21 (MID) | 05/09/01 | <300 | 1900 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.8 | 50 | --- | --- | --- | --- |
| MW-21 (MID) | 11/06/01 | <300 | 1400 | --- | --- | --- | 0.5 | <0.50 | <0.50 | <0.50 | 12 | 69 | --- | --- | --- | --- |
| MW-21 (MID) | 04/10/02 | <300 | 1100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.6 | 71 | --- | --- | --- | --- |
| MW-21 (MID) | 10/23/02 | <300 | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.4 | 61 | --- | --- | --- | --- |
| MW-21 (MID) | 10/07/03 | 87 | 290 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.6 | 55 | --- | --- | --- | --- |
| MW-21 (MID) | 05/06/05 | 62 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | 25 | --- | --- | --- | --- |
| MW-21 (MID) | 05/03/06 | <50 | <140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 13 | --- | --- | --- | --- |
| MW-21 (MID) | 05/02/07 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.73 | 3.3 | --- | --- | --- | --- |
| MW-21 (MID) | 04/17/08 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | 6.4 | --- | --- | --- | --- |
| MW-21 (MID) | 04/20/09 | <100 | 530 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | 1.9 | 25 | 2.3 | <1 | <1 |
| MW-21 (MID) | 05/26/10 | <100 | 420 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | 1.5 | <10 | 3.2 | <1 | <1 |
| MW-21 (MID) | 04/12/11 | 72 | 350 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.8 | 2.4 | 32 | 3 | <1 | <1 |
| MW-21 (MID) | 04/18/12 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | <0.50 | 17 | <1 | <1 | <1 |
| MW-21 (MID) | 04/10/13 | <200 | --- | 61 | --- | --- | <1 | <1 | <1 | <1 | 2.4 | <1 | 22 | 3.3 | <2 | <2 |
| MW-21 (MID) | 10/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | 0.81 | 35 | 3 | <1 | <1 |
| MW-21 (MID) | 04/16/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.2 | 0.51 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 10/30/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.6 | 0.69 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 04/22/15 | <50 | --- | 56 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | 0.68 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 10/23/15 | 57 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | 1.1 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 04/13/16 | <50 | --- | 87 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.5 | 0.79 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 10/05/16 | 57 | --- | 82 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | 1.2 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 04/19/17 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | 1 | 12 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-21 (MID) | 10/03/17 | <50 | --- | 67 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.1 | 1.4 | 10 | <1 | <1 | <1 |
| MW-21 (MID) | 04/18/18 | 68 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.4 | 1.3 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 11/07/18 | <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 | <50 | --- | 56 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3 | 1.5 | <10 | <1 | <1 | <1 |
| MW-21 (MID) | 10/30/19 | <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 | <50 | --- | 59 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.93 | 0.80 | <10 | <1.0 | <1.0 | <1.0 |
| MW-21 (MID) | 11/03/20 | <50 | --- | 90 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | 0.68 | <10 | <1.0 | <1.0 | <1.0 |
| MW-21 (MID) | 05/05/21 | <50 | --- | 99 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 0.97 | <10 | <1.0 | <1.0 | <1.0 |
| MW-21 (MID) | 11/02/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | 1.2 | <10 | <1.0 | <1.0 | <1.0 |
| MW-22 (MID) | 11/21/96 | 46 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | 4.7 | <5 | --- | --- | --- | --- |
| MW-22 (MID) | 07/10/97 | <50 | --- | 650 | <400 | --- | <5 | <5 | <5 | <5 | 15 | <5 | --- | --- | --- | --- |
| MW-22 (MID) | 01/06/98 | --- | --- | 400 | <100 | --- | <5 | <5 | <5 | <1 | <5 | <5 | --- | --- | --- | --- |
| MW-22 (MID) | 05/21/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 0.9 | <0.50 | --- | --- | --- | --- |
| MW-22 (MID) | 08/26/98 | <300 | 545 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | <0.50 | --- | --- | --- | --- |
| MW-22 (MID) | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | <0.50 | --- | --- | --- | --- |
| MW-22 (MID) | 02/02/99 | <500 | --- | <500 | --- | --- | 1.1 | 2.1 | 0.56 | 2.1 | 3.2 | 0.69 | --- | --- | --- | --- |
| MW-22 (MID) | 05/07/99 | --- | --- | <500 | --- | --- | 8 | 3.4 | 1.7 | 7.5 | <1 | 6.9 | --- | --- | --- | --- |
| MW-22 (MID) | 05/26/99 | <300 | 322 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | 4.7 | --- | --- | --- | --- |
| MW-22 (MID) | 08/10/99 | <500 | --- | <1000 | --- | --- | 3.1 | 6.2 | <1 | 4.9 | 8.9 | <1 | --- | --- | --- | --- |
| MW-22 (MID) | 11/18/99 | <300 | 260 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | 19 | 0.8 | --- | --- | --- | --- |
| MW-22 (MID) | 02/29/00 | <300 | 470 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 29 | 3.3 | --- | --- | --- | --- |
| MW-22 (MID) | 05/16/00 | <300 | 380 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 2.4 | --- | --- | --- | --- |
| MW-22 (MID) | 08/29/00 | <300 | 4400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 45 | 14 | --- | --- | --- | --- |
| MW-22 (MID) | 11/28/00 | <300 | 1100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 88 | 13 | --- | --- | --- | --- |
| MW-22 (MID) | 11/29/00 | <300 | 870 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 88 | 13 | --- | --- | --- | --- |
| MW-22 (MID) | 02/06/01 | <300 | 460 | --- | --- | --- | <1 | <1 | <1 | <1 | 120 | 14 | --- | --- | --- | --- |
| MW-22 (MID) | 05/09/01 | <300 | 360 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 110 | 12 | --- | --- | --- | --- |
| MW-22 (MID) | 05/09/01 | <300 | 230 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 83 | 11 | --- | --- | --- | --- |
| MW-22 (MID) | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 30 | 4.5 | --- | --- | --- | --- |
| MW-22 (MID) | 11/07/01 | <300 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 36 | 6.5 | --- | --- | --- | --- |
| MW-22 (MID) | 01/30/02 | <300 | 430 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 30 | 19 | --- | --- | --- | --- |
| MW-22 (MID) | 04/12/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 22 | 11 | --- | --- | --- | --- |
| MW-22 (MID) | 07/30/02 | <300 | 210 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 24 | 8.7 | --- | --- | --- | --- |
| MW-22 (MID) | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | 18 | 5.4 | --- | --- | --- | --- |
| MW-22 (MID) | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 18 | 4.8 | --- | --- | --- | --- |
| MW-22 (MID) | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.12 | 2.38 | --- | --- | --- | --- |
| MW-22 (MID) | 10/11/03 | --- | 380 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 12 | 2.8 | --- | --- | --- | --- |
| MW-22 (MID) | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 19 | 4.8 | 21 | 3.2 | <2 | <2 |
| MW-22 (MID) | 07/21/04 | 180 | 280 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | --- | 11 | --- | --- | --- | --- |
| MW-22 (MID) | 11/04/04 | --- | 240 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 31 | 11 | 17 | 2.8 | <2 | <2 |
| MW-22 (MID) | 03/02/05 | --- | 180 | --- | --- | --- | <0.50 | <1 | <1 | <1 | --- | 15 | --- | --- | --- | --- |
| MW-22 (MID) | 05/07/05 | --- | 290 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 30 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | 30 | 13 | <2 | <2 | <2 |
| MW-22 (MID) | 05/05/06 | --- | 500 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.1 | 14 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 12/05/06 | --- | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.3 | 16 | 13 | <2 | <2 | <2 |
| MW-22 (MID) | 05/02/07 | --- | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | 14 | 17 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|--------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-22 (MID) | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 10 | 15 | 19 | 2.1 | <2 | <2 |
| MW-22 (MID) | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.3 | 11 | 18 | <2 | <2 | <2 |
| MW-22 (MID) | 10/16/08 | --- | --- | --- | --- | 110 | <0.50 | <0.50 | <0.50 | <0.50 | 9.7 | 16 | 16 | 2.1 | <2 | <2 |
| MW-22 (MID) | 02/12/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 15 | 18 | 22 | 3.1 | <2 | <2 |
| MW-22 (MID) | 04/22/09 | --- | --- | --- | --- | 110 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 23 | 22 | <2 | <2 | <2 |
| MW-22 (MID) | 07/20/09 | --- | --- | --- | --- | 150 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 19 | 34 | 2.9 | <2 | <2 |
| MW-22 (MID) | 10/23/09 | --- | --- | --- | --- | 130 | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 16 | 27 | <2 | <2 | <2 |
| MW-22 (MID) | 01/13/10 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 9.7 | 13 | 24 | 2.1 | <2 | <2 |
| MW-22 (MID) | 04/13/10 | --- | --- | --- | --- | 220 | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 8.7 | 23 | 1.8 J | <2 | <2 |
| MW-22 (MID) | 10/04/10 | --- | --- | --- | --- | 140 | <0.50 | --- | --- | --- | 10 | 13 | <10 | --- | --- | --- |
| MW-22 (MID) | 01/10/11 | --- | --- | --- | --- | 120 | <0.50 | <0.50 | <0.50 | <0.50 | 4.8 | 6.2 | 10 | 0.82 J | <2 | <2 |
| MW-22 (MID) | 04/14/11 | --- | --- | --- | --- | 120 | <0.50 | <0.50 | <0.50 | <0.50 | 6.5 | 10 | <10 | 0.76 J | <2 | <2 |
| MW-22 (MID) | 07/11/11 | --- | --- | --- | --- | 100 | <0.50 | <0.50 | <0.50 | <0.50 | 5.5 | 7.8 | 13 | 0.48 J | <2 | <2 |
| MW-22 (MID) | 10/13/11 | --- | --- | --- | --- | 120 | 0.39 J | 0.38 J | <0.50 | <0.50 | 4.6 | 6.3 | 7.2 J | 0.37 J | <2 | <2 |
| MW-22 (MID) | 01/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | 6.6 | 12 | 0.45 J | <2 | <2 |
| MW-22 (MID) | 04/18/12 | --- | --- | --- | --- | 120 | <0.50 | <0.50 | <0.50 | <0.50 | 7.1 | 10 | 21 | 0.69 J | <2 | <2 |
| MW-22 (MID) | 07/09/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | 5.8 | <10 | 0.43 J | <2 | <2 |
| MW-22 (MID) | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 6.4 | 12 | <10 | 0.85 J | <2 | <2 |
| MW-22 (MID) | 01/14/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | 5.3 | <10 | 0.42 J | <2 | <2 |
| MW-22 (MID) | 04/10/13 | --- | --- | 250 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7 | 11 | 14 | 1.1 J | <2 | <2 |
| MW-22 (MID) | 10/07/13 | <100 | --- | 240 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.7 | 4.6 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 04/16/14 | <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 | <100 | --- | 210 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 8.8 | 9.1 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 04/24/15 | <100 | --- | 240 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 10 | 8.9 | 19 | 2.6 | <2 | <2 |
| MW-22 (MID) | 10/23/15 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 8.7 | 6.5 | 18 | 2.7 | <2 | <2 |
| MW-22 (MID) | 04/13/16 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | 0.87 | 2.7 | 6.8 | 5 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 10/05/16 | <100 | --- | 170 | --- | --- | 1.5 | <0.50 | <0.50 | <1 | 7.1 | 4.4 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 04/19/17 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 2.9 | 2.1 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 10/05/17 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 04/19/18 | <100 | --- | 340 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 4.9 | 4.8 J | 20 J | <2 | <2 | <2 |
| MW-22 (MID) | 11/08/18 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 1.6 | 2 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 04/17/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.8 | <10 | <2 | <2 | <2 |
| MW-22 (MID) | 11/05/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | 1.7 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-22 (MID) | 10/22/20 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 2.4 | <10 | <2.0 | <2.0 | <2.0 |
| MW-22 (MID) | 05/06/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | 1.7 | 1.6 | <10 | <2.0 | <2.0 | <2.0 |
| MW-22 (MID) | 11/03/21 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | 1.3 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-23 (MID) | 11/21/96 | 1400 | --- | <500 | <500 | --- | 62 | <0.50 | 18 | 3.5 | 0.6 | --- | --- | --- | --- | --- |
| MW-23 (MID) | 07/09/97 | --- | --- | --- | --- | --- | 160 | <1 | 21 | 26 | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 07/09/97 | 140 | --- | 970 | <860 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 01/06/98 | --- | --- | <100 | <100 | --- | <0.30 | --- | <0.30 | --- | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 05/20/98 | <300 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 11/04/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 05/27/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 11/18/99 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-23 (MID) | 05/16/00 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|-------------|-------------|---------------------|---------------------|------------|-------------|---------------|---------------|---------|-------------|--------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-23 (MID) | 11/29/00 | <300 | 2200 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 05/10/01 | <300 | 1600 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 11/07/01 | <300 | 600 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 04/10/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 10/23/02 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 04/10/03 | --- | <100 | --- | --- | --- | <1 | <1 | <1 | <2 | <3 | <3 | --- | --- | --- | --- |
| MW-23 (MID) | 10/08/03 | --- | 160 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 04/22/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 11/04/04 | --- | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.30 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 05/10/05 | --- | 650 | --- | --- | --- | 0.4 | 0.79 | 0.41 | <0.30 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 05/03/06 | --- | 6000 | --- | --- | --- | <0.30 | <0.30 | <0.30 | 0.32 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 12/06/06 | --- | 240 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 05/02/07 | --- | 340 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 04/16/08 | --- | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| MW-23 (MID) | 10/15/08 | --- | --- | --- | --- | 150 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-23 (MID) | 04/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | --- | --- | --- | --- |
| MW-23 (MID) | 10/23/09 | --- | --- | --- | --- | 150 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-23 (MID) | 04/13/10 | --- | --- | --- | --- | 1000 | <0.50 | <0.50 | <0.50 | <0.50 | --- | <0.50 | 4.8 J | <2 | <2 | <2 |
| MW-23 (MID) | 10/04/10 | --- | --- | --- | --- | 1400 | <0.50 | --- | --- | --- | <0.50 | 0.73 | <10 | --- | --- | --- |
| MW-23 (MID) | 04/14/11 | --- | --- | --- | --- | 1800 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.9 | <10 | <2 | <2 | <2 |
| MW-23 (MID) | 10/13/11 | --- | --- | --- | --- | 1900 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | 14 | <2 | <2 | <2 |
| MW-23 (MID) | 04/19/12 | --- | --- | --- | --- | 1400 | <0.50 | <0.50 | <0.50 | 0.32 J | <0.50 | 9.9 | 19 | <2 | <2 | <2 |
| MW-23 (MID) | 10/19/12 | --- | --- | --- | --- | 3600 | <0.50 | <0.50 | 0.25 J | 0.43 | <0.50 | 4.3 | <10 | <2 | <2 | <2 |
| MW-23 (MID) | 04/11/13 | --- | --- | 4800 | --- | --- | <0.50 | <0.50 | <0.50 | 0.85 J | <0.50 | 2.9 | 13 | <2 | <2 | <2 |
| MW-24 | 11/21/96 | 92 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | --- | --- | --- | --- | --- |
| MW-24 | 07/09/97 | 100 | --- | 1400 | <1000 | --- | 11 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| MW-24 | 01/06/98 | 700 | --- | <100 | <100 | --- | 93 | <0.50 | 4 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 05/20/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 11/04/98 | <300 | 129 | --- | --- | --- | 11 | 2.7 | 2.1 | 18 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 05/26/99 | <300 | 142 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 04/10/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| MW-24 | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 10/08/03 | --- | 140 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-24 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 11/04/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 05/07/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 05/03/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 12/06/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|---------------|---------------------|---------------------|------------|------------|--------------|------------|-------------|-------------|--------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-24 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 04/21/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 10/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 04/13/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 10/04/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | 0.51 | <10 | --- | --- | --- |
| MW-24 | 04/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 10/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-24 | 04/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | 6.3 J | <2 | <2 | <2 |
| MW-24 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <10 | <2 | <2 | <2 |
| MW-24 | 04/09/13 | --- | --- | 150 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.87 | <10 | <2 | <2 | <2 |
| MW-24 | 10/08/13 | <100 | --- | 230 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <10 | <2 | <2 | <2 |
| MW-24 | 04/16/14 | <100 | --- | 110 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.87 | <10 | <2 | <2 | <2 |
| MW-24 | 10/28/14 | <100 | --- | 240 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-24 | 04/24/15 | <100 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-24 | 10/22/15 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-24 | 04/13/16 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | 1.2 | 3.9 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-24 | 04/18/17 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-24 | 10/02/17 | <100 | --- | 210 | --- | --- | 1 | <0.50 | 4.7 | 1.7 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-24 | 10/25/17 | --- | --- | 410 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1 | <10 | <2 | <2 | <2 |
| MW-24 | 04/19/18 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.2 | <10 | <2 | <2 | <2 |
| MW-24 | 11/08/18 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-24 | 04/17/19 | <100 | --- | 520 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2 | <10 | <2 | <2 | <2 |
| MW-24 | 11/05/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-24 | 05/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-24 | 11/02/21 | <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 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | 17 | <5 | --- | --- | --- | --- |
| MW-25 | 07/09/97 | <50 | --- | 660 | <400 | --- | <5 | <5 | <5 | <5 | 17 | <5 | --- | --- | --- | --- |
| MW-25 | 01/06/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | 15 | <0.50 | --- | --- | --- | --- |
| MW-25 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | 8.6 | <0.50 | --- | --- | --- | --- |
| MW-25 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 11 | <0.50 | --- | --- | --- | --- |
| MW-25 | 05/06/99 | <500 | --- | <500 | --- | --- | 1.9 | 1.2 | 0.68 | 3.3 | 14 | 1.3 | --- | --- | --- | --- |
| MW-25 | 05/26/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 10 | <0.50 | --- | --- | --- | --- |
| MW-25 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | 27 | 0.7 | --- | --- | --- | --- |
| MW-25 | 05/16/00 | <300 | 320 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 50 | 4.7 | --- | --- | --- | --- |
| MW-25 | 11/28/00 | <300 | 320 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 62 | 11 | --- | --- | --- | --- |
| MW-25 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | 0.6 | <0.50 | 0.8 | 73 | 14 | --- | --- | --- | --- |
| MW-25 | 05/09/01 | <300 | 240 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 45 | 7.1 | --- | --- | --- | --- |
| MW-25 | 05/09/01 | <300 | 150 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 36 | 6.2 | --- | --- | --- | --- |
| MW-25 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 39 | 9.3 | --- | --- | --- | --- |
| MW-25 | 04/12/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 9.4 | --- | --- | --- | --- |
| MW-25 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | 15 | 5.1 | --- | --- | --- | --- |
| MW-25 | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 30.6 | 8.61 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-----|--------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-25 | 10/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 3.4 | --- | --- | --- | --- |
| MW-25 | 04/22/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 13 | 3.5 | <10 | 2.4 | <2 | <2 |
| MW-25 | 11/04/04 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 17 | 3.4 | <10 | 2.9 | <2 | <2 |
| MW-25 | 05/07/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | 5 | <10 | <2 | <2 | <2 |
| MW-25 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.95 | 1.9 | <10 | <2 | <2 | <2 |
| MW-25 | 05/05/06 | --- | 390 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.3 | 10 | <10 | <2 | <2 | <2 |
| MW-25 | 12/05/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3 | 3.5 | <10 | <2 | <2 | <2 |
| MW-25 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | 2.3 | <10 | <2 | <2 | <2 |
| MW-25 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | 1.3 | <10 | <2 | <2 | <2 |
| MW-25 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.5 | 4.3 | <10 | <2 | <2 | <2 |
| MW-25 | 10/16/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 8.9 | 6.1 | <10 | 2.3 | <2 | <2 |
| MW-25 | 04/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 8.3 | 2.9 | <10 | <2 | <2 | <2 |
| MW-25 | 10/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 4.1 | 0.83 | <10 | <2 | <2 | <2 |
| MW-25 | 04/13/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 10 | 2.7 | <10 | 2.5 | <2 | <2 |
| MW-25 | 10/04/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | 2 | 0.35 J | <10 | --- | --- | --- |
| MW-25 | 04/12/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 7.1 | 1.4 | <10 | 0.71 J | <2 | <2 |
| MW-25 | 10/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | 0.31 J | <10 | <2 | <2 | <2 |
| MW-25 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | <10 | <2 | <2 | <2 |
| MW-25 | 10/16/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | 0.67 | <10 | <2 | <2 | <2 |
| MW-25 | 04/09/13 | --- | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.6 | 0.49 J | <10 | <2 | <2 | <2 |
| MW-25 | 11/07/19 | <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 | 6700 | --- | <500 | <500 | --- | 460 | 400 | 200 | 340 | 0.7 | --- | --- | --- | --- | --- |
| MW-26 | 07/10/97 | <50 | --- | 270 | <200 | --- | <5 | <5 | <5 | <5 | <5 | 340 | --- | --- | --- | --- |
| MW-26 | 01/06/98 | <500 | --- | <100 | <100 | --- | <2.5 | <2.5 | <2.5 | <5 | <2.5 | 407 | --- | --- | --- | --- |
| MW-26 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-26 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | 1.3 | <0.50 | 1.1 | <0.50 | 146 | --- | --- | --- | --- |
| MW-26 | 05/26/99 | 8260 | 8790 | --- | --- | --- | 3000 | 170 | 400 | 1000 | <0.50 | 380 | --- | --- | --- | --- |
| MW-26 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | 3.4 | --- | --- | --- | --- |
| MW-26 | 05/16/00 | 8400 | 7000 | --- | --- | --- | 2300 | <5 | 410 | 1480 | <5 | 76 | --- | --- | --- | --- |
| MW-26 | 11/29/00 | 1800 | 1000 | --- | --- | --- | 440 | 15 | 69 | 240 | <10 | 69 | --- | --- | --- | --- |
| MW-26 | 05/10/01 | <300 | <100 | --- | --- | --- | 2.1 | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | --- | --- | --- | --- |
| MW-26 | 11/07/01 | 1700 | 3700 | --- | --- | --- | 370 | 79 | 37 | 171 | <0.50 | 35 | --- | --- | --- | --- |
| MW-26 | 04/11/02 | 4000 | 5300 | --- | --- | --- | 1200 | <5 | 230 | 528 | <5 | 65 | --- | --- | --- | --- |
| MW-26 | 10/24/02 | 2100 | 5800 | --- | --- | --- | 970 | <5 | <5 | 262 | <2.5 | 74 | --- | --- | --- | --- |
| MW-26 | 04/11/03 | --- | 1390 | --- | --- | --- | 858 | <0.50 | 243 | 78.6 | <0.50 | 108 | --- | --- | --- | --- |
| MW-26 | 10/11/03 | --- | 900 | --- | --- | --- | 4.6 | <0.50 | 5.7 | 0.54 | <0.50 | 29 | --- | --- | --- | --- |
| MW-26 | 04/22/04 | --- | 570 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 140 | 18 | <2 | <2 | <2 |
| MW-26 | 11/04/04 | --- | 260 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 110 | 23 | <2 | <2 | <2 |
| MW-26 | 05/07/05 | --- | 170 | --- | --- | --- | <0.50 | <0.50 | 3.1 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-26 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-26 | 05/05/06 | --- | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-26 | 12/06/06 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.9 | <10 | <2 | <2 | <2 |
| MW-26 | 05/03/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2 | <10 | <2 | <2 | <2 |
| MW-26 | 11/14/07 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | <10 | <2 | <2 | <2 |
| MW-26 | 04/17/08 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.99 | <10 | <2 | <2 | <2 |
| MW-26 | 10/16/08 | --- | --- | --- | --- | 150 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5 | <10 | <2 | <2 | <2 |

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| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-26 | 04/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-26 | 10/23/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2 | <10 | <2 | <2 | <2 |
| MW-26 | 04/13/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.66 | <10 | <2 | <2 | <2 |
| MW-26 | 10/04/10 | --- | --- | --- | --- | <100 | 1.6 | --- | --- | --- | <0.50 | 0.68 | <10 | --- | --- | --- |
| MW-26 | 04/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | <10 | <2 | <2 | <2 |
| MW-26 | 10/13/11 | --- | --- | --- | --- | <100 | 1.4 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-26 | 04/17/12 | --- | --- | --- | --- | 770 | 1.1 | <0.50 | 0.32 J | 0.57 J | <0.50 | 3.7 | 9.7 J | <2 | <2 | <2 |
| MW-26 | 10/16/12 | --- | --- | --- | --- | 1400 | 3.9 | 0.5 | 2.2 | 0.69 | <0.50 | 1.4 | 5.6 J | <2 | <2 | <2 |
| MW-26 | 04/09/13 | --- | --- | 990 b | --- | --- | 2 | 0.36 J | 1.5 | 0.36 J | <0.50 | 0.74 | <10 | <2 | <2 | <2 |
| MW-26 | 10/08/13 | 610 | --- | 730 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 | 1200 HD | --- | 990 HD | --- | --- | 1.7 | 0.47 J | 1.1 | 0.84 | <0.50 | <0.50 | 14 | <2 | <2 | <2 |
| MW-26 | 10/30/14 | 1400 | --- | 670 | --- | --- | <0.50 | <0.50 | 0.54 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-26 | 04/29/15 | 430 | --- | 500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-26 | 10/23/15 | 280 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-26 | 04/13/16 | 200 | --- | 200 | --- | --- | 0.8 | <0.50 | 1.6 | 4.9 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-26 | 10/05/16 | 170 | --- | 270 | --- | --- | 2.2 | <0.50 | <0.50 | <1 | <0.50 | 1 | <10 | <2 | <2 | <2 |
| MW-26 | 04/19/17 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-26 | 10/04/17 | 210 | --- | 370 | --- | --- | 1 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-26 | 04/19/18 | 130 | --- | 340 | --- | --- | 2.3 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-26 | 11/08/18 | <100 | --- | 240 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-26 | 04/17/19 | <100 | --- | 330 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-26 | 11/05/19 | <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-26 | 10/19/20 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-26 | 05/04/21 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-26 | 11/03/21 | <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 | <50 | --- | <500 | <500 | --- | 180 | 12 | 25 | 50 | <0.50 | --- | --- | --- | --- | --- |
| MW-27 | 07/10/97 | 420 | --- | 400 | <400 | --- | 1400 | 28 | 53 | 253 | <5 | 79 | --- | --- | --- | --- |
| MW-27 | 01/06/98 | 1500 | --- | <100 | 100 | --- | 940 | <5 | 70 | 20 | 20 | 90 | --- | --- | --- | --- |
| MW-27 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-27 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-27 | 05/26/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | 0.71 | 1.33 | <0.50 | 1.1 | --- | --- | --- | --- |
| MW-27 | 11/18/99 | 7200 | 6400 | --- | --- | --- | 1700 | 8.6 | 100 | 1110 | <0.50 | 170 | --- | --- | --- | --- |
| MW-27 | 05/16/00 | <300 | <100 | --- | --- | --- | 1.7 | <0.50 | <0.50 | <0.50 | <0.50 | 5 | --- | --- | --- | --- |
| MW-27 | 11/29/00 | <300 | <100 | --- | --- | --- | 0.9 | 0.7 | 0.7 | 1 | 0.6 | 17 | --- | --- | --- | --- |
| MW-27 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-27 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-27 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.9 | --- | --- | --- | --- |
| MW-27 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | 9.7 | --- | --- | --- | --- |
| MW-27 | 04/11/03 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | 2.76 | <0.50 | <0.50 | 16.7 | --- | --- | --- | --- |
| MW-27 | 10/11/03 | --- | 150 | --- | --- | --- | 6.2 | <0.50 | 0.79 | <0.50 | <0.50 | 8.9 | --- | --- | --- | --- |
| MW-27 | 04/22/04 | --- | 1600 | --- | --- | --- | 130 | <0.50 | 16 | <0.50 | <0.50 | 65 | 20 | <2 | <2 | <2 |
| MW-27 | 11/06/04 | --- | 540 | --- | --- | --- | 1.6 | <0.50 | 17 | <0.50 | <0.50 | 65 | 21 | <2 | <2 | <2 |
| MW-27 | 05/07/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 11/08/05 | --- | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.59 | <10 | <2 | <2 | <2 |
| MW-27 | 05/05/06 | --- | 280 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-27 | 12/06/06 | --- | 180 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | <10 | <2 | <2 | <2 |
| MW-27 | 05/03/07 | --- | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | <2 | <2 | <2 |
| MW-27 | 11/14/07 | --- | <100 | --- | --- | --- | 1.3 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 04/18/08 | --- | <100 | --- | --- | --- | 2.9 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 10/17/08 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 04/22/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 10/26/09 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | <10 | <2 | <2 | <2 |
| MW-27 | 04/13/10 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.5 J | <2 | <2 | <2 |
| MW-27 | 10/04/10 | --- | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| MW-27 | 04/12/11 | --- | --- | --- | --- | 430 | <0.50 | <0.50 | 0.35 J | 3.2 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 10/13/11 | --- | --- | --- | --- | 180 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 04/17/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-27 | 10/16/12 | --- | --- | --- | --- | 170 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 5 | 12 | <2 | <2 | <2 |
| MW-27 | 04/09/13 | --- | --- | 310 b | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.8 | 23 | <2 | <2 | <2 |
| MW-27 | 10/08/13 | <100 | --- | 130 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | 5.7 J | <2 | <2 | <2 |
| MW-27 | 10/29/14 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-27 | 04/22/15 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.4 | <10 | <2 | <2 | <2 |
| MW-27 | 10/23/15 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.7 | <10 | <2 | <2 | <2 |
| MW-27 | 04/13/16 | <100 | --- | 160 | --- | --- | 1.2 | <0.50 | 1.7 | 5.5 | <0.50 | 3.3 | <10 | <2 | <2 | <2 |
| MW-27 | 10/05/16 | <100 | --- | 220 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.1 | <10 | <2 | <2 | <2 |
| MW-27 | 04/19/17 | <100 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-27 | 10/04/17 | <100 | --- | 260 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.1 | <10 | <2 | <2 | <2 |
| MW-27 | 04/19/18 | <100 | --- | 350 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 3.1 | 14 | <2 | <2 | <2 |
| MW-27 | 11/08/18 | <100 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 2.5 | <10 | <2 | <2 | <2 |
| MW-27 | 04/17/19 | <100 | --- | 300 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-27 | 11/05/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 1.3 | <10 | <2.0 | <2.0 | <2.0 |
| MW-27 | 10/22/20 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 1.7 | 26 | <2.0 | <2.0 | <2.0 |
| MW-27 | 05/07/21 | <100 | --- | 260 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-27 | 11/08/21 | <100 | --- | 400 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-28 | 11/27/96 | 1500 | --- | <500 | <500 | --- | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- | --- |
| MW-28 | 07/10/97 | 220 | --- | 2200 | <1900 | --- | <5 | <5 | <5 | <5 | <5 | <5 | --- | --- | --- | --- |
| MW-28 | 01/07/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-28 | 05/21/98 | <300 | --- | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-28 | 11/05/98 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-28 | 05/26/99 | <300 | <100 | --- | --- | --- | 0.33 | <0.30 | <0.30 | 0.7 | --- | --- | --- | --- | --- | --- |
| MW-28 | 11/18/99 | <300 | 330 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-28 | 05/17/00 | <300 | 250 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | --- | --- | --- | --- | --- |
| MW-28 | 12/01/00 | <300 | 470 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-28 | 05/10/01 | <300 | 3000 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-28 | 11/08/01 | 300 | 160 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-28 | 04/12/02 | <300 | 170 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-28 | 04/22/15 | <100 | --- | 420 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-28 | 04/20/17 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 05/21/98 | 84700 | --- | --- | --- | --- | 313 | 45.7 | 314 | 366 | --- | --- | --- | --- | --- | --- |
| MW-29 | 11/05/98 | 28600 | 19600 | --- | --- | --- | 87 | <0.30 | 2.2 | 31 | --- | --- | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-29 | 05/27/99 | 1810 | 2540 | --- | --- | --- | 150 | <0.60 | 160 | 23 | --- | --- | --- | --- | --- | --- |
| MW-29 | 11/18/99 | 5100 | 17000 | --- | --- | --- | 220 | <0.30 | 190 | 21 | --- | --- | --- | --- | --- | --- |
| MW-29 | 05/17/00 | 1100 | 3400 | --- | --- | --- | 23 | <0.30 | 35 | 7.6 | --- | --- | --- | --- | --- | --- |
| MW-29 | 11/30/00 | 2400 | 14000 | --- | --- | --- | 120 | <0.30 | 160 | 4.4 | --- | <5 | --- | --- | --- | --- |
| MW-29 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.30 | <0.30 | <0.30 | <0.60 | --- | <5 | --- | --- | --- | --- |
| MW-29 | 11/07/01 | 1500 | 1500 | --- | --- | --- | 14 | <0.30 | 3.7 | 2.1 | --- | 8.3 | --- | --- | --- | --- |
| MW-29 | 02/01/02 | --- | --- | --- | --- | --- | 100 | 7.3 | 160 | 990 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-29 | 04/11/02 | 860 | 5600 | --- | --- | --- | 4.1 | <0.30 | 4.3 | 12 | --- | <5 | --- | --- | --- | --- |
| MW-29 | 04/12/13 | --- | --- | 2200 | --- | --- | <0.50 | <0.50 | 0.64 | 1.19 J | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| MW-29 | 10/08/13 | 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 | 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 | 700 | --- | 3200 | --- | --- | 6.4 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-29 | 04/29/15 | 370 | --- | 2900 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | 11 | <2 | <2 | <2 |
| MW-29 | 10/26/15 | 120 | --- | 490 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| MW-29 | 04/14/16 | <100 | --- | 350 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 10/07/16 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 04/20/17 | <100 | --- | 380 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 10/04/17 | <100 | --- | 630 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 04/18/18 | <100 | --- | 170 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 11/06/18 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 04/19/19 | <100 | --- | 140 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| MW-29 | 10/31/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-29 | 10/20/20 | <100J | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| MW-29 | 05/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| MW-29 | 11/02/21 | <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 | 32000 | <30000 | --- | --- | --- | 3700 | 1700 | 1100 | 1800 | <50 | 60 | <500 | <50 | <50 | <50 |
| MW-O-1 | 04/13/11 | 14000 | 40000 | --- | --- | --- | 1900 | 370 | 400 | 2400 | <20 | 13 | <200 | <20 | <20 | <20 |
| MW-O-1 | 10/14/11 | 15000 | 22000 | --- | --- | --- | 580 | 240 | 580 | 1800 | <20 | <10 | <200 | <20 | <20 | 26 |
| MW-O-1 | 10/19/12 | 4500 | --- | 8800 | --- | --- | 570 | 160 | 94 | 540 | <4 | 17 | 59 | <4 | <4 | <4 |
| MW-O-1 | 10/27/15 | 26000 | --- | 20000 | --- | --- | 5900 | 3100 | 110 | 810 | <100 | 280 | <1000 | <100 | <100 | <100 |
| MW-O-1 | 08/20/20 | <50 | --- | 2600 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | <10 | <1.0 | <1.0 | <1.0 |
| MW-O-1 | 02/25/21 | <50 | --- | 2600 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 8.8 J | 130 J | <1.0 | <1.0 | <1.0 |
| MW-O-2 | 10/05/10 | 570 | <540 | --- | --- | --- | 87 | 5.6 | 7.2 | 33 | <1 | 81 | 33 | 3.3 | <1 | <1 |
| MW-O-2 | 04/27/12 | 21000 | --- | 13000 | --- | --- | 7900 | 120 | 200 | 570 | <100 | 160 | <1000 | <100 | <100 | <100 |
| MW-O-2 | 06/06/13 | 10000 | --- | 7000 | --- | --- | 5400 | <40 | 91 | 200 | <80 | 190 | <800 | <80 | <80 | <80 |
| MW-O-2 | 10/11/13 | 43000 | --- | 4800 | --- | --- | 17000 | 710 | 530 | 1500 | <130 | 710 | <1300 | <130 | <130 | <130 |
| MW-O-2 | 04/17/14 | 37000 | --- | 1200 | --- | --- | 16000 | 1600 | 220 | 1500 | <100 | 900 | 2100 | <100 | <100 | <100 |
| MW-O-2 | 08/23/16 | 73000 | --- | 81000 | --- | --- | 3400 | 510 | 410 | 9700 | 0.46 | 410 | 680 | 30 | <80 | 16 |
| MW-O-2 | 10/06/17 | 23000 | --- | 11000 | --- | --- | 9400 | <50 | 99 | 820 | <100 | 210 | 1500 | 130 | <100 | <100 |
| MW-O-2 | 11/09/18 | <5000 | --- | 2600 | --- | --- | 2100 | <25 | <25 | <25 | <50 | 73 | 910 | 81 | <50 | <50 |
| MW-O-2 | 04/18/19 | 2000 | --- | 11000 | --- | --- | 980 | <5 | <5 | <5 | <10 | 55 | 490 | <10 | <10 | <10 |
| MW-O-2 | 05/07/20 | 9200 | --- | 8300 | --- | --- | 5,500 | <15 | 60 | <15 | <30 | 49 | 970 | <30 | <30 | <30 |
| MW-O-2 | 08/20/20 | 8100 | --- | 15000 | --- | --- | 4400 | <20 | 44 | <20 | <40 | 31 | 530 | <40 | <40 | <40 |
| MW-O-2 | 11/09/20 | 10000 | --- | 13000 | --- | --- | 6200 | <20 | 31 | <20 | <40 | 95 | 1100 | <40 | <40 | <40 |
| MW-O-2 | 02/24/21 | 5300 | --- | 7800 | --- | --- | 1,900 | <10 | 10 | <10 | <20 | 18 | 290 | <20 | <20 | <20 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-O-2 | 05/05/21 | 12000 | --- | 4500 | --- | --- | 4,100 | <20 | 44 | <20 | <40 | 32 | <400 | <40 | <40 | <40 |
| MW-O-2 | 08/31/21 | 520 | --- | 2000 | --- | --- | 86 | 2.0 | 5.4 | 1.5 | <1.0 | 11 | 300 | 17 | <1.0 | <1.0 |
| MW-O-2 | 11/04/21 | 5600 | --- | 1500 | --- | --- | 2,500 | 16 | 47 | 10 | <20 | 58 | 1,500 | <20 | <20 | <20 |
| MW-O-2 | 03/10/22 | 2100 | --- | 5700 | --- | --- | 890 | 6.7 | 38 | 8.2 | <5.0 | 25 | 980 | 13 | <5.0 | <5.0 |
| MW-SF-1 | 03/11/03 | 1700 | 1500 | --- | --- | --- | 1400 | 16 | 76 | 54 | <1 | 620 | --- | --- | --- | --- |
| MW-SF-1 | 08/01/03 | 13000 | 18000 | --- | --- | --- | 4200 | 240 | 420 | 1020 | <30 | 910 | --- | --- | --- | --- |
| MW-SF-1 | 10/07/03 | 15000 | 7300 | --- | --- | --- | 4800 | 170 | 390 | 1060 | <40 | 800 | --- | --- | --- | --- |
| MW-SF-1 | 04/22/04 | 27000 | 11000 | --- | --- | --- | 11000 | 510 | 480 | 970 | <100 | 3800 | --- | --- | --- | --- |
| MW-SF-1 | 11/03/04 | 34000 | 12000 | --- | --- | --- | 13000 | 400 | 690 | 1170 | <100 | 2600 | --- | --- | --- | --- |
| MW-SF-1 | 05/06/05 | 12000 | 8800 | --- | --- | --- | 3900 | 220 | 240 | 340 | <30 | 670 | --- | --- | --- | --- |
| MW-SF-1 | 11/02/05 | 15000 | 9200 | --- | --- | --- | 5600 | 340 | 330 | 1050 | <50 | 570 | --- | --- | --- | --- |
| MW-SF-1 | 05/09/06 | 20000 | 9000 | --- | --- | --- | 8200 | 730 | 570 | 1050 | <100 | 1300 | --- | --- | --- | --- |
| MW-SF-1 | 12/08/06 | 19000 | 20000 | --- | --- | --- | 7000 | 640 | 590 | 960 | <100 | 650 | --- | --- | --- | --- |
| MW-SF-1 | 03/13/07 | 10000 | 2700 | --- | --- | --- | 3400 | 320 | 390 | 790 | <50 | 160 | --- | --- | --- | --- |
| MW-SF-1 | 05/04/07 | 11000 | 4600 | --- | --- | --- | 3400 | 110 | 430 | 229 | <50 | 340 | --- | --- | --- | --- |
| MW-SF-1 | 08/30/07 | 16000 | 9000 | --- | --- | --- | 6000 | 210 | 550 | 290 | <100 | 430 | --- | --- | --- | --- |
| MW-SF-1 | 11/14/07 | 16000 | 6300 | --- | --- | --- | 6100 | 180 | 540 | 213 | <50 | 400 | --- | --- | --- | --- |
| MW-SF-1 | 02/21/08 | 23000 | 5600 | --- | --- | --- | 11000 | 280 | 530 | 500 | <100 | 1100 | --- | --- | --- | --- |
| MW-SF-1 | 04/16/08 | 21000 | 11000 | --- | --- | --- | 11000 | 350 | 440 | 550 | <200 | 740 | --- | --- | --- | --- |
| MW-SF-1 | 08/14/08 | 18000 | 27000 | --- | --- | --- | 8200 | 240 | 390 | 253 | <100 | 490 | --- | --- | --- | --- |
| MW-SF-1 | 10/16/08 | 21000 | 12000 | --- | --- | --- | 10000 | 280 | 490 | 477 | <100 | 770 | --- | --- | --- | --- |
| MW-SF-1 | 02/24/09 | 11000 | 10000 | --- | --- | --- | 6300 | 85 | 160 | 65 | <50 | 420 | <500 | --- | --- | --- |
| MW-SF-1 | 04/20/09 | 16000 | 11000 | --- | --- | --- | 7500 | 210 | 340 | 261 | <100 | 340 | <1000 | <100 | <100 | <100 |
| MW-SF-1 | 07/22/09 | 12000 | 34000 | --- | --- | --- | 6300 | 110 | 180 | 89 | <50 | 510 | 540 | <50 | <50 | <50 |
| MW-SF-1 | 10/23/09 | 21000 | 12000 | --- | --- | --- | 11000 | 110 | 350 | 63 | <100 | 620 | <1000 | <100 | <100 | <100 |
| MW-SF-1 | 03/16/10 | 13000 | 12000 | --- | --- | --- | 5900 | 56 | 120 | 55 | <50 | 650 | <500 | <50 | <50 | <50 |
| MW-SF-1 | 05/27/10 | 8800 | 3500 | --- | --- | --- | 3900 | 46 | 150 | 51 | <40 | 140 | <400 | <40 | <40 | <40 |
| MW-SF-1 | 07/13/10 | 8600 | 11000 | --- | --- | --- | 4000 | 41 | 64 | <25 | <50 | 350 | <500 | <50 | <50 | <50 |
| MW-SF-1 | 10/07/10 | 10000 | <5000 | --- | --- | --- | 5200 | 58 | 67 | <50 | <100 | 440 | <1000 | <100 | <100 | <100 |
| MW-SF-1 | 01/12/11 | 15000 | 15000 | --- | --- | --- | 8500 | <50 | <50 | <50 | <100 | 650 | <1000 | <100 | <100 | <100 |
| MW-SF-1 | 04/13/11 | 16000 | 9400 | --- | --- | --- | 7800 | 62 | 97 | 93 | <100 | 450 | <1000 | <100 | <100 | <100 |
| MW-SF-1 | 07/12/11 | 8400 | 12000 | --- | --- | --- | 4700 | 34 | 76 | <38 | <50 | 240 | <500 | <50 | <50 | <50 |
| MW-SF-1 | 10/12/11 | 9500 | 9800 | --- | --- | --- | 4500 | 32 | 71 | 37 | <50 | 180 | <500 | <50 | <50 | <50 |
| MW-SF-1 | 01/10/12 | 15000 | 13000 | --- | --- | --- | 7300 | 94 | 140 | 140 | <100 | 240 | <1000 | <100 | <100 | <100 |
| MW-SF-1 | 04/19/12 | 8800 | --- | 17000 | --- | --- | 4600 | 33 | 90 | 83 | <50 | 110 | <500 | <50 | <50 | <50 |
| MW-SF-1 | 10/18/12 | 3700 | --- | 6400 | --- | --- | 1500 | <10 | 15 | <10 | <20 | 45 | <200 | <20 | <20 | <20 |
| MW-SF-1 | 01/15/13 | 8500 | --- | 4100 | --- | --- | 4500 | 93 | 56 | 39 | <50 | 110 | <500 | <50 | <50 | <50 |
| MW-SF-1 | 06/30/16 | 260 | --- | 760 | --- | --- | 0.69 | <0.50 | 0.5 | 0.98 | <1 | 1.6 | 19 | <1 | <1 | <1 |
| MW-SF-1 | 08/23/16 | <100 | --- | 920 | --- | --- | 0.89 | 0.31 | 0.32 | 1.6 | 0.02 | 0.76 | 9.9 | 0.21 | <2 | 0.39 |
| MW-SF-1 | 10/07/16 | 55 | --- | 1200 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.57 | <10 | <1 | <1 | <1 |
| MW-SF-1 | 04/20/17 | <100 | --- | 1800 | --- | --- | 2.1 | <0.50 | <0.50 | <0.50 | <1 | 0.92 | 17 | <1 | <1 | <1 |
| MW-SF-1 | 10/06/17 | <100 | --- | 570 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-1 | 04/19/18 | 61 | --- | 310 | --- | --- | <0.50 | <0.50 | <0.50 | 2.4 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-1 | 11/09/18 | <50 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-1 | 04/19/19 | <100 | --- | 450 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-1 | 10/31/19 | <200 | --- | 580 | --- | --- | <1.0 | <1.0 | <1.0 | <1.0 | <2.0 | <1.0 | <20 | <2.0 | <2.0 | <2.0 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|---------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-SF-1 | 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-1 | 11/06/20 | <100 | --- | 580 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-SF-1 | 05/06/21 | <100 | --- | 500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <10 | 2.3 | <1.0 | <1.0 |
| MW-SF-1 | 11/04/21 | <50 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.75 | <10 | 11 | <1.0 | <1.0 |
| MW-SF-2 | 10/05/10 | 110000 | <180000 | --- | --- | --- | 21000 | 18000 | 1200 | 7100 | <200 | 1700 | <2000 | <200 | <200 | <200 |
| MW-SF-2 | 04/14/11 | 48000 | 26000 | --- | --- | --- | 15000 | 1800 | 600 | 5400 | <200 | 930 | <2000 | <200 | <200 | <200 |
| MW-SF-2 | 10/13/11 | 72000 | 18000 | --- | --- | --- | 18000 | 9600 | 660 | 5100 | <200 | 940 | <2000 | <200 | <200 | <200 |
| MW-SF-3 | 10/04/10 | <500 | <3700 | --- | --- | --- | 32 | 10 | <2.5 | 8.4 | <5 | 50 | 3000 | <5 | <5 | <5 |
| MW-SF-3 | 04/29/11 | 15000 | 52000 | --- | --- | --- | 5200 | 590 | 140 | 520 | <50 | 2300 | 1200 | <50 | <50 | <50 |
| MW-SF-3 | 10/14/11 | 9500 | 3400 | --- | --- | --- | 4300 | <25 | 28 | 38 | <50 | 98 | <500 | <50 | <50 | <50 |
| MW-SF-3 | 11/03/15 | 280000 | --- | 240000 | --- | --- | 11000 | 18000 | 1200 | 28000 | <200 | 7600 | <2000 | <200 | <200 | <200 |
| MW-SF-4 | 03/11/03 | 3600 | 2500 | --- | --- | --- | 1100 | <13 | 180 | 120 | <13 | 750 | --- | --- | --- | --- |
| MW-SF-4 | 10/08/03 | 40000 | 86000 | --- | --- | --- | 4600 | 1900 | 990 | 5200 | <40 | 530 | --- | --- | --- | --- |
| MW-SF-4 | 02/21/08 | 25000 | 9900 | --- | --- | --- | 4100 | 89 | 1200 | 2730 | <40 | 330 | --- | --- | --- | --- |
| MW-SF-4 | 04/16/08 | 21000 | 11000 | --- | --- | --- | 4600 | 94 | 970 | 2920 | <100 | 380 | --- | --- | --- | --- |
| MW-SF-4 | 08/14/08 | 20000 | 54000 | --- | --- | --- | 4200 | 43 | 1100 | 770 | <50 | 260 | --- | --- | --- | --- |
| MW-SF-4 | 10/16/08 | 17000 | 12000 | --- | --- | --- | 3700 | 42 | 1100 | 1196 | <40 | 170 | --- | --- | --- | --- |
| MW-SF-4 | 02/23/09 | 20000 | 32000 | --- | --- | --- | 6400 | 92 | 1000 | 1420 | <50 | 950 | <500 | --- | --- | --- |
| MW-SF-4 | 05/28/10 | 17000 | 8800 | --- | --- | --- | 7200 | 39 | 370 | 250 | <50 | 440 | <500 | 120 | <50 | <50 |
| MW-SF-4 | 07/14/10 | 13000 | 9500 | --- | --- | --- | 4400 | 37 | 450 | 360 | <50 | 320 | <500 | 64 | <50 | <50 |
| MW-SF-4 | 10/07/10 | 30000 | <31000 | --- | --- | --- | 8900 | <50 | 940 | 770 | <100 | 620 | <1000 | <100 | <100 | <100 |
| MW-SF-4 | 01/12/11 | 20000 | 18000 | --- | --- | --- | 8500 | <50 | 350 | 280 | <100 | 350 | <1000 | 100 | <100 | <100 |
| MW-SF-4 | 04/13/11 | 11000 | 28000 | --- | --- | --- | 2600 | <15 | 320 | 297 | <30 | 180 | <300 | <30 | <30 | <30 |
| MW-SF-4 | 07/12/11 | 15000 | 10000 | --- | --- | --- | 4500 | 36 | 530 | 540 | <50 | 220 | <500 | <50 | <50 | <50 |
| MW-SF-4 | 01/10/12 | 22000 | 54000 | --- | --- | --- | 4900 | <25 | 590 | 770 | <50 | 160 | <500 | <50 | <50 | <50 |
| MW-SF-4 | 04/20/12 | 19000 | --- | 7200 | --- | --- | 4500 | 36 | 480 | 430 | <50 | 460 | <500 | <50 | <50 | <50 |
| MW-SF-4 | 10/19/12 | 8900 | --- | 9900 | --- | --- | 2200 | 40 | 280 | 420 | <20 | 160 | 410 | <20 | <20 | <20 |
| MW-SF-4 | 01/15/13 | 13000 | --- | 3700 | --- | --- | 5000 | 46 | 660 | 300 | <80 | 380 | <800 | <80 | <80 | <80 |
| MW-SF-4 | 06/30/16 | 540 | --- | 20000 | --- | --- | 2.3 | <0.50 | 0.75 | 20 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-4 | 08/23/16 | <100 | --- | 5000 | --- | --- | 0.57 | 0.13 | 0.27 | 2.2 | <1 | 0.28 | 6.5 | 0.08 | 0.41 | <2 |
| MW-SF-4 | 10/07/16 | <500 | --- | 4700 | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| MW-SF-4 | 04/20/17 | <100 | --- | 1400 J | --- | --- | 3.4 | <0.50 | 0.53 | 1.2 | <1 | 1.2 | <10 | 5.6 | <1 | <1 |
| MW-SF-4 | 10/06/17 | <200 | --- | 3300 | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| MW-SF-4 | 04/20/18 | <50 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-4 | 04/19/19 | <50 | --- | 1800 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-4 | 10/31/19 | <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 | <50 | --- | 260 | --- | --- | 1.6 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-SF-4 | 11/06/20 | <50 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 33 | 8.9 | <1.0 | <1.0 |
| MW-SF-4 | 05/06/21 | <50 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | 11 | <1.0 | <1.0 |
| MW-SF-5 | 10/08/10 | 540 | <2700 | --- | --- | --- | 110 | 1.1 | <1 | <1 | <2 | 400 | 180 | 18 | <2 | <2 |
| MW-SF-5 | 04/13/11 | 570 | 2900 | --- | --- | --- | 41 | <2 | <2 | <2 | <4 | 380 | 270 | 24 | <4 | <4 |
| MW-SF-5 | 10/13/11 | <500 | 2900 | --- | --- | --- | 6.9 | <2.5 | <2.5 | <2.5 | <5 | 240 | 100 | 11 | <5 | <5 |
| MW-SF-5 | 10/31/14 | <200 | --- | 1800 | --- | --- | 3.4 | 7 | 1 | 14 | <2 | 17 | 70 | <2 | <2 | <2 |
| MW-SF-5 | 04/24/15 | <500 | --- | 1200 | --- | --- | 190 | <2.5 | <2.5 | <2.5 | <5 | 16 | <50 | <5 | <5 | <5 |
| MW-SF-5 | 10/27/15 | 270 | --- | 370 | --- | --- | 13 | 0.52 | <0.50 | 0.89 | <0.50 | 10 | 35 | 2 | <1 | <1 |
| MW-SF-6 | 10/08/10 | 59000 | 9200 | --- | --- | --- | 15000 | 7200 | 940 | 4300 | <200 | 740 | <2000 | <200 | <200 | <200 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|---------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-SF-6 | 04/14/11 | 32000 | 12000 | --- | --- | --- | 12000 | 330 | 540 | 3800 | <100 | 810 | <1000 | <100 | <100 | <100 |
| MW-SF-6 | 10/13/11 | 40000 | 11000 | --- | --- | --- | 14000 | 420 | 780 | 3600 | <200 | 570 | <2000 | <200 | <200 | <200 |
| MW-SF-6 | 08/23/16 | 13000 | --- | 2700 | --- | --- | 2400 | <10 | 66 | 1300 | <20 | 58 | 510 | <20 | <20 | <20 |
| MW-SF-6 | 10/07/16 | 8400 | --- | 10000 | --- | --- | 430 | <5 | 35 | 640 | <10 | 53 | 390 | <10 | <10 | <10 |
| MW-SF-6 | 04/20/17 | 2000 | --- | 3900 | --- | --- | 42 | <1 | 5.8 | 37 | <2 | 21 | 130 | 22 | <2 | <2 |
| MW-SF-6 | 10/06/17 | 1300 | --- | 71000 | --- | --- | 98 | <1 | 32 | 53 | <2 | 3.1 | 32 | 4.2 | <2 | <2 |
| MW-SF-6 | 04/20/18 | <200 | --- | 5200 | --- | --- | 5.5 | <1 | 1.8 | 1.5 | <2 | 3.6 | 110 | 5.6 | <2 | <2 |
| MW-SF-6 | 11/09/18 | <200 | --- | 8200 | --- | --- | 12 | <1 | 3.1 | 4.1 | <2 | 4.2 | 37 | 5.2 | <2 | <2 |
| MW-SF-6 | 04/19/19 | 200 | --- | 6300 | --- | --- | 12 | <1 | 6.2 | 6.4 | <2 | 2.8 | 66 | 13 | <2 | <2 |
| MW-SF-6 | 10/31/19 | <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 | <200 | --- | 3100 | --- | --- | 2.8 | <1.0 | <1.0 | <1.0 | <2.0 | 3.2 | 180 | 20 | <2.0 | <2.0 |
| MW-SF-6 | 11/09/20 | <200 | --- | 110000 | --- | --- | 5.3 | <1.0 | <1.0 | <1.0 | <2.0 | 2.7 | 130 | 28 | <2.0 | <2.0 |
| MW-SF-6 | 05/06/21 | <200 | --- | 61000 | --- | --- | 5.7 | <1.0 | 1.5 | 1.8 | <2.0 | <1.0 | <20 | 16 | <2.0 | <2.0 |
| MW-SF-6 | 11/04/21 | 120 | --- | 9000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.6 | <10 | 15 | <1.0 | <1.0 |
| MW-SF-9 | 03/11/03 | 24000 | 13000 | --- | --- | --- | 3200 | 940 | 340 | 1040 | <25 | 1600 | --- | --- | --- | --- |
| MW-SF-9 | 08/01/03 | 6600 | 95000 | --- | --- | --- | 980 | 72 | 140 | 430 | 17 | 2500 | --- | --- | --- | --- |
| MW-SF-9 | 10/07/03 | 5800 | 3300 | --- | --- | --- | 340 | 8.8 | 82 | 92 | <5 | 3200 | --- | --- | --- | --- |
| MW-SF-9 | 05/04/05 | 5700 | 9700 | --- | --- | --- | 730 | 73 | 130 | 190 | <10 | 54 | --- | --- | --- | --- |
| MW-SF-9 | 11/03/05 | <500 | 690 | --- | --- | --- | 9.4 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| MW-SF-9 | 12/08/06 | <500 | 10000 | --- | --- | --- | 35 | <2.5 | <2.5 | 3.6 | <5 | 8.7 | --- | --- | --- | --- |
| MW-SF-9 | 11/14/07 | 110 | 1400 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| MW-SF-9 | 04/16/08 | 920 | 5800 | --- | --- | --- | 200 | 1.4 | 6.3 | 3.9 | <1 | 16 | --- | --- | --- | --- |
| MW-SF-9 | 10/21/08 | 350 | 770 | --- | --- | --- | 10 | <0.50 | 2.3 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| MW-SF-9 | 04/23/09 | 430 | 3800 | --- | --- | --- | 44 | <0.50 | 1.2 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-9 | 10/22/09 | 2400 | 5900 | --- | --- | --- | 1300 | <10 | 11 | <10 | <20 | 13 | <200 | <20 | <20 | <20 |
| MW-SF-9 | 05/27/10 | 350 | 8200 | --- | --- | --- | 100 | 1.3 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| MW-SF-9 | 10/07/10 | 1100 | <7300 | --- | --- | --- | 450 | 7.8 | 17 | <2.5 | <5 | <2.5 | <50 | <5 | <5 | <5 |
| MW-SF-9 | 04/13/11 | 310 | 5900 | --- | --- | --- | 36 | <0.50 | <0.50 | 1.23 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| MW-SF-9 | 04/19/12 | 480 | --- | 3300 | --- | --- | 160 | <1 | <1 | <1 | <2 | <1 | <20 | 2.2 | <2 | <2 |
| MW-SF-9 | 06/06/13 | 2300 | --- | 4500 | --- | --- | 680 | 25 | 52 | 190 | <10 | 20 | <100 | 40 | <10 | <10 |
| MW-SF-9 | 10/11/13 | 4100 | --- | 7300 | --- | --- | 910 | 220 | 55 | 310 | <20 | 17 | <200 | <20 | <20 | <20 |
| MW-SF-9 | 04/14/16 | 2300 | --- | 5100 | --- | --- | 96 | 1.8 | 64 | 170 | <3 | 1.7 | 130 | 3.4 | <3 | <3 |
| MW-SF-10 | 10/05/10 | 30000 | <220000 | --- | --- | --- | 1500 | 1200 | 600 | 2700 | <30 | 31 | <300 | <30 | <30 | <30 |
| MW-SF-10 | 04/14/11 | 31000 | 160000 | --- | --- | --- | 520 | 68 | 410 | 6500 | <20 | 21 | <200 | <20 | <20 | <20 |
| MW-SF-10 | 10/13/11 | 18000 | 46000 | --- | --- | --- | 320 | 320 | 260 | 2900 | <20 | <10 | <200 | <20 | <20 | <20 |
| MW-SF-11 | 10/05/10 | 7800 | 650 | --- | --- | --- | 4000 | 210 | <15 | 110 | <30 | 140 | 940 | <30 | <30 | <30 |
| MW-SF-11 | 04/29/11 | 16000 | 2500 | --- | --- | --- | 10000 | 60 | 95 | 140 | <100 | 130 | <1000 | <100 | <100 | <100 |
| MW-SF-11 | 10/13/11 | 30000 | 2300 | --- | --- | --- | 14000 | 250 | 340 | 600 | <200 | <100 | <2000 | <200 | <200 | <200 |
| MW-SF-11 | 04/19/12 | 15000 | --- | 160 | --- | --- | 8100 | 130 | 110 | 480 | <100 | 100 | <1000 | <100 | <100 | <100 |
| MW-SF-11 | 10/18/12 | 77000 | --- | 320 | --- | --- | 18000 | 420 | 2600 | 6500 | <200 | <100 | <2000 | <200 | <200 | <200 |
| MW-SF-12 | 10/05/10 | 17000 | 1900 | --- | --- | --- | 5300 | 1800 | 110 | 680 | <50 | 2200 | 880 | <50 | <50 | <50 |
| MW-SF-12 | 04/29/11 | 27000 | 19000 | --- | --- | --- | 5900 | 4400 | 340 | 3400 | <50 | 2200 | <500 | <50 | <50 | <50 |
| MW-SF-12 | 10/13/11 | 110000 | 11000 | --- | --- | --- | 24000 | 18000 | 1000 | 6400 | <200 | 7200 | <2000 | <200 | <200 | <200 |
| MW-SF-13 | 10/05/10 | 9000 | 2900 | --- | --- | --- | 2100 | 1000 | 83 | 520 | <20 | 680 | 280 | 61 | <20 | <20 |
| MW-SF-13 | 04/29/11 | 3400 | 6300 | --- | --- | --- | 1000 | 64 | 20 | 189 | <10 | 39 | 270 | 23 | <10 | <10 |
| MW-SF-13 | 10/14/11 | 42000 | 13000 | --- | --- | --- | 12000 | 5200 | 300 | 2200 | <200 | 580 | <2000 | <200 | <200 | <200 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| MW-SF-13 | 08/23/16 | 790 | --- | 2600 | --- | --- | 2.6 | 1.2 | 8.2 | 24 | <2 | <1 | <20 | <2 | <2 | <2 |
| MW-SF-13 | 10/07/16 | 5300 | --- | 4400 | --- | --- | <5 | <5 | 200 | 350 | <10 | <5 | <100 | <10 | <10 | <10 |
| MW-SF-13 | 04/20/17 | 2000 | --- | 1500 | --- | --- | 3.9 | 1.6 | 26 | 60 | <2 | 1.9 | 36 | 4.8 | <2 | <2 |
| MW-SF-13 | 10/06/17 | <100 | --- | 2700 | --- | --- | 2 | 0.67 | <0.50 | <0.50 | <1 | 0.98 | 18 | 2.6 | <1 | <1 |
| MW-SF-13 | 04/20/18 | <100 | --- | 1400 | --- | --- | 1.3 | <0.50 | <0.50 | <0.50 | <1 | 0.55 | <10 | <1 | <1 | <1 |
| MW-SF-13 | 11/09/18 | <200 | --- | 530 | --- | --- | 1.2 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| MW-SF-13 | 04/19/19 | <200 | --- | 980 | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| MW-SF-13 | 11/01/19 | <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 | <100 | --- | 1100 | --- | --- | 0.79 | <0.50 | <0.50 | <0.50 | <1.0 | 0.58 | <10 | <1.0 | <1.0 | <1.0 |
| MW-SF-13 | 11/06/20 | <50 | --- | 1000 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-SF-13 | 05/06/21 | <100 | --- | 340 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 0.56 | <10 | <1.0 | <1.0 | <1.0 |
| MW-SF-13 | 11/03/21 | 78 | --- | 1400 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| MW-SF-14 | 10/08/10 | 30000 | 9300 | --- | --- | --- | 10000 | 300 | 900 | 1400 | <200 | 1900 | 2300 | <200 | <200 | <200 |
| MW-SF-14 | 04/29/11 | 18000 | 6500 | --- | --- | --- | 12000 | 84 | 130 | 150 | <100 | 330 | 1800 | <100 | <100 | <100 |
| MW-SF-14 | 10/13/11 | <20000 | 6900 | --- | --- | --- | 9100 | 120 | <100 | 660 | <200 | 760 | <2000 | <200 | <200 | <200 |
| MW-SF-14 | 04/19/12 | 15000 | --- | 450 | --- | --- | 8200 | 47 | 43 | 120 | <50 | 220 | 630 | <50 | <50 | <50 |
| MW-SF-14 | 10/18/12 | 9800 | --- | 200 | --- | --- | 5100 | 24 | <20 | 64 | <40 | 58 | <400 | <40 | <40 | <40 |
| MW-SF-14 | 04/24/15 | 510 | --- | 3300 | --- | --- | 100 | 13 | <2.5 | 18 | <5 | 21 | <50 | <5 | <5 | <5 |
| MW-SF-14 | 10/27/15 | 270000 | --- | 440000 | --- | --- | 8700 | 18000 | 2800 | 19000 | <200 | 2600 | <2000 | <200 | <200 | <200 |
| MW-SF-14 | 04/15/16 | 370 | --- | 17000 | --- | --- | 4.7 | <0.50 | <0.50 | 39 | <0.50 | 63 | 500 | <1 | <1 | <1 |
| MW-SF-15 | 10/05/10 | 8600 | 2000 | --- | --- | --- | 1900 | 700 | 63 | 500 | <20 | 1000 | 9200 | 37 | <20 | <20 |
| MW-SF-15 | 04/29/11 | 10000 | 3800 | --- | --- | --- | 5500 | 230 | 100 | 361 | <40 | 1200 | 3400 | 62 | <40 | <40 |
| MW-SF-15 | 10/14/11 | 35000 | 39000 | --- | --- | --- | 11000 | 860 | 210 | 1700 | <200 | 780 | 2300 | <200 | <200 | <200 |
| MW-SF-15 | 08/23/16 | 300 | --- | 1400 | --- | --- | 5.2 | 0.57 | 3 | 23 | 0.04 | 38 | 440 | 5.2 | 0.78 | 1.4 |
| MW-SF-15 | 10/07/16 | <500 | --- | 16000 | --- | --- | 7.1 | <2.5 | <2.5 | 3.5 | <5 | 26 | 720 | 12 | <5 | <5 |
| MW-SF-15 | 04/20/17 | 190 | --- | 550 | --- | --- | 2.5 | <0.50 | 0.69 | <0.50 | <1 | 17 | 300 | 48 | <1 | <1 |
| MW-SF-15 | 10/06/17 | 110 | --- | 1300 | --- | --- | 1.5 | <0.50 | <0.50 | <0.50 | <1 | 1.3 | 180 | 52 | <1 | <1 |
| MW-SF-15 | 04/20/18 | 120 | --- | 410 | --- | --- | 2.1 | <0.50 | <0.50 | <0.50 | <1 | 4.6 | 1400 | 53 | <1 | <1 |
| MW-SF-15 | 11/08/18 | 130 | --- | 140 | --- | --- | 1.6 | <0.50 | <0.50 | <0.50 | 0.85 | 1.9 | 220 | 55 | <1 | <1 |
| MW-SF-15 | 04/23/19 | 130 | --- | 870 | --- | --- | 3 | 0.91 | 0.53 | 4.9 | <1 | 1.8 | 71 | 54 | <1 | <1 |
| MW-SF-15 | 10/31/19 | 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 | <100 | --- | 230 | --- | --- | 0.89 | <0.50 | <0.50 | <0.50 | <1.0 | 1.5 | 120 | 85 | <1.0 | <1.0 |
| MW-SF-15 | 11/06/20 | <100 | --- | 580 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 0.75 | 28 | 26 | <1.0 | <1.0 |
| MW-SF-15 | 05/06/21 | <100 | --- | 320 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 0.83 | <10 | 15 | <1.0 | <1.0 |
| MW-SF-15 | 11/04/21 | <100 | --- | 440 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1.0 | 1.3 | 79 | 16 | <1.0 | <1.0 |
| MW-SF-16 | 10/04/10 | 4100 | <1400 | --- | --- | --- | 1600 | 150 | 39 | 160 | <20 | 170 | 1800 | 39 | <20 | <20 |
| MW-SF-16 | 04/29/11 | 5900 | 2400 | --- | --- | --- | 2400 | 210 | 150 | 563 | <20 | 210 | 370 | 30 | <20 | <20 |
| MW-SF-16 | 10/14/11 | 7900 | 2500 | --- | --- | --- | 2900 | 130 | 140 | 380 | <50 | 200 | <500 | <50 | <50 | <50 |
| MW-SF-16 | 10/31/14 | 100000 | --- | 110000 | --- | --- | 7400 | 7800 | 1000 | 17000 | <200 | 350 | <2000 | <200 | <200 | <200 |
| MW-SF-16 | 04/24/15 | 30000 | --- | 250000 | --- | --- | 1400 | 2300 | 570 | 4100 | <40 | 170 | <400 | <40 | <40 | <40 |
| MW-SF-16 | 10/27/15 | 3000 | --- | 490 | --- | --- | 750 | 39 | 35 | 160 | <20 | 41 | <200 | 37 | <20 | <20 |
| PO-7 | 11/08/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| PW-1 | 11/27/96 | --- | --- | --- | --- | --- | <1 | 2.2 | <1 | 2 | 270 | <10 | --- | --- | --- | --- |
| PW-1 | 07/15/97 | 190 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 180 | <5 | --- | --- | --- | --- |
| PW-1 | 01/05/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 68 | <5 | --- | --- | --- | --- |
| PW-1 | 05/22/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 38 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| PW-1 | 11/13/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 73 | 8.1 | --- | --- | --- | --- |
| PW-1 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.7 | <0.50 | --- | --- | --- | --- |
| PW-1 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | <0.50 | --- | --- | --- | --- |
| PW-1 | 05/17/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <0.50 | --- | --- | --- | --- |
| PW-1 | 11/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.7 | <0.50 | --- | --- | --- | --- |
| PW-1 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | <0.50 | --- | --- | --- | --- |
| PW-1 | 11/07/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | --- | --- | --- | --- |
| PW-1 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 10/23/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 04/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 10/08/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 04/21/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 11/04/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | <0.50 | --- | --- | --- | --- |
| PW-1 | 05/09/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 12/07/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 05/05/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 11/14/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 04/18/08 | <50 | 460 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 11/21/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-1 | 04/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-1 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-1 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-1 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-1 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-1 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-1 | 11/07/19 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| PW-2 | 11/25/96 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 76 | 3.3 | --- | --- | --- | --- |
| PW-2 | 07/14/97 | 140 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 160 | <5 | --- | --- | --- | --- |
| PW-2 | 01/06/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 82 | <5 | --- | --- | --- | --- |
| PW-2 | 05/22/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 37 | 0.9 | --- | --- | --- | --- |
| PW-2 | 08/25/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.8 | <0.50 | --- | --- | --- | --- |
| PW-2 | 11/16/98 | <300 | --- | --- | --- | --- | 16 | 18 | 2 | 10.9 | 35 | 58 | --- | --- | --- | --- |
| PW-2 | 02/03/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 79 | 2.4 | --- | --- | --- | --- |
| PW-2 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | <0.50 | --- | --- | --- | --- |
| PW-2 | 08/10/99 | <500 | --- | <1000 | --- | --- | <0.50 | <1 | <1 | <1 | 32 | <1 | --- | --- | --- | --- |
| PW-2 | 11/19/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 45 | 0.7 | --- | --- | --- | --- |
| PW-2 | 02/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 58 | <0.50 | --- | --- | --- | --- |
| PW-2 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 50 | 0.8 | --- | --- | --- | --- |
| PW-2 | 08/29/00 | <300 | 760 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 56 | 0.6 | --- | --- | --- | --- |
| PW-2 | 11/29/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 35 | 0.6 | --- | --- | --- | --- |
| PW-2 | 02/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 28 | 0.8 | --- | --- | --- | --- |
| PW-2 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 14 | <0.50 | --- | --- | --- | --- |
| PW-2 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 24 | <0.50 | --- | --- | --- | --- |
| PW-2 | 11/06/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | <0.50 | --- | --- | --- | --- |
| PW-2 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------------|------------|-------------|---------------------|---------------------|------------|-----------|--------------|------------|-------------|-------------|-----------|----------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| PW-3 | 10/17/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PW-3 | 04/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.64 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.86 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 05/26/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/06/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | <10 | 1 | <1 | <1 |
| PW-3 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/29/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/21/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.67 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 04/19/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| PW-3 | 10/31/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| PW-3 | 11/05/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| PW-3 | 05/06/21 | <50 | --- | 180 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| PW-3 | 11/02/21 | <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 | --- | --- | --- | --- | --- | 79 | 16 | 140 | 49 | 15 | 610 | --- | --- | --- | --- |
| PZ-1 | 07/16/97 | 220 | --- | <500 | --- | --- | <0.50 | <0.50 | 13 | <1 | 3 | 480 | --- | --- | --- | --- |
| PZ-1 | 01/06/98 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1.5 | 1.3 | 17 | --- | --- | --- | --- |
| PZ-1 | 05/26/98 | 400 | --- | --- | --- | --- | <5 | <5 | <5 | <10 | <5 | 370 | --- | --- | --- | --- |
| PZ-1 | 11/16/98 | 516 | <100 | --- | --- | --- | 110 | 67 | 8 | 38 | 7.2 | 320 | --- | --- | --- | --- |
| PZ-1 | 05/06/99 | 2000 | --- | <500 | --- | --- | 500 | <2 | 13 | 120 | <5 | 230 | --- | --- | --- | --- |
| PZ-1 | 11/17/99 | <300 | <100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | 210 | --- | --- | --- | --- |
| PZ-1 | 05/17/00 | 350 | 740 | --- | --- | --- | 51 | <2.5 | 2.7 | <2.5 | <2.5 | 250 | --- | --- | --- | --- |
| PZ-1 | 11/29/00 | 390 | 720 | --- | --- | --- | 79 | <2.5 | <2.5 | <2.5 | <2.5 | 260 | --- | --- | --- | --- |
| PZ-1 | 05/08/01 | <300 | 380 | --- | --- | --- | 15 | <0.50 | <0.50 | <0.50 | <0.50 | 330 | --- | --- | --- | --- |
| PZ-1 | 11/06/01 | 550 | 140 | --- | --- | --- | 8.4 | <0.50 | <0.50 | 0.7 | 1.4 | 470 | --- | --- | --- | --- |
| PZ-1 | 04/09/02 | <300 | <100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | 270 | --- | --- | --- | --- |
| PZ-2 | 04/11/13 | 210 | --- | 940 | --- | --- | 9.9 | <1 | 13 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| PZ-2 | 10/11/13 | 400 | --- | 580 | --- | --- | 9 | <0.50 | 1.3 | 2 | <1 | <0.50 | 23 | <1 | <1 | <1 |
| PZ-2 | 04/17/14 | 330 | --- | 280 | --- | --- | 2 | <0.50 | <0.50 | 2.6 | <1 | 0.6 | 25 | <1 | <1 | <1 |
| PZ-2 | 04/23/15 | 250 | --- | 810 | --- | --- | <1 | <1 | 2.5 | 13 | <2 | <1 | 29 | <2 | <2 | <2 |
| PZ-2 | 10/27/15 | 210 | --- | 460 | --- | --- | 1.2 | <0.50 | 1.2 | 3.8 | <0.50 | 0.56 | 42 | <1 | <1 | <1 |
| PZ-2 | 03/15/16 | 1200 | --- | 1800 | --- | --- | 150 | 16 | 32 | 72 | <2 | 4 | <20 | <2 | <2 | <2 |
| PZ-2 | 04/13/16 | 2300 | --- | 1300 | --- | --- | 110 | 20 | 120 | 390 | <2 | 1.3 | <20 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|----------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|-------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| PZ-2 | 06/30/16 | 790 | --- | 550 | --- | --- | 77 | 3 | 21 | 43 | <0.50 | 1.2 | <10 | 1 | <1 | <1 |
| PZ-2 | 08/23/16 | 590 | --- | 570 | --- | --- | 62 | 7.9 | 12 | 37 | 0.55 | 1.3 | 11 | 1.4 | <2 | 0.38 |
| PZ-2 | 10/06/16 | 410 | --- | 550 | --- | --- | 3.5 | 0.84 | 8.2 | 22 | <0.50 | 1.7 | 23 | <1 | <1 | <1 |
| PZ-2 | 04/20/17 | <50 | --- | 94 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | <10 | <1 | <1 | <1 |
| PZ-2 | 10/05/17 | 120 | --- | 440 | --- | --- | <0.50 | <0.50 | <0.50 | 2.6 | <0.50 | 1.1 | <10 | <1 | <1 | <1 |
| PZ-2 | 04/19/18 | 110 | --- | 680 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.1 | <10 | <1 | <1 | <1 |
| PZ-2 | 11/09/18 | <50 | --- | 200 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 J | <10 | <1 | <1 | <1 |
| PZ-2 | 04/19/19 | <50 | --- | 150 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <1 | <1 | <1 |
| PZ-2 | 10/30/19 | <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 | <50 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.56 | <10 | <1.0 | <1.0 | <1.0 |
| PZ-2 | 11/06/20 | <50 | --- | 320 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <1.0 | <1.0 | <1.0 |
| PZ-2 | 05/05/21 | <50 | --- | 620 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <10 | <1.0 | <1.0 | <1.0 |
| PZ-2 | 11/03/21 | 53 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.6 | <10 | <1.0 | <1.0 | <1.0 |
| PZ-3 | 04/22/04 | --- | 56000 | --- | --- | --- | 6300 | <1500 | 4100 | 24000 | --- | <25000 | --- | --- | --- | --- |
| PZ-3 | 04/22/09 | --- | --- | --- | --- | 2200 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| PZ-3 | 04/15/10 | --- | --- | --- | --- | 1600 | 2.2 | <0.50 | <0.50 | <0.50 | <0.50 | 0.74 | <10 | <2 | <2 | <2 |
| PZ-3 | 10/08/10 | --- | --- | --- | --- | 430 | 0.6 | --- | --- | --- | <0.50 | 0.69 | <10 | --- | --- | --- |
| PZ-3 | 04/14/11 | --- | --- | --- | --- | 2700 | 1.3 | <0.50 | <0.50 | <0.50 | <0.50 | 0.71 | <10 | <2 | <2 | <2 |
| PZ-3 | 10/14/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| PZ-3 | 04/19/12 | --- | --- | --- | --- | 590 | 0.68 | <0.50 | <0.50 | 0.26 J | <0.50 | 0.52 | 6.6 J | <2 | <2 | <2 |
| PZ-3 | 10/19/12 | --- | --- | --- | --- | 5000 | 280 | <0.50 | 150 | 362 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| PZ-3 | 10/09/13 | 2100 | --- | 10000 HD | --- | --- | 53 | 0.25 J | 44 | 95.3 | <0.50 | 1.6 | <10 | <2 | <2 | <2 |
| PZ-3 | 04/18/14 | 5300 HD | --- | 6900 HD | --- | --- | 420 | <0.50 | 7.4 | 1.86 | <0.50 | 1.2 | 18 | <2 | <2 | <2 |
| PZ-3 | 11/03/14 | 1300 | --- | 2700 | --- | --- | 52 | <0.50 | 1.4 | <1 | <0.50 | 3.7 | 12 | <2 | <2 | <2 |
| PZ-3 | 04/22/15 | 3000 | --- | 3600 | --- | --- | 59 | <0.50 | 1.2 | <1 | <0.50 | 2.8 | <10 | <2 | <2 | <2 |
| PZ-3 | 10/10/17 | 710 | --- | 1500 | --- | --- | 28 | <1 | <1 | <2 | <1 | <2 | <20 | <4 | <4 | <4 |
| PZ-3 | 04/20/18 | 690 | --- | 5300 J | --- | --- | 94 | <1 | 1.9 | 1 | <1 | 11 | <20 | <4 | <4 | <4 |
| PZ-3 | 11/12/18 | 690 | --- | 4300 | --- | --- | 16 | <0.50 | 0.5 | <1 | <0.50 | 2.3 | <10 | <2 | <2 | <2 |
| PZ-3 | 04/19/19 | <100 | --- | 330 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| PZ-3 | 10/31/19 | 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 | <100 | --- | 490 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| PZ-3 | 10/26/20 | <100 | --- | 470 | --- | --- | <0.50 | <0.50J | <0.50J | <1.0 | <0.50 | 1.6 | <10 | <2.0 | <2.0 | <2.0 |
| PZ-3 | 05/07/21 | <100 | --- | 2700 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| PZ-3 | 11/09/21 | <100 | --- | 1600 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| PZ-5 | 10/07/03 | 6900 | <100 | --- | --- | --- | 11 | <10 | <10 | <10 | <20 | 9100 | --- | --- | --- | --- |
| PZ-5 | 05/05/05 | <50 | <100 | --- | --- | --- | 0.87 | <0.50 | <0.50 | <0.50 | <0.50 | 43 | --- | --- | --- | --- |
| PZ-5 | 11/02/05 | 1200 | <100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 2100 | --- | --- | --- | --- |
| PZ-5 | 02/28/06 | 160 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 380 | --- | --- | --- | --- |
| PZ-5 | 05/04/06 | 1200 | <100 | --- | --- | --- | <2 | <2 | <2 | <2 | <4 | 1900 | --- | --- | --- | --- |
| PZ-5 | 09/19/06 | 480 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 1200 | --- | --- | --- | --- |
| PZ-5 | 12/07/06 | 480 | <100 | --- | --- | --- | <1.5 | <1.5 | <1.5 | <1.5 | <3 | 960 | --- | --- | --- | --- |
| PZ-5 | 03/13/07 | 320 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 690 | --- | --- | --- | --- |
| PZ-5 | 05/04/07 | 400 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 610 | --- | --- | --- | --- |
| PZ-5 | 08/29/07 | 380 | <100 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 480 | --- | --- | --- | --- |
| PZ-5 | 11/15/07 | 370 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 470 | --- | --- | --- | --- |
| PZ-5 | 02/20/08 | 940 | 560 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 750 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|----------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|--------|--------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| PZ-5 | 04/15/08 | 750 | 330 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 740 | --- | --- | --- | --- |
| PZ-5 | 08/12/08 | 1500 | 370 | --- | --- | --- | <2 | <2 | <2 | <2 | <4 | 2000 | --- | --- | --- | --- |
| PZ-5 | 10/16/08 | <3000 | 210 | --- | --- | --- | 22 | <15 | <15 | <15 | <30 | 1900 | --- | --- | --- | --- |
| PZ-5 | 02/24/09 | 1000 | 440 | --- | --- | --- | 61 | <1 | <1 | <1 | <2 | 1200 | 37000 | --- | --- | --- |
| PZ-5 | 02/24/09 | 1200 | 760 | --- | --- | --- | 250 | <2 | 5.7 | <2 | <4 | 1200 | 35000 | <4 | <4 | <4 |
| PZ-5 | 04/23/09 | 1200 | 760 | --- | --- | --- | 250 | <2 | 5.7 | <2 | <4 | 1200 | 35000 | <4 | <4 | <4 |
| PZ-5 | 07/22/09 | 3800 | 1800 | --- | --- | --- | 2000 | 20 | 98 | 77 | <5 | 800 | 54000 | <5 | <5 | <5 |
| PZ-5 | 10/23/09 | 2900 | 1300 | --- | --- | --- | 1100 | 18 | 53 | 69 | <10 | 500 | 50000 | <10 | <10 | <10 |
| PZ-5 | 03/16/10 | 1700 | 890 | --- | --- | --- | 370 | 2.1 | 33 | 9.4 | <4 | 350 | 58000 | <4 | <4 | <4 |
| PZ-5 | 04/16/10 | 1600 | 1100 | --- | --- | --- | 110 | <2.5 | 9.7 | 4.6 | <5 | 340 | 91000 | <5 | <5 | <5 |
| PZ-5 | 05/27/10 | 320000 J | 1300 | --- | --- | --- | 1100 | <25 | 66 | <25 | <50 | 360 | 69000 | <50 | <50 | <50 |
| PZ-5 | 07/14/10 | 4600 | 1300 | --- | --- | --- | 1900 | <10 | 180 | <10 | <20 | 530 | 82000 | <20 | <20 | <20 |
| PZ-5 | 08/12/10 | 9100 | 1600 | --- | --- | --- | 4400 | <5 | 340 | 42 | <10 | 490 | 64000 | <10 | <10 | <10 |
| PZ-5 | 09/20/10 | 8500 | 1800 | --- | --- | --- | 4200 | 2.8 | 110 | 12 | <4 | 370 | 43000 | <4 | <4 | <4 |
| PZ-5 | 10/07/10 | 6300 | 1000 | --- | --- | --- | 3100 | <20 | 56 | <20 | <40 | 150 | 40000 | <40 | <40 | <40 |
| PZ-5 | 11/16/10 | 3400 | 1600 | --- | --- | --- | 1600 | <10 | 10 | 15 | <20 | 130 | 20000 | <20 | <20 | <20 |
| PZ-5 | 12/22/10 | 3400 | 1700 | --- | --- | --- | 1600 | <10 | <10 | <10 | <20 | 100 | 22000 | <20 | <20 | <20 |
| PZ-5 | 01/12/11 | <4000 | 1200 | --- | --- | --- | 1500 | <5 | <5 | <5 | <10 | 130 | 38000 | <10 | <10 | <10 |
| PZ-5 | 02/24/11 | 1400 | 400 | --- | --- | --- | 390 | <2 | <2 | 3.8 | <4 | 84 | 27000 | <4 | <4 | <4 |
| PZ-5 | 03/23/11 | 1100 | 820 | --- | --- | --- | 210 | <1 | <1 | 2.4 | <2 | 140 | 29000 | <2 | <2 | <2 |
| PZ-5 | 04/13/11 | 830 | 520 | --- | --- | --- | 59 | <1 | <1 | <1 | <2 | 120 | 28000 | <2 | <2 | <2 |
| PZ-5 | 05/13/11 | 2000 | 830 | --- | --- | --- | 710 | 4.7 | 25 | 25.8 | <5 | 140 | 34000 | <5 | <5 | <5 |
| PZ-5 | 06/22/11 | 4500 | 1100 | --- | --- | --- | 960 | 9 | 30 | 80 | <10 | 100 | 33000 | <10 | <10 | <10 |
| PZ-5 | 07/12/11 | 3300 | 1200 | --- | --- | --- | 1500 | 16 | 50 | 77 | <20 | 110 | 34000 | <20 | <20 | <20 |
| PZ-5 | 08/19/11 | 2600 | 1200 | --- | --- | --- | 750 | 9 | 63 | 45 | <10 | 150 | 47000 | <10 | <10 | <10 |
| PZ-5 | 09/22/11 | 4700 | 1400 | --- | --- | --- | 1600 | 33 | 100 | 200 | <20 | 200 | 64000 | <20 | <20 | <20 |
| PZ-5 | 10/14/11 | 4600 | 1500 | --- | --- | --- | 1500 | 31 | 130 | 190 | <10 | 170 | 58000 | <10 | <10 | <10 |
| PZ-5 | 11/28/11 | 4600 | 1500 | --- | --- | --- | 1700 | 18 | 150 | 140 | <20 | 220 | 61000 | <20 | <20 | <20 |
| PZ-5 | 12/21/11 | 5900 | 2000 | --- | --- | --- | 2200 | 57 | 160 | 390 | <20 | 190 | 61000 | <20 | <20 | <20 |
| PZ-5 | 01/10/12 | 5400 | 1900 | --- | --- | --- | 2000 | 44 | 140 | 330 | <20 | 200 | 38000 | <20 | <20 | <20 |
| PZ-5 | 02/23/12 | 8400 | 1700 | --- | --- | --- | 3300 | 86 | 280 | 760 | <40 | 370 | 29000 | <40 | <40 | <40 |
| PZ-5 | 03/28/12 | 4100 | --- | 270 | --- | --- | 1800 | 20 | 100 | 170 | <20 | 150 | 29000 | <20 | <20 | <20 |
| PZ-5 | 04/19/12 | 2900 | --- | 260 | --- | --- | 1300 | <10 | 97 | 20 | <20 | 140 | 58000 | <20 | <20 | <20 |
| PZ-5 | 05/25/12 | 7500 | --- | 340 | --- | --- | 3700 | 42 | 210 | 250 | <30 | 240 | 68000 | <30 | <30 | <30 |
| PZ-5 | 06/15/12 | 8400 J | --- | 440 | --- | --- | 4500 | 60 | 190 | 320 | <100 | 500 | 75000 | <100 | <100 | <100 |
| PZ-5 | 07/10/12 | 7600 | --- | 360 | --- | --- | 3400 | 31 | 150 | 200 | <20 | 700 | 66000 | <20 | <20 | <20 |
| PZ-5 | 08/29/12 | 4500 | --- | 900 | --- | --- | 2300 | 17 | 110 | 66 | <20 | 1000 | 140000 | <20 | <20 | <20 |
| PZ-5 | 09/26/12 | 6200 | --- | 390 | --- | --- | 2000 | 25 | 160 | 110 | <20 | 1500 | 67000 | <20 | <20 | <20 |
| PZ-5 | 10/18/12 | 9900 | --- | 520 | --- | --- | 3300 | 55 | 200 | 180 | <80 | 5600 | 83000 | <80 | <80 | <80 |
| PZ-5 | 11/29/12 | 8300 | --- | 420 | --- | --- | 3000 | 35 | 200 | 69 | <40 | 3200 | 97000 | <40 | <40 | <40 |
| PZ-5 | 12/26/12 | 5200 | --- | 480 | --- | --- | 2600 | 18 | 160 | 55 | <5 | 3300 | 130000 | <5 | <5 | <5 |
| PZ-5 | 01/15/13 | 9400 | --- | 1400 | --- | --- | 3900 | 41 | 200 | 100 | <50 | 4800 | 100000 | <50 | <50 | <50 |
| PZ-5 | 02/20/13 | 12000 | --- | 1400 | --- | --- | 5400 | 67 | 310 | 310 | <100 | 8600 | 110000 | <100 | <100 | <100 |
| PZ-5 | 04/11/13 | 10000 | --- | 2300 | --- | --- | 4100 | 37 | 300 | 140 | <40 | 4800 | 83000 | <40 | <40 | <40 |
| PZ-5 | 10/11/13 | 49000 | --- | 6200 | --- | --- | 11000 | <100 | 590 | 250 | <200 | 32000 | 210000 | <200 | <200 | <200 |
| PZ-5 | 04/16/14 | 250000 | --- | 3700 | --- | --- | 70000 | <200 | 5800 | 200 | <400 | 150000 | 280000 | <400 | <400 | <400 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|---------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| PZ-5 | 10/30/14 | 16000 | --- | 6500 | --- | --- | 5600 | <50 | 410 | <50 | <100 | 440 | 110000 | <100 | <100 | <100 |
| PZ-5 | 04/23/15 | 3100 | --- | 2100 | --- | --- | 1100 | <5 | 120 | 18 | <10 | 150 | 64000 | <10 | <10 | <10 |
| PZ-5 | 10/26/15 | 1200 | --- | 1100 | --- | --- | <1 | <1 | <1 | <1 | <2 | 29 | 46000 | <2 | <2 | <2 |
| PZ-5 | 04/14/16 | 860 | --- | 400 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.6 | 72000 | <1 | <1 | <1 |
| PZ-5 | 10/06/16 | 1200 | --- | 970 | --- | --- | <1 | <1 | <1 | 1.4 | <2 | 7.2 | 110000 | <2 | 2.7 | <2 |
| PZ-5 | 04/21/17 | 16000 | --- | 840 | --- | --- | 5800 | 450 | 910 | 1900 | <40 | 770 | 47000 | <40 | <40 | 44 |
| PZ-5 | 10/05/17 | 910 | --- | 270 | --- | --- | 1.7 | <1 | 20 | 1.6 | <2 | 23 | 30000 | <2 | <2 | <2 |
| PZ-5 | 04/19/18 | 550 | --- | 420 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 3.6 | 97000 * | <1 | <1 | <1 |
| PZ-5 | 11/09/18 | 3100 | --- | 470 | --- | --- | <1.5 | <1.5 | <1.5 | <1.5 | <3 | 2.2 | 56000 | <3 | <3 | <3 |
| PZ-5 | 04/18/19 | 1700 | --- | 520 | --- | --- | 66 | <1 | <1 | 3.3 J | <2 | 6.2 | 150000 | <2 | 3.7 | <2 |
| PZ-5 | 10/31/19 | 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 | 700 | --- | 650 | --- | --- | 2.4 | <1.0 | <1.0 | <1.0 | <2.0 | 4.0 | 100,000 | <2.0 | 3.3 | <2.0 |
| PZ-5 | 11/06/20 | 700 | --- | 330 | --- | --- | <0.50 | <0.50 | <0.50 | 14 | <1.0 | 190 | 25000 | <1.0 | <1.0 | 1 |
| PZ-5 | 05/05/21 | 270 | --- | 300 | --- | --- | <0.50 | 0.53 | <0.50 | 11 | <1.0 | 270 | 9,000 | <1.0 | <1.0 | <1.0 |
| PZ-5 | 11/04/21 | 150 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.0 | 12,000 | <1.0 | <1.0 | <1.0 |
| PZ-6 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | 0.5 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-6 | 05/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-6 | 07/08/03 | --- | --- | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| PZ-6 | 04/27/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-6 | 07/08/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | <0.50 | --- | --- | --- | --- |
| PZ-7A | 06/13/03 | 340 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 660 | --- | --- | --- | --- |
| PZ-7A | 09/24/03 | 160 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 390 | --- | --- | --- | --- |
| PZ-7A | 10/10/03 | 240 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 340 | --- | --- | --- | --- |
| PZ-7A | 08/02/05 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 4.8 | --- | --- | --- | --- |
| PZ-7B | 06/13/03 | 98 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | 51 | --- | --- | --- | --- |
| PZ-7B | 09/24/03 | 61 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 67 | --- | --- | --- | --- |
| PZ-7B | 10/10/03 | 90 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | --- | --- | --- | --- |
| PZ-7B | 08/02/05 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-8A | 06/13/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 12 | --- | --- | --- | --- |
| PZ-8A | 09/24/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | --- | --- | --- | --- |
| PZ-8A | 10/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | --- | --- | --- | --- |
| PZ-8A | 08/02/05 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-8A | 12/06/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-8B | 06/13/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 31 | --- | --- | --- | --- |
| PZ-8B | 09/24/03 | 86 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 180 | --- | --- | --- | --- |
| PZ-8B | 10/10/03 | 310 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | 440 | --- | --- | --- | --- |
| PZ-8B | 08/02/05 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-8B | 12/06/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-9A | 06/13/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-9A | 09/24/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-9A | 10/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-9A | 08/02/05 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-9B | 06/13/03 | 75 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 50 | --- | --- | --- | --- |
| PZ-9B | 09/24/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 7.9 | --- | --- | --- | --- |
| PZ-9B | 10/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 3.9 | --- | --- | --- | --- |
| PZ-9B | 08/02/05 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|--------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| PZ-10 | 08/01/03 | 6300 | 1800 | --- | --- | --- | 710 | 130 | 150 | 890 | <10 | 47 | --- | --- | --- | --- |
| PZ-10 | 10/07/03 | 6200 | 1900 | --- | --- | --- | 1000 | 21 | 230 | 600 | <10 | 55 | --- | --- | --- | --- |
| PZ-10 | 01/27/04 | 3100 | 1800 | --- | --- | --- | 560 | 5.4 | 63 | 201 | <5 | 28 | --- | --- | --- | --- |
| PZ-10 | 04/22/04 | 11000 | 8300 | --- | --- | --- | 2100 | 29 | 470 | 1490 | <20 | 110 | --- | --- | --- | --- |
| PZ-10 | 07/19/04 | 4800 | 2500 | --- | --- | --- | 890 | <5 | 210 | 278 | <10 | 45 | --- | --- | --- | --- |
| PZ-10 | 11/03/04 | 4600 | 2800 | --- | --- | --- | 920 | 9.1 | 280 | 580 | <10 | 50 | --- | --- | --- | --- |
| PZ-10 | 02/03/05 | 1000 | 1200 | --- | --- | --- | 250 | 1.4 | 34 | 108 | <2 | 42 | --- | --- | --- | --- |
| PZ-10 | 05/04/05 | <50 | 350 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-10 | 08/01/05 | <50 | <100 | --- | --- | --- | 0.71 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-10 | 11/02/05 | <100 | 220 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| PZ-10 | 02/27/06 | <200 | 1600 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 6.1 | --- | --- | --- | --- |
| PZ-10 | 05/09/06 | <1000 | 1600 | --- | --- | --- | 5.1 | <5 | <5 | <5 | <10 | 36 | --- | --- | --- | --- |
| PZ-10 | 09/20/06 | <200 | 640 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 3.6 | --- | --- | --- | --- |
| PZ-10 | 12/06/06 | <500 | 2400 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | 5.5 | --- | --- | --- | --- |
| PZ-10 | 03/13/07 | <500 | 1100 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | --- | --- | --- | --- |
| PZ-10 | 05/03/07 | <1000 | 7100 | --- | --- | --- | 6.1 | <5 | <5 | <5 | <10 | <5 | --- | --- | --- | --- |
| PZ-10 | 08/30/07 | <200 | 1000 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | --- | --- | --- | --- |
| PZ-10 | 11/14/07 | <50 | 360 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| PZ-10 | 02/21/08 | <200 | 510 | --- | --- | --- | 65 | <1 | 3.1 | 9.4 | <2 | <1 | --- | --- | --- | --- |
| PZ-10 | 04/16/08 | 950 | 670 | --- | --- | --- | 360 | 5 | 20 | 85 | <5 | 11 | --- | --- | --- | --- |
| PZ-10 | 10/16/08 | <200 | 1100 | --- | --- | --- | 18 | <1 | <1 | <1 | <2 | 1.7 | --- | --- | --- | --- |
| PZ-10 | 04/20/09 | 560 | 2600 | --- | --- | --- | 26 | <1 | 3.2 | <1 | <2 | 12 | 38 | 5.2 | <2 | <2 |
| PZ-10 | 07/21/09 | <200 | 1700 | --- | --- | --- | 1.4 | <1 | <1 | <1 | <2 | 9.6 | 55 | 3.1 | <2 | <2 |
| PZ-10 | 10/22/09 | <200 | 1200 | --- | --- | --- | <1 | <1 | <1 | <1 | <2 | 4.4 | 30 | <2 | <2 | <2 |
| PZ-10 | 05/27/10 | <100 | 940 | --- | --- | --- | 0.92 | <0.50 | <0.50 | <0.50 | <1 | 1.4 | <10 | <1 | <1 | <1 |
| PZ-10 | 10/07/10 | <100 | <830 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| PZ-10 | 04/13/11 | <200 | 910 | --- | --- | --- | 2.8 | <1 | <1 | <1 | <2 | <1 | <20 | 2.2 | <2 | <2 |
| PZ-10 | 04/19/12 | <200 | --- | 570 | --- | --- | 4.9 | <1 | <1 | <1 | <2 | <1 | 39 | 3.4 | <2 | <2 |
| PZ-10 | 10/17/12 | <500 | --- | 970 | --- | --- | 32 | <2.5 | <2.5 | <2.5 | <5 | <2.5 | <50 | 6.4 | <5 | <5 |
| PZ-10 | 10/26/15 | 340 | --- | 1200 | --- | --- | <1.5 | <1.5 | <1.5 | 6.2 | <3 | <1.5 | 140 | <3 | <3 | <3 |
| PZ-10 | 04/14/16 | <200 | --- | 240 | --- | --- | <1 | <1 | <1 | <1 | <2 | <1 | <20 | <2 | <2 | <2 |
| RTF-18-N | 04/24/17 | 25000 | --- | 5200 | --- | --- | 1700 | 6.7 | 800 | 2500 | <5 | <10 | <100 | <20 | <20 | <20 |
| RTF-18-NNW | 04/24/17 | 30000 | --- | 6900 | --- | --- | 5000 | 16 | 1500 | 5200 | <5 | <10 | <100 | <20 | <20 | <20 |
| TF-8 | 09/18/03 | --- | <100 | --- | --- | --- | 1.2 | <0.50 | 0.77 | 2.74 | <0.50 | 24 | --- | --- | --- | --- |
| TF-8 | 02/21/04 | --- | --- | --- | 520 | --- | 3.2 | <0.50 | <0.50 | 1.4 | --- | 46 | --- | --- | --- | --- |
| TF-8 | 10/10/13 | <100 | --- | 490 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.53 | <10 | <2 | <2 | <2 |
| TF-8 | 04/18/14 | 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 | <100 | --- | 1000 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| TF-8 | 04/29/15 | <100 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| TF-8 | 10/23/15 | <100 | --- | 830 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| TF-8 | 04/12/16 | <100 | --- | 1000 | --- | --- | 0.52 | <0.50 | 1.2 | 4.1 | <0.50 | 1.7 | <10 | <2 | <2 | <2 |
| TF-8 | 10/10/16 | <100 | --- | 770 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.2 | <10 | <2 | <2 | <2 |
| TF-8 | 04/20/17 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-8 | 10/05/17 | <100 | --- | 640 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-8 | 04/19/18 | <100 | --- | 780 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-8 | 11/08/18 | <100 | --- | 190 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|------|------|--------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| TF-8 | 04/17/19 | <100 | --- | 300 J | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-8 | 11/05/19 | <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 | <100 | --- | 280 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-8 | 10/26/20 | <100 | --- | 250 | --- | --- | <0.50 | <0.50J | <0.50J | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-8 | 05/07/21 | <100 | --- | 270 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-8 | 11/08/21 | <100 | --- | 320 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-9 | 10/10/13 | 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 | 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 | 1100 | --- | 1300 | --- | --- | 6 | <0.50 | 0.84 | 0.69 | <0.50 | <2 | 22 | <2 | <2 | <2 |
| TF-9R | 10/05/17 | 1500 | --- | 1500 | --- | --- | 36 | <0.50 | 6.5 | 0.51 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-9R | 04/20/18 | 750 | --- | 1700 J | --- | --- | 34 | <2.5 | 3.4 | <5 | <2.5 | <5 | <50 | <10 | <10 | <10 |
| TF-9R | 11/12/18 | 1500 | --- | 2400 | --- | --- | 26 | <2 | 7.1 | <4 | <2 | <4 | <40 | <8 | <8 | <8 |
| TF-9R | 04/19/19 | <100 | --- | 120 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-9R | 10/31/19 | <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 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-9R | 10/20/20 | <100 | --- | 250 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10J | <2.0 | <2.0 | <2.0 |
| TF-9R | 05/07/21 | <100 | --- | 900 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-9R | 11/08/21 | <100 | --- | 1300 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-14 | 09/18/03 | --- | 20000 | --- | --- | --- | 210 | <2.5 | 62 | 88.8 | <2.5 | <2.5 | --- | --- | --- | --- |
| TF-14 | 02/21/04 | --- | --- | --- | 12000 | --- | 370 | <1 | 130 | 125.9 | --- | 1.2 | --- | --- | --- | --- |
| TF-15 | 05/12/20 | 2000 | --- | 1600 | --- | --- | 230 | <5.0 | 51 | 21 | <5.0 | <12 | <100 | <20 | <20 | <20 |
| TF-15 | 10/26/20 | 160 | --- | 2300 | --- | --- | 59 | <2.5J | <2.5J | <5.0 | <2.5 | <6.0 | <50 | <10 | <10 | <10 |
| TF-15 | 05/12/21 | 1100 | --- | 6600 | --- | --- | 37 | <0.50 | 15 | 19 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-15 | 11/08/21 | 1200 | --- | 18000 | --- | --- | 32 | 4.2 | 33 | 22.3 | <0.50 | <1.2 | 10 | <2.0 | <2.0 | <2.0 |
| TF-16 | 04/14/03 | --- | 4450 | --- | --- | --- | 23.8 | 5.03 | 15.3 | 16.8 | --- | 9.51 | --- | --- | --- | --- |
| TF-16 | 09/18/03 | --- | 59000 | --- | --- | --- | 280 | 8.3 | 24 | 211 | <0.50 | 9.1 | --- | --- | --- | --- |
| TF-16 | 10/11/03 | --- | 7400 | --- | --- | --- | 150 | 7 | 27 | 91 | --- | <25 | --- | --- | --- | --- |
| TF-16 | 02/21/04 | --- | --- | --- | 48000 | --- | 120 | 2.4 | 23 | 89 | --- | 5.6 | --- | --- | --- | --- |
| TF-16 | 04/21/04 | --- | 23000 | --- | --- | --- | 200 | 30 | 40 | 320 | --- | 4.6 | --- | --- | --- | --- |
| TF-16 | 11/04/04 | --- | 16000 | --- | --- | --- | 180 | 4 | 20 | 320 | --- | <10 | --- | --- | --- | --- |
| TF-16 | 05/06/05 | --- | 27000 | --- | --- | --- | 43 | 10 | 4.6 | 73 | --- | <25 | --- | --- | --- | --- |
| TF-16 | 11/08/05 | --- | 4200 | --- | --- | --- | 25 | 0.86 | 3.4 | 20 | --- | 8.5 | --- | --- | --- | --- |
| TF-16 | 05/04/06 | --- | 33000 | --- | --- | --- | 52 | 0.89 | 10 | 49 | --- | <5 | --- | --- | --- | --- |
| TF-16 | 12/08/06 | --- | 3500 | --- | --- | --- | 28 | <0.50 | 1.5 | 3 | --- | <5 | --- | --- | --- | --- |
| TF-16 | 05/04/07 | --- | 13000 | --- | --- | --- | 520 | <2.5 | 5.4 | 10 | --- | <25 | --- | --- | --- | --- |
| TF-16 | 11/15/07 | --- | 5200 | --- | --- | --- | 450 | <0.50 | <0.50 | <1 | --- | 9.3 | --- | --- | --- | --- |
| TF-16 | 04/17/08 | --- | 4300 | --- | --- | --- | 570 | 1.3 | 3.2 | 4.1 | --- | <10 | --- | --- | --- | --- |
| TF-16 | 10/16/08 | --- | --- | --- | --- | 3100 | 330 | <2.5 | <2.5 | <2.5 | <2.5 | 6.3 | <50 | <10 | <10 | <10 |
| TF-16 | 04/24/09 | --- | --- | --- | --- | 2200 | 24 | <0.50 | <0.50 | <0.50 | <0.50 | 4.1 | 11 | <2 | <2 | <2 |
| TF-16 | 10/26/09 | --- | --- | --- | --- | 960 | 7.6 | <0.50 | 0.34 J | <0.50 | <0.50 | 3.9 | 11 | <2 | <2 | 0.35 J |
| TF-16 | 04/15/10 | --- | --- | --- | --- | 1000 | 10 | <0.50 | 0.38 J | <0.50 | --- | 3.5 | 8.2 J | <2 | <2 | 0.42 J |
| TF-16 | 04/15/11 | --- | --- | --- | --- | 870 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TF-16 | 04/22/11 | --- | --- | --- | --- | --- | 40 | <0.50 | 1.1 | 0.8 | <0.50 | 3.4 | 11 | <2 | <2 | 0.39 J |
| TF-16 | 04/19/12 | 2100 | --- | --- | --- | 2100 | 10 | <0.50 | 0.83 | 0.67 J | <0.50 | 3.4 | 17 | <2 | <2 | 0.67 J |
| TF-16 | 04/11/13 | 1200 b | --- | 2500 b | --- | --- | 180 | <0.50 | 1.5 | 1.08 J | <0.50 | 4.8 | 6 J | <2 | <2 | <2 |
| TF-16 | 10/08/13 | 860 HD | --- | 2300 HD | --- | --- | 170 | <0.50 | 1.1 | 0.58 | <0.50 | 4.2 | 8.5 J | <2 | <2 | 0.64 J |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|----------|--------|----------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-------|-------|-------|--------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| TF-16 | 04/17/14 | 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 | 3400 | --- | 2000 | --- | --- | 100 | <2.5 | <2.5 | <5.0 | <2.5 | <6.0 | <50 | <10 | <10 | <10 |
| TF-16 | 10/26/20 | 170 | --- | 2100 | --- | --- | 32 | <1.0J | 4.3 J | <2.0 | <1.0 | <2.4 | <20 | <4.0 | <4.0 | <4.0 |
| TF-16 | 05/12/21 | 270 | --- | 2600 | --- | --- | 7.8 | <0.50 | 0.61 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-16 | 11/08/21 | 1300 | --- | 2500 | --- | --- | 1.4 | <0.50 | 2.1 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-17 | 10/09/13 | 18000 HD | --- | 32000 HD | --- | --- | 33 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <50 | <10 | <10 | <10 |
| TF-17 | 04/17/14 | 8900 HD | --- | 14000 HD | --- | --- | 13 | <2.5 | <2.5 | <2.5 | <2.5 | 2.7 | <50 | <10 | <10 | <10 |
| TF-17 | 11/03/14 | 2900 | --- | 7100 | --- | --- | 68 | 2.3 | 46 | 230 | <0.50 | 2.8 | <10 | <2 | <2 | <2 |
| TF-17R | 05/12/20 | 5800 | --- | 11000 | --- | --- | 370 | <50 | 590 | 1200 | <50 | <120 | <1000 | <200 | <200 | <200 |
| TF-17R | 11/23/20 | 5700 | --- | 3700 | --- | --- | 46 J | <5.0J | 190 J | 490 J | <5.0J | <12J | <100J | <20J | <20J | <20J |
| TF-17R | 05/10/21 | 8600 | --- | 5600 | --- | --- | 67 | <2.5 | 260 | 590 | <2.5 | <6.0 | 76 | <10 | <10 | <10 |
| TF-17R | 11/09/21 | 1700 | --- | 18000 | --- | --- | 6.4 | <2.5 | 15 | 13 | <2.5 | <6.0 | <50 | <10 | <10 | <10 |
| TF-18 | 04/24/17 | 54000 | --- | 7300 | --- | --- | 320 | <5 | 340 | 530 | <5 | <10 | <100 | <20 | <20 | <20 |
| TF-18 | 11/07/19 | 5600 | --- | 9300 | --- | --- | 33 | <5.0 | 88 | 34 | <5.0 | <1.2 | <100 | <20 | <20 | <20 |
| TF-18 | 11/23/20 | 3800 | --- | 16000 J | --- | --- | 18 | <2.5 | 4.3 J | 3 | <2.5 | <6.0 | 700 | <10 | <10 | <10 |
| TF-18 | 05/12/21 | 27000 | --- | 21000 | --- | --- | 13 | <1.0 | 19 | 4.0 | <1.0 | <2.4 | 200 | <4.0 | <4.0 | <4.0 |
| TF-18 | 11/09/21 | 9400 | --- | 68000 | --- | --- | 4.6 | <0.50 | 0.51 | <1.0 | <0.50 | <1.2 | 380 | <2.0 | <2.0 | <2.0 |
| TF-19 | 11/06/18 | 710 | --- | 1500 | --- | --- | <0.50 | <0.50 | 0.54 | 1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-20R | 10/10/17 | 1300 | --- | 660 | --- | --- | 490 | <5 | <5 | <10 | <5 | <10 | <100 | <20 | <20 | <20 |
| TF-20R | 04/24/18 | 900 | --- | 540 | --- | --- | 290 | <5 | <5 | <10 | <5 | <10 | <100 | <20 | <20 | <20 |
| TF-20R | 11/15/18 | 700 | --- | 620 | --- | --- | 130 | <5 | <5 | <10 | <5 | <10 | <100 | <20 | <20 | <20 |
| TF-20R | 04/22/19 | 540 | --- | 440 | --- | --- | 74 | <0.50 | <0.50 | 1.1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-20R | 11/06/19 | 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 | 410 | --- | 600 | --- | --- | 25 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-20R | 10/28/20 | 170 | --- | 430 | --- | --- | <0.50J | <0.50J | <0.50J | <1.0J | <0.50J | <1.2J | <10J | <2.0J | <2.0J | <2.0J |
| TF-20R | 05/10/21 | <100 | --- | 100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-20R | 11/04/21 | <100 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-21 | 04/10/03 | --- | 476 | --- | --- | --- | 267 | 1.63 | 8.13 | 9.83 | --- | <3 | --- | --- | --- | --- |
| TF-21 | 09/18/03 | --- | 1800 | --- | --- | --- | 560 | <5 | 5.6 | <5 | <5 | <5 | --- | --- | --- | --- |
| TF-21 | 10/08/03 | --- | 2500 | --- | --- | --- | 390 | <0.60 | 4.2 | <0.60 | --- | <10 | --- | --- | --- | --- |
| TF-21 | 02/21/04 | --- | --- | --- | 1500 | --- | 820 | <2.5 | <2.5 | <2.5 | --- | 3.6 | --- | --- | --- | --- |
| TF-21 | 04/21/04 | --- | 2000 | --- | --- | --- | 550 | <1 | 1.6 | <1 | --- | 2.7 | --- | --- | --- | --- |
| TF-21 | 11/04/04 | --- | 860 | --- | --- | --- | 10 | <0.30 | <0.30 | 1.2 | --- | <5 | --- | --- | --- | --- |
| TF-21 | 05/05/05 | --- | 3600 | --- | --- | --- | 190 | 13 | 45 | 310 | --- | <100 | --- | --- | --- | --- |
| TF-21 | 11/05/05 | --- | 2200 | --- | --- | --- | 140 | 0.61 | 3.7 | 39 | --- | 6.1 | --- | --- | --- | --- |
| TF-21 | 05/03/06 | --- | 3200 | --- | --- | --- | 140 | 4.3 | 3.9 | 10 | --- | 5.1 | --- | --- | --- | --- |
| TF-21 | 12/06/06 | --- | 1100 | --- | --- | --- | 44 | <0.50 | <0.50 | 5 | --- | <5 | --- | --- | --- | --- |
| TF-21 | 05/04/07 | --- | 3200 | --- | --- | --- | 80 | 0.93 | 0.86 | 2.2 | --- | 7.2 | --- | --- | --- | --- |
| TF-21 | 11/16/07 | --- | 790 | --- | --- | --- | 170 | <0.50 | <0.50 | <1 | --- | <5 | --- | --- | --- | --- |
| TF-21 | 04/17/08 | --- | 980 | --- | --- | --- | 190 | <0.50 | 4.4 | 2.4 | --- | <5 | --- | --- | --- | --- |
| TF-21 | 10/15/08 | --- | --- | --- | --- | 810 | 37 | <0.50 | <0.50 | <0.50 | <0.50 | 1 | 23 | <2 | <2 | <2 |
| TF-21 | 04/24/09 | --- | --- | --- | --- | 350 | 40 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 18 | <2 | <2 | <2 |
| TF-21 | 10/26/09 | --- | --- | --- | --- | 960 | 50 | <0.50 | 0.46 J | <0.50 | <0.50 | 0.74 | 19 | <2 | <2 | <2 |
| TF-21 | 04/16/10 | --- | --- | --- | --- | 1100 | 120 | 0.37 J | 1.1 | 1.16 | --- | <0.50 | 15 | <2 | <2 | <2 |
| TF-21 | 04/15/11 | --- | --- | --- | --- | 2000 | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| TF-21 | 04/22/11 | --- | --- | --- | --- | --- | 160 | <0.50 | 1.4 | 3.1 | <0.50 | 0.71 | 20 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|---------|--------|---------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| TF-21 | 04/20/12 | 1600 | --- | --- | --- | 1900 | 280 | 0.27 J | 1.7 | 0.88 J | <0.50 | 0.99 | 24 | <2 | <2 | <2 |
| TF-21 | 04/12/13 | 590 b | --- | 2700 | --- | --- | 130 | <0.50 | 0.5 | 0.24 J | <0.50 | 4.1 | 13 | <2 | <2 | <2 |
| TF-21 | 10/08/13 | 810 HD | --- | 2200 HD | --- | --- | 320 | <0.50 | 0.59 | 0.24 | <0.50 | 7.2 | 17 | <2 | <2 | <2 |
| TF-21 | 04/17/14 | 1100 HD | --- | 2000 HD | --- | --- | 190 | 0.26 J | 0.83 | 0.48 | <0.50 | 16 | 20 | <2 | <2 | <2 |
| TF-21 | 10/30/14 | 1500 | --- | 1700 | --- | --- | 120 | <0.50 | 1.2 | 0.54 | <0.50 | 2.2 | <10 | <2 | <2 | <2 |
| TF-21 | 04/29/15 | 570 | --- | 1700 | --- | --- | 16 | <1 | <1 | <2 | <1 | <4 | <20 | <4 | <4 | <4 |
| TF-21 | 10/11/16 | 1300 | --- | 7800 | --- | --- | 8.5 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-21 | 04/21/17 | 420 | --- | 1400 | --- | --- | 10 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-21 | 10/09/17 | 350 | --- | 1700 | --- | --- | 4.3 | <0.50 | <0.50 | <1 | <0.50 | <1 | 18 | <2 | <2 | <2 |
| TF-21 | 04/23/18 | 180 | --- | 960 | --- | --- | 13 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-21 | 11/12/18 | 370 | --- | 1400 | --- | --- | 5.8 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-21 | 04/22/19 | 150 | --- | 710 | --- | --- | 1.5 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-21 | 10/30/19 | 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 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-21 | 10/23/20 | <100 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-21 | 05/05/21 | <100 | --- | 290 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-21 | 11/04/21 | <100 | --- | 160 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-23 | 04/24/17 | 410 | --- | 2900 | --- | --- | 2.2 | 0.62 | 0.9 | 2.4 | <0.50 | 1.5 | 94 | <2 | <2 | <2 |
| TF-23 | 04/22/19 | 560 | --- | 4600 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1 | 92 | <2 | <2 | <2 |
| 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-23 | 10/26/20 | 550 | --- | 1900 | --- | --- | 1.1 | <0.50J | <0.50J | <1.0 | <0.50 | 21 | 1300 | <2.0 | <2.0 | <2.0 |
| TF-23 | 05/12/21 | 670 | --- | 23000 | --- | --- | <2.5 | <2.5 | <2.5 | <5.0 | <2.5 | 20 | 810 | <10 | <10 | <10 |
| TF-23 | 11/09/21 | 1100 | --- | 87000 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | 9.2 | 540 | <2.0 | <2.0 | <2.0 |
| TF-24 | 10/10/13 | <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 | <100 | --- | 730 HD | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| TF-24 | 10/29/14 | <100 | --- | 1900 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| TF-24 | 04/29/15 | <100 | --- | 1900 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <2 | <10 | <2 | <2 | <2 |
| TF-24 | 10/11/16 | <100 | --- | 1100 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-24 | 04/21/17 | <100 | --- | 1700 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-24 | 10/05/17 | <100 | --- | 2500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-24 | 04/20/18 | <100 | --- | 2900 J | --- | --- | 1.7 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-24 | 11/12/18 | <100 | --- | 2800 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-24 | 04/19/19 | <100 | --- | 2800 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <1 | <10 | <2 | <2 | <2 |
| TF-24 | 11/06/19 | <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 | <100 | --- | 360 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-24 | 10/23/20 | <100 | --- | 4200 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-24 | 05/12/21 | <100 | --- | 750 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| TF-24 | 11/05/21 | <100 | --- | 1400 | --- | --- | <0.50 | <0.50 | <0.50 | <1.0 | <0.50 | <1.2 | <10 | <2.0 | <2.0 | <2.0 |
| WCW-1 | 11/25/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | 0.6 | <5 | --- | --- | --- | --- |
| WCW-1 | 07/15/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-1 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-1 | 05/23/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-1 | 08/25/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-1 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-1 | 02/02/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-1 | 05/06/99 | <500 | --- | <500 | --- | --- | 2.1 | 9.8 | 0.8 | 4.4 | <1 | <0.50 | --- | --- | --- | --- |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|------------|------------|---------------------|---------------------|---------|------------|--------------|---------|------------|------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-2 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-2 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-2 | 12/05/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 05/01/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-2 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-2 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/26/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 05/24/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/07/10 | <100 | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| WCW-2 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-2 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/08/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 04/18/17 | <50 | --- | 230 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-2 | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-2 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-2 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-2 | 11/03/21 | <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 | 120 | --- | <500 | <500 | --- | <0.70 | <0.50 | <0.50 | <1.5 | 190 | <5 | --- | --- | --- | --- |
| WCW-3 | 07/15/97 | 100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 190 | <5 | --- | --- | --- | --- |
| WCW-3 | 01/05/98 | <500 | --- | 200 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | 220 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 05/23/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 201 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 08/26/98 | <300 | 304 | --- | --- | --- | <2.5 | <2.5 | <2.5 | <2.5 | 200 | <2.5 | --- | --- | --- | --- |
| WCW-3 | 11/03/98 | <300 | 228 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 190 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 02/03/99 | <1000 | --- | <500 | --- | --- | <1 | <1 | <1 | <2 | 200 | <1 | --- | --- | --- | --- |
| WCW-3 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | 1.3 | <0.50 | <0.50 | <1 | 1.1 | --- | --- | --- | --- |
| WCW-3 | 08/10/99 | <500 | --- | <1000 | --- | --- | <0.50 | <1 | <1 | <1 | 130 | 1.8 | --- | --- | --- | --- |
| WCW-3 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 100 | 3.3 | --- | --- | --- | --- |
| WCW-3 | 02/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 100 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|--------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-3 | 05/18/00 | <300 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 92 | 1 | --- | --- | --- | --- |
| WCW-3 | 08/28/00 | <300 | 200 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 90 | 0.7 | --- | --- | --- | --- |
| WCW-3 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 68 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 02/05/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 81 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 05/09/01 | <300 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 63 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 09/19/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 69 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 51 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 34 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 29 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 47 | 0.55 | --- | --- | --- | --- |
| WCW-3 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | 39 | <1 | --- | --- | --- | --- |
| WCW-3 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 44 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 34 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 10/11/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 22 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 01/28/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 43 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 05/10/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 33 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 07/20/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 46 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 33 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-3 | 02/03/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 39 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 31 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 08/02/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 26 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 19 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-3 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 8.8 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 10 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 09/20/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 12/05/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.6 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-3 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 05/01/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 08/28/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-3 | 02/21/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 08/13/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.6 | <0.50 | --- | --- | --- | --- |
| WCW-3 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 1.3 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-3 | 02/23/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | --- | --- | --- |
| WCW-3 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 07/20/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/26/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 4 | <0.50 | <10 | 0.44 J | <2 | <2 |
| WCW-3 | 03/15/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.5 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 05/24/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 07/12/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.4 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/08/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.8 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.3 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.1 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 07/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.5 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|-------|---------------------|---------------------|------------|-------------|--------------|------------|-------------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-3 | 10/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.4 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 01/09/12 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.3 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 3.2 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 07/09/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.2 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/16/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 01/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 4.1 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.88 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.84 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.74 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.5 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-3 | 10/30/19 | <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-3 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-3 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.2 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-3 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-4 | 11/22/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-4 | 07/08/97 | <100 | --- | <500 | --- | --- | 0.5 | 0.78 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-4 | 01/05/98 | <500 | --- | <100 | 300 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 05/19/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 11/03/98 | <300 | 475 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 05/06/99 | <500 | --- | <500 | --- | --- | 2.1 | 7.7 | 0.62 | 3.4 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 11/17/99 | <300 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 05/18/00 | <300 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 11/30/00 | <300 | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-4 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 10/11/03 | <100 | 280 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 05/10/04 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-4 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 11/05/05 | <100 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-4 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-4 | 12/05/06 | <100 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-4 | 05/01/07 | <50 | 250 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-4 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.72 | <10 | <2 | <2 | <2 |
| WCW-4 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.61 | --- | --- | --- | --- |
| WCW-4 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.65 | <10 | <2 | <2 | <2 |
| WCW-4 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.51 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/26/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.64 | <10 | <2 | <2 | <2 |
| WCW-4 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/07/10 | <100 | --- | --- | --- | 130 | <0.50 | --- | --- | --- | <0.50 | 0.89 | <10 | --- | --- | --- |
| WCW-4 | 04/13/11 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.7 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/14/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.62 | <10 | <2 | <2 | <2 |
| WCW-4 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.59 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.53 | <10 | <2 | <2 | <2 |
| WCW-4 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 04/14/16 | <50 | --- | <100 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 04/18/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-4 | 10/30/19 | <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-4 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-4 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-4 | 11/03/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-5 | 11/22/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-5 | 07/08/97 | <100 | --- | <500 | --- | --- | <0.50 | 7.7 | <0.50 | 1.4 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-5 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | 0.7 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 05/19/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 05/05/99 | <500 | --- | <500 | --- | --- | 10 | 43 | 3.8 | 21 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-5 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 10/11/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 05/10/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-5 | 05/06/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 12/05/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 05/01/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-5 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/26/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/07/10 | <100 | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| WCW-5 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/14/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-5 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/08/13 | <50 | --- | 130 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-5 | 10/31/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-5 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-5 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-5 | 11/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-6 | 11/22/96 | 230 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | 220 | 24 | --- | --- | --- | --- |
| WCW-6 | 07/15/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 65 | 10 | --- | --- | --- | --- |
| WCW-6 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | 159 | 3 | --- | --- | --- | --- |
| WCW-6 | 05/26/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 83 | 2 | --- | --- | --- | --- |
| WCW-6 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 46 | 1.8 | --- | --- | --- | --- |
| WCW-6 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 53 | 0.68 | --- | --- | --- | --- |
| WCW-6 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 11 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 0.7 | --- | --- | --- | --- |
| WCW-6 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.7 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.7 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.7 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.7 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|-------|---------------------|---------------------|---------|---------|--------------|------------|---------------|-------------|-----------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-6 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-6 | 04/10/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.4 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 10/11/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.93 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 05/10/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.64 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 12/05/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 05/02/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-6 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/26/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 05/24/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/07/10 | <100 | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| WCW-6 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.69 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/13/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 0.28 J | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-6 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-6 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.54 | <0.50 | 23 | <1 | <1 | <1 |
| WCW-6 | 10/30/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 0.64 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-6 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.0 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-6 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.0 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-6 | 11/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.0 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-7 | 11/22/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | 31 | <5 | --- | --- | --- | --- |
| WCW-7 | 07/15/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-7 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | 30 | <0.50 | --- | --- | --- | --- |
| WCW-7 | 05/23/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | 30 | <0.50 | --- | --- | --- | --- |
| WCW-7 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 35 | <0.50 | --- | --- | --- | --- |
| WCW-7 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 45 | <0.50 | --- | --- | --- | --- |
| WCW-7 | 11/18/99 | <300 | 190 | --- | --- | --- | <0.50 | <1 | <0.50 | 0.6 | 62 | 1.3 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|------------|------------|-------|---------------------|---------------------|---------|---------|--------------|---------|------------|-------------|-----------|------------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-7 | 05/16/00 | <300 | 420 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 120 | 6.4 | --- | --- | --- | --- |
| WCW-7 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 83 | 6 | --- | --- | --- | --- |
| WCW-7 | 02/05/01 | <300 | 230 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 95 | 6.1 | --- | --- | --- | --- |
| WCW-7 | 05/10/01 | <300 | 180 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 91 | 9.3 | --- | --- | --- | --- |
| WCW-7 | 09/18/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 140 | 12 | --- | --- | --- | --- |
| WCW-7 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 91 | 11 | --- | --- | --- | --- |
| WCW-7 | 01/30/02 | <300 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 84 | 8.8 | --- | --- | --- | --- |
| WCW-7 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 66 | 8.4 | --- | --- | --- | --- |
| WCW-7 | 07/30/02 | <300 | 260 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 74 | 8.6 | --- | --- | --- | --- |
| WCW-7 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | 78 | 9.3 | --- | --- | --- | --- |
| WCW-7 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 80 | 7.3 | --- | --- | --- | --- |
| WCW-7 | 04/10/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 69 | 6.8 | --- | --- | --- | --- |
| WCW-7 | 07/30/03 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 69 | 7.6 | --- | --- | --- | --- |
| WCW-7 | 10/11/03 | <100 | 260 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 84 | 9.4 | --- | --- | --- | --- |
| WCW-7 | 01/28/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 100 | 10 | --- | --- | --- | --- |
| WCW-7 | 05/10/04 | <100 | 170 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 73 | 6.7 | --- | --- | --- | --- |
| WCW-7 | 07/20/04 | 140 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 110 | 9 | --- | --- | --- | --- |
| WCW-7 | 11/03/04 | <100 | 330 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 84 | 11 | 51 | 29 | <2 | <2 |
| WCW-7 | 02/03/05 | 72 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 91 | 8.8 | --- | --- | --- | --- |
| WCW-7 | 05/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 83 | 6.9 | --- | --- | --- | --- |
| WCW-7 | 08/03/05 | 53 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 49 | 14 | --- | --- | --- | --- |
| WCW-7 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 6.7 | <10 | 2.2 | <2 | <2 |
| WCW-7 | 02/28/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 2.5 | 0.84 | --- | --- | --- | --- |
| WCW-7 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6 | 2.5 | --- | --- | --- | --- |
| WCW-7 | 09/20/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 33 | 7.2 | --- | --- | --- | --- |
| WCW-7 | 12/05/06 | <100 | 210 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 36 | 8 | <10 | 4.8 | <2 | <2 |
| WCW-7 | 03/13/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 32 | 5.4 | --- | --- | --- | --- |
| WCW-7 | 05/02/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 49 | 6.4 | --- | --- | --- | --- |
| WCW-7 | 08/28/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 56 | 7.1 | --- | --- | --- | --- |
| WCW-7 | 11/14/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 50 | 6.5 | <10 | 9.2 | <2 | <2 |
| WCW-7 | 02/21/08 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 43 | 5.9 | --- | --- | --- | --- |
| WCW-7 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 54 | 5.9 | --- | --- | --- | --- |
| WCW-7 | 08/13/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 55 | 5.3 | --- | --- | --- | --- |
| WCW-7 | 10/17/08 | <100 | --- | --- | --- | 100 | <0.50 | <0.50 | <0.50 | <0.50 | 45 | 5.4 | <10 | 12 | <2 | <2 |
| WCW-7 | 02/24/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 40 | 2.4 | <10 | --- | --- | --- |
| WCW-7 | 04/22/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 40 | 2.8 | <10 | 6.6 | <1 | <1 |
| WCW-7 | 07/21/09 | <50 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 31 | 1.9 | <10 | 5.6 | <1 | <1 |
| WCW-7 | 10/26/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | 40 | 1.8 | <10 | 3.7 | <2 | <2 |
| WCW-7 | 03/15/10 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 30 | 1.8 | <10 | 4 | <1 | <1 |
| WCW-7 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 1.2 | <10 | 3.3 | <1 | <1 |
| WCW-7 | 07/13/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 20 | 1.6 | <10 | 3.4 | <1 | <1 |
| WCW-7 | 10/07/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 26 | 1.7 | <10 | 3.9 | <1 | <1 |
| WCW-7 | 01/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 25 | 1.4 | <10 | 3.3 | <1 | <1 |
| WCW-7 | 04/13/11 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 23 | 1.4 | <10 | 3.9 | <1 | <1 |
| WCW-7 | 07/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 1.2 | <10 | 2.6 | <1 | <1 |
| WCW-7 | 10/12/11 | <500 | 120 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 21 | 1 | <10 | 2.2 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|--------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-7 | 01/09/12 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 1.1 | <10 | 2.1 | <1 | <1 |
| WCW-7 | 04/18/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 18 | 0.98 | <10 | 2.2 | <1 | <1 |
| WCW-7 | 07/10/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 16 | 0.84 | <10 | 2.1 | <1 | <1 |
| WCW-7 | 10/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 9.2 | 0.56 | <10 | 1.5 | <1 | <1 |
| WCW-7 | 01/14/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 18 | 1.2 | <10 | 1.8 | <1 | <1 |
| WCW-7 | 04/10/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 19 | 0.61 | <10 | 1.3 | <1 | <1 |
| WCW-7 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 11 | 0.6 | <10 | 1.4 | <1 | <1 |
| WCW-7 | 04/17/14 | 61 | --- | 64 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.4 | 0.73 | <10 | 1.7 | <1 | <1 |
| WCW-7 | 10/28/14 | <100 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.5 | 0.51 | <10 | 1.2 | <1 | <1 |
| WCW-7 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.6 | <0.50 | <10 | 1.1 | <1 | <1 |
| WCW-7 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.2 | 0.74 | <10 | 1.9 | <1 | <1 |
| WCW-7 | 04/14/16 | <100 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 7.7 | 0.82 | <10 | 2.2 | <1 | <1 |
| WCW-7 | 10/05/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-7 | 10/06/17 | <50 | --- | 120 CL | --- | --- | 1.2 | <0.50 | <0.50 | <0.50 | 4.8 | <0.50 | <10 | 1.2 | <1 | <1 |
| WCW-7 | 04/17/18 | <50 | --- | 86 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5.2 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-7 | 11/06/18 | <50 | --- | 110 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 5 | <0.50 | <10 | 1.1 | <1 | <1 |
| WCW-7 | 04/17/19 | <50 | --- | 290 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 14 | 2.4 | <10 | 5.6 | <1 | <1 |
| WCW-7 | 10/31/19 | <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 | <50 | --- | 95 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.7 | 1.0 | <10 | 1.9 | <1.0 | <1.0 |
| WCW-7 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 6.4 | 1.6 | <10 | 2.7 | <1.0 | <1.0 |
| WCW-8 | 11/22/96 | 84 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | 0.5 | <5 | --- | --- | --- | --- |
| WCW-8 | 07/15/97 | <100 | --- | 1700 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-8 | 01/05/98 | <500 | --- | <100 | 1300 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 05/26/98 | <300 | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 11/03/98 | <300 | 2590 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 11/18/99 | <300 | 1100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 05/16/00 | <300 | 1500 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.8 | 120 | --- | --- | --- | --- |
| WCW-8 | 08/28/00 | <300 | 1100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.7 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 11/30/00 | <300 | 790 | --- | --- | --- | 0.9 | <0.50 | <0.50 | 0.8 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 02/05/01 | <300 | 940 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 05/09/01 | <300 | 520 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 09/18/01 | <300 | 380 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 11/08/01 | <300 | 220 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 01/30/02 | <300 | 530 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 04/11/02 | <300 | 470 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 10/24/02 | <300 | 360 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-8 | 04/10/03 | 61 | 270 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 10/11/03 | <100 | 430 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 05/10/04 | 55 | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-8 | 05/05/05 | <50 | 100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 11/05/05 | <100 | 210 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-8 | 05/05/06 | <50 | 110 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-8 | 12/05/06 | <100 | 450 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-8 | 05/02/07 | <50 | 160 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|------------|-------|---------------------|---------------------|------------|------------|--------------|------------|---------|-------------|--------------|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-8 | 11/14/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-8 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | --- | --- | --- | --- |
| WCW-8 | 10/17/08 | <100 | --- | --- | --- | 230 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <2 | <2 | <2 |
| WCW-8 | 04/21/09 | <50 | 210 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.59 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/26/09 | <100 | --- | --- | --- | 200 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 1.1 | <10 | <2 | <2 | <2 |
| WCW-8 | 05/27/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/07/10 | <100 | --- | --- | --- | 200 | <0.50 | --- | --- | --- | <0.50 | 0.9 | 3.7 J | --- | --- | --- |
| WCW-8 | 04/13/11 | <50 | 130 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.96 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/14/11 | --- | --- | --- | --- | 170 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.92 | <10 | <2 | <2 | <2 |
| WCW-8 | 04/19/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | 0.89 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/18/12 | --- | --- | --- | --- | 130 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-8 | 04/11/13 | <100 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 04/13/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-8 | 10/31/19 | <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 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-8 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-8 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-8 | 11/03/21 | <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 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-9 | 07/08/97 | <100 | --- | <500 | --- | --- | <0.50 | 1.1 | <0.50 | 1.1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-9 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 05/19/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 11/03/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 11/18/99 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 05/16/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 11/30/00 | <300 | <100 | --- | --- | --- | 0.6 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-9 | 04/11/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 11/25/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-10 | 07/08/97 | <100 | --- | <500 | --- | --- | <0.50 | 2.2 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-10 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 05/19/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 11/04/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|-------------|-------|---------------------|---------------------|------------|------------|--------------|------------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-10 | 05/05/99 | <500 | --- | <500 | --- | --- | <0.50 | 0.8 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | 0.8 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 05/19/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 11/30/00 | <300 | <100 | --- | --- | --- | 1 | <0.50 | <0.50 | 0.7 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 05/10/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-10 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 11/25/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-11 | 07/08/97 | <100 | --- | <500 | --- | --- | <0.50 | 2.5 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-11 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 05/18/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 11/03/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 05/06/99 | <500 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 11/30/00 | <300 | <100 | --- | --- | --- | 0.8 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-11 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/25/96 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-12 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | 2.5 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-12 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 05/18/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/03/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 05/06/99 | <500 | --- | <500 | --- | --- | 1.4 | 5.3 | <0.50 | 2.3 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-12 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 05/10/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/03/04 | <100 | 3600 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 03/02/05 | <100 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | --- | <1 | --- | --- | --- | --- |
| WCW-12 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 12/08/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 05/01/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-12 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/27/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|-------------|------------|--------------|-------------|------------|------------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-12 | 05/24/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/07/10 | <100 | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| WCW-12 | 04/11/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/14/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-12 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/08/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 04/22/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-12 | 10/30/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| 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-12 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-12 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-12 | 11/03/21 | <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 | <50 | --- | <500 | <500 | --- | <0.50 | <0.50 | <0.50 | <1.5 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-13 | 07/09/97 | <100 | --- | <500 | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <5 | --- | --- | --- | --- |
| WCW-13 | 01/05/98 | <500 | --- | <100 | <100 | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 05/18/98 | --- | --- | --- | --- | --- | <0.50 | <0.50 | <0.50 | <1 | <0.50 | 1.4 | --- | --- | --- | --- |
| WCW-13 | 11/03/98 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 05/06/99 | <500 | --- | <500 | --- | --- | 0.88 | 3.1 | <0.50 | 0.87 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.8 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 08/28/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 11/30/00 | <300 | <100 | --- | --- | --- | 0.6 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 02/05/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 0.6 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 09/18/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 01/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 07/30/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-13 | 01/28/03 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 07/30/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-13 | 01/28/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |

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

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

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-13 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-13 | 11/07/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-13 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-13 | 10/30/19 | <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-13 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-13 | 05/04/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-13 | 11/03/21 | <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 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | 1.5 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 05/06/99 | <500 | --- | <500 | --- | --- | 1.8 | 6.6 | 0.55 | 3 | <1 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 11/17/99 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 05/18/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 11/30/00 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 05/09/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 11/08/01 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 04/09/02 | <300 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 10/24/02 | <300 | <100 | --- | --- | --- | <0.50 | <1 | <1 | <1 | <0.50 | <1 | --- | --- | --- | --- |
| WCW-14 | 04/09/03 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 05/10/04 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 11/03/04 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 05/05/05 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 11/05/05 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 05/05/06 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 12/08/06 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 05/01/07 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 11/13/07 | <100 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 04/18/08 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | --- | --- | --- | --- |
| WCW-14 | 10/17/08 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 04/21/09 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/27/09 | <100 | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 05/25/10 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/07/10 | <100 | --- | --- | --- | <100 | <0.50 | --- | --- | --- | <0.50 | <0.50 | <10 | --- | --- | --- |
| WCW-14 | 04/12/11 | <50 | <100 | --- | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/14/11 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 04/17/12 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/18/12 | --- | --- | --- | --- | <100 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <2 | <2 | <2 |
| WCW-14 | 04/09/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/08/13 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/15/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/28/14 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/23/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/21/15 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |

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

| Results reported in micrograms per liter (µg/L) | | | | | | | | | | | | | | | | |
|---|----------|-------|--------|-------|---------------------|---------------------|---------|---------|--------------|---------|---------|-------|-----|------|------|------|
| Well | Date | TPH-g | TPH-fp | TPH-d | TPH-jp ₄ | TPH-jp ₅ | Benzene | Toluene | Ethylbenzene | Xylenes | 1,2-DCA | MTBE | TBA | DIPE | ETBE | TAME |
| WCW-14 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/12/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/04/16 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/19/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/03/17 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/17/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 11/06/18 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 04/17/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1 | <1 | <1 |
| WCW-14 | 10/30/19 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-14 | 10/30/19 | <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 |
| 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 |
| WCW-14 | 11/03/20 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-14 | 05/05/21 | <50 | --- | <50 | --- | --- | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <0.50 | <10 | <1.0 | <1.0 | <1.0 |
| WCW-14 | 11/03/21 | <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

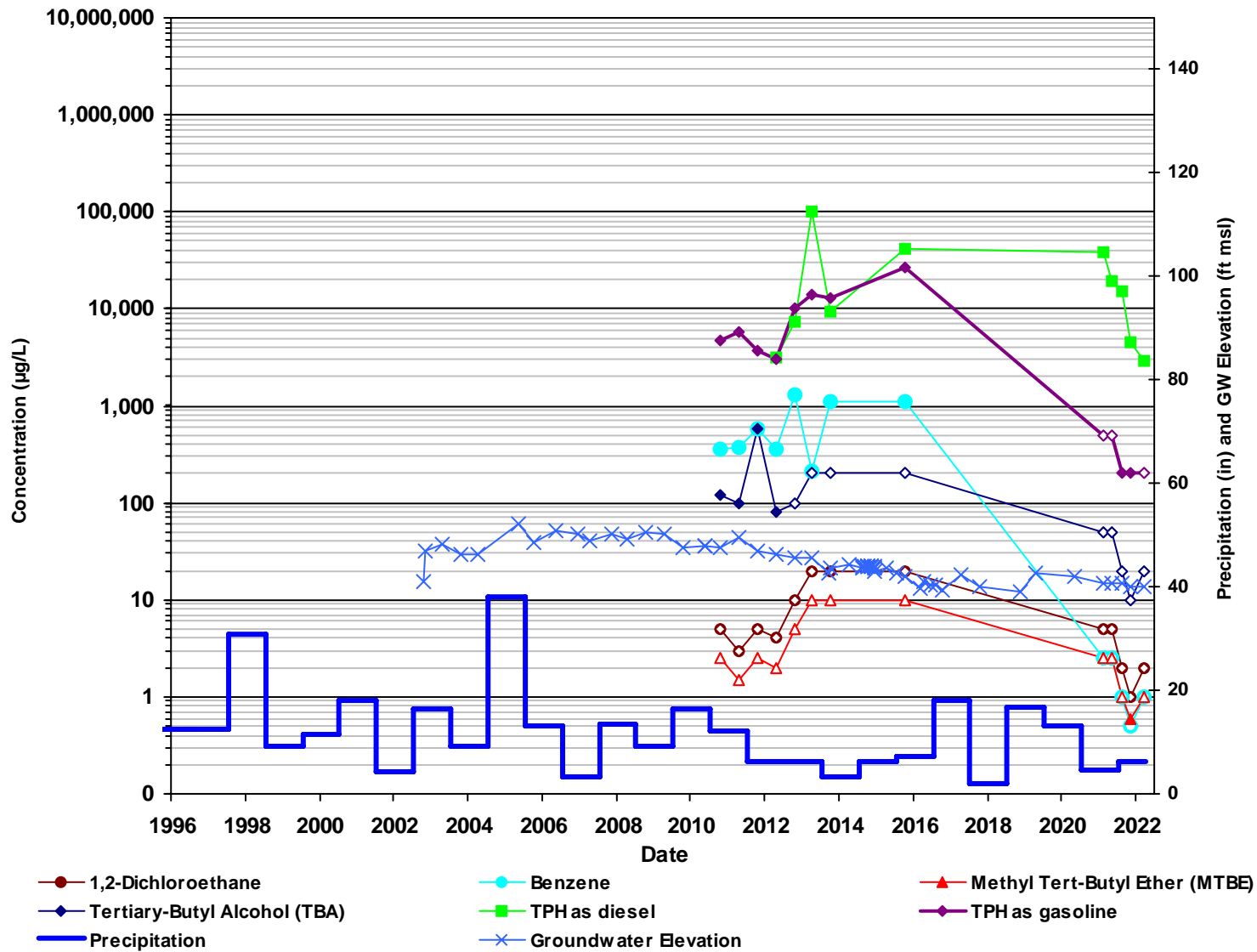
--- = not analyzed

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.

Attachment E
Time Series Charts for
Select Monitoring and Remediation Wells

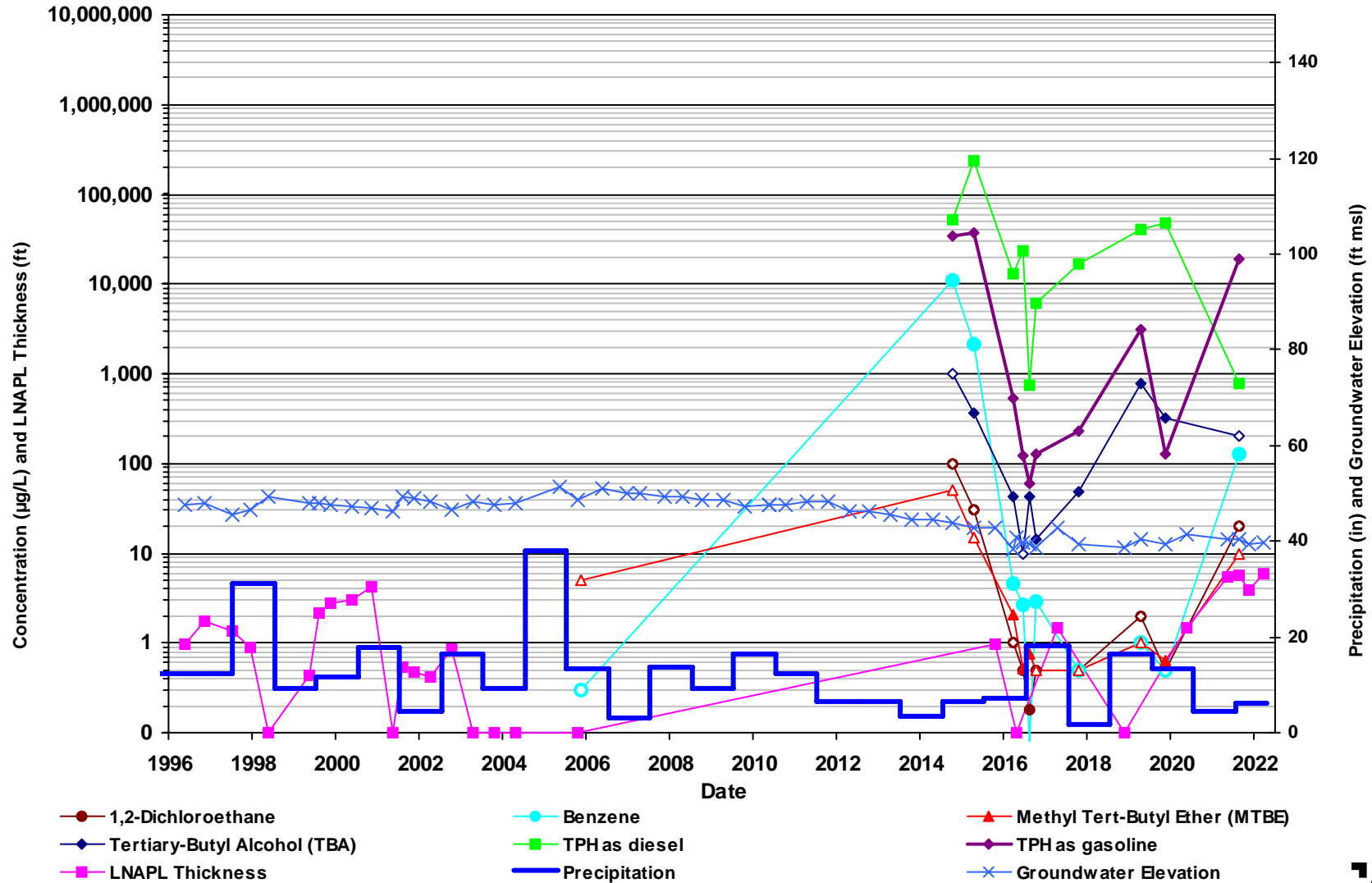
GMW-10



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/>

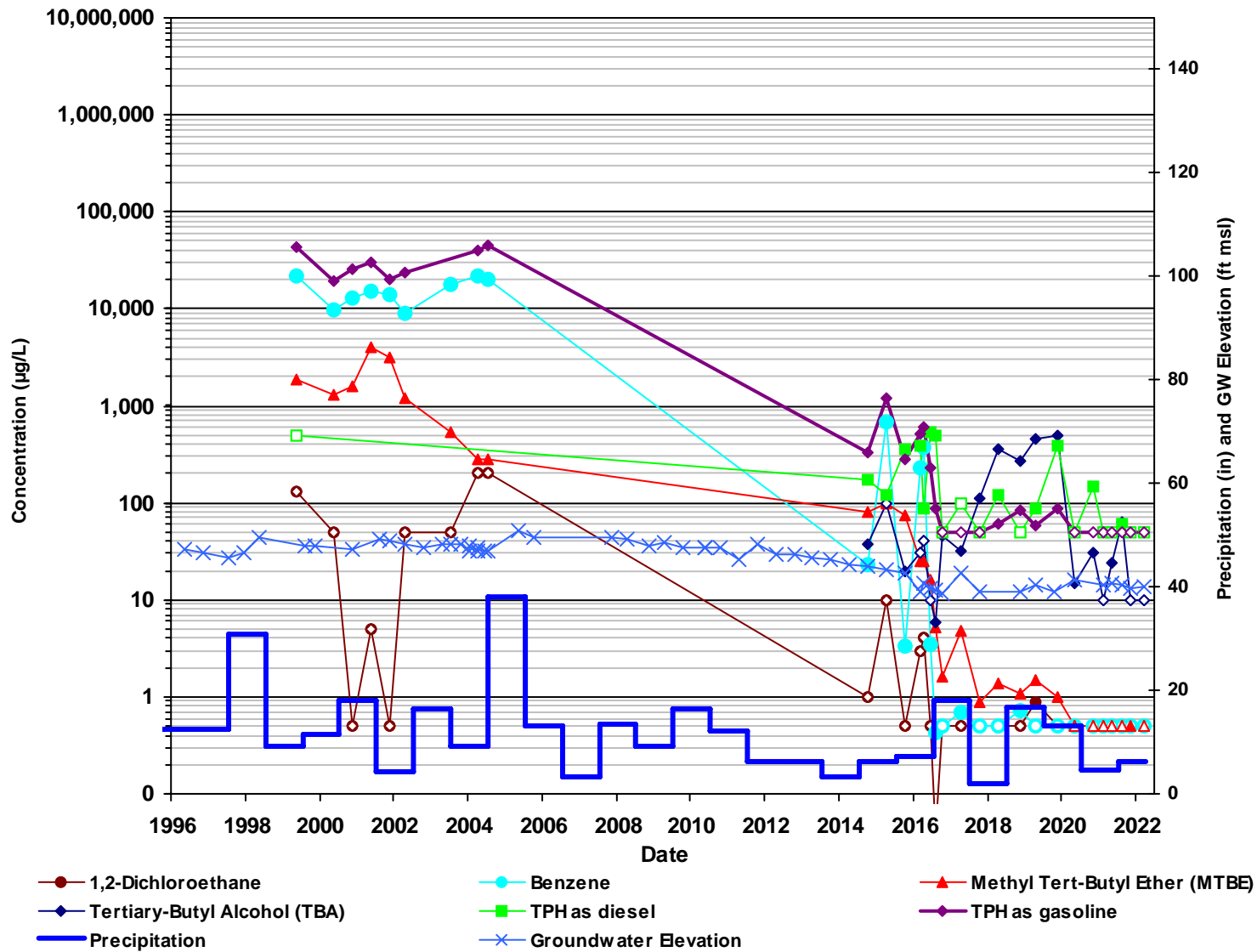
GMW-23



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/>

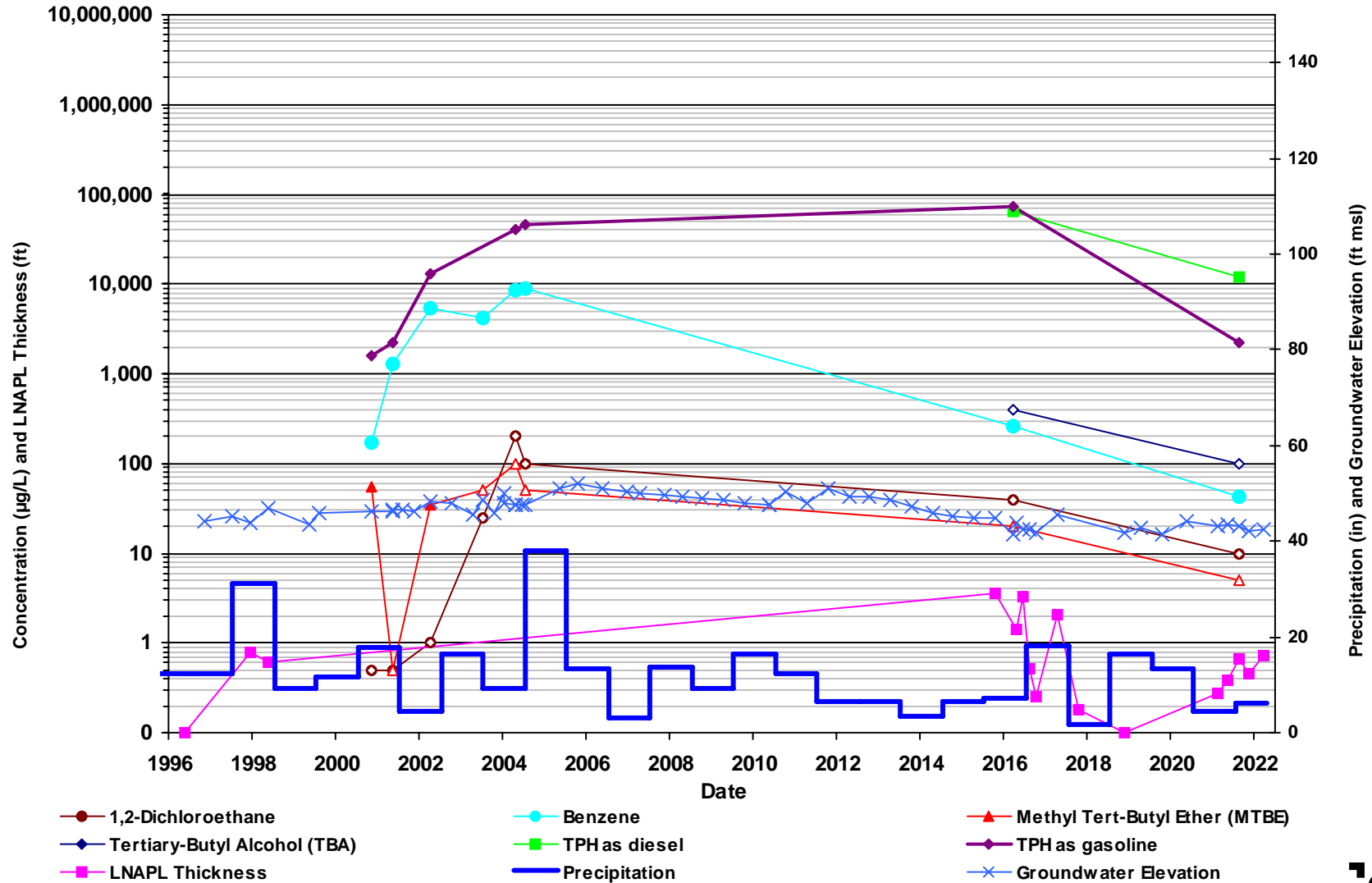
GMW-28



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/>

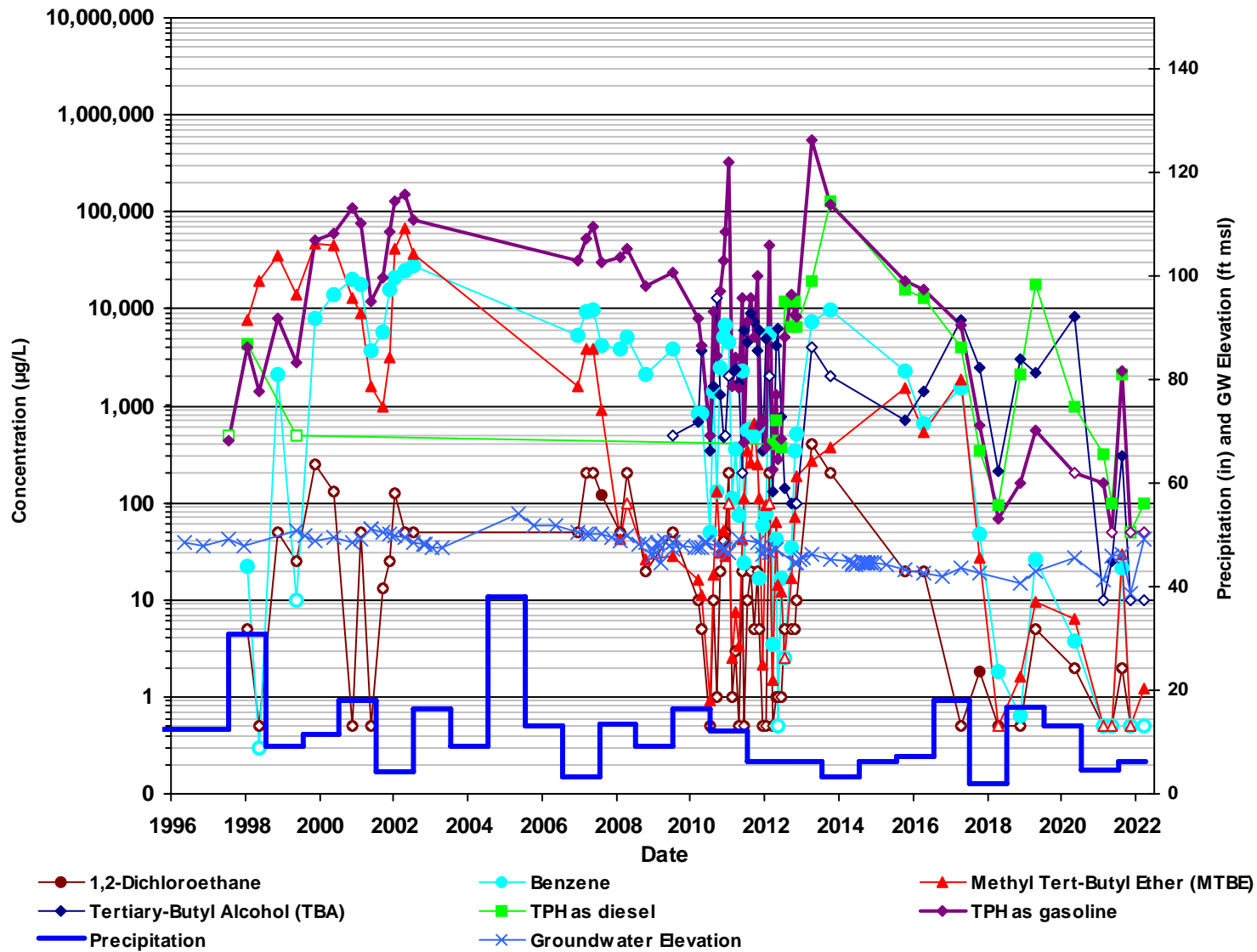
GMW-29



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-36

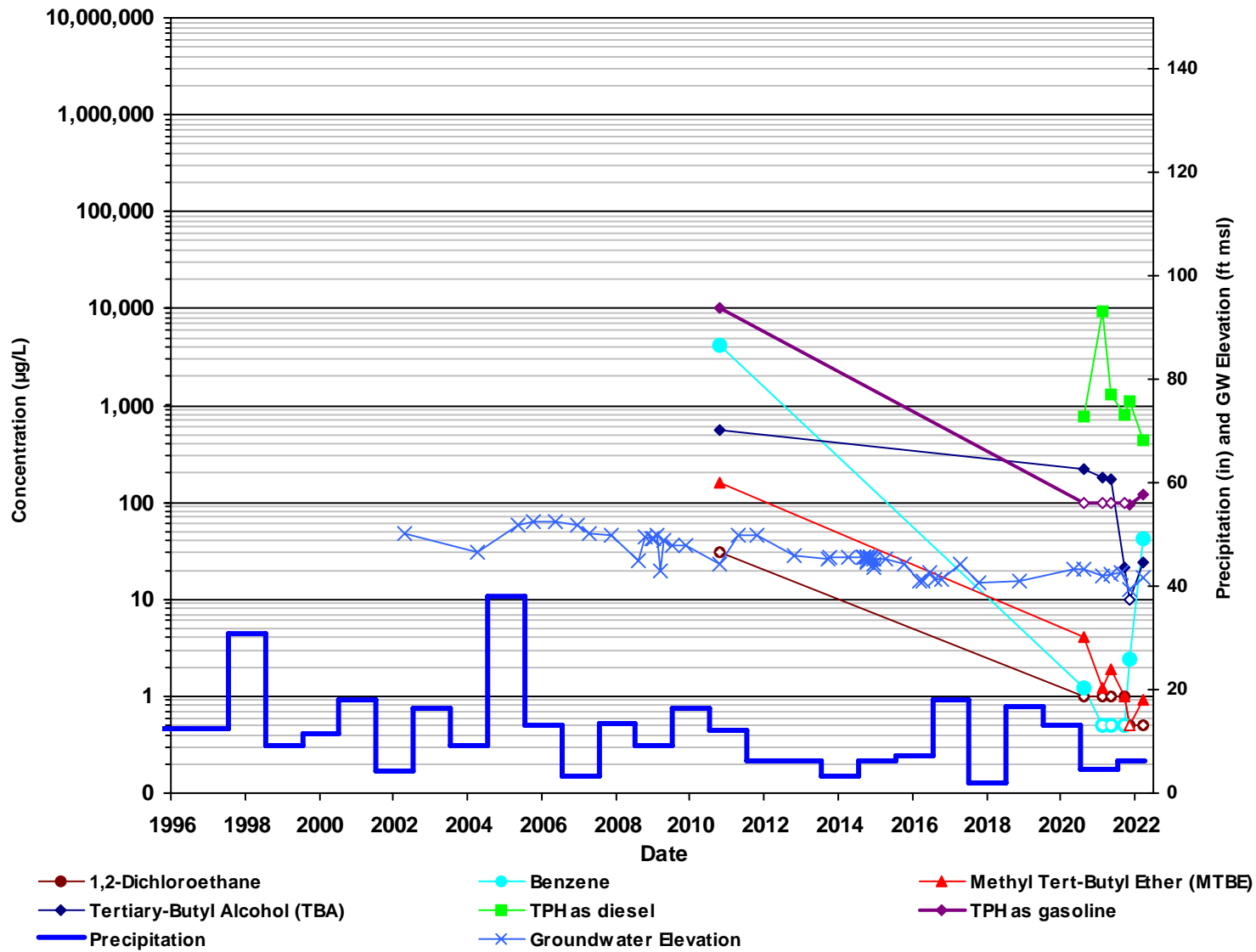


Jacobs

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/>

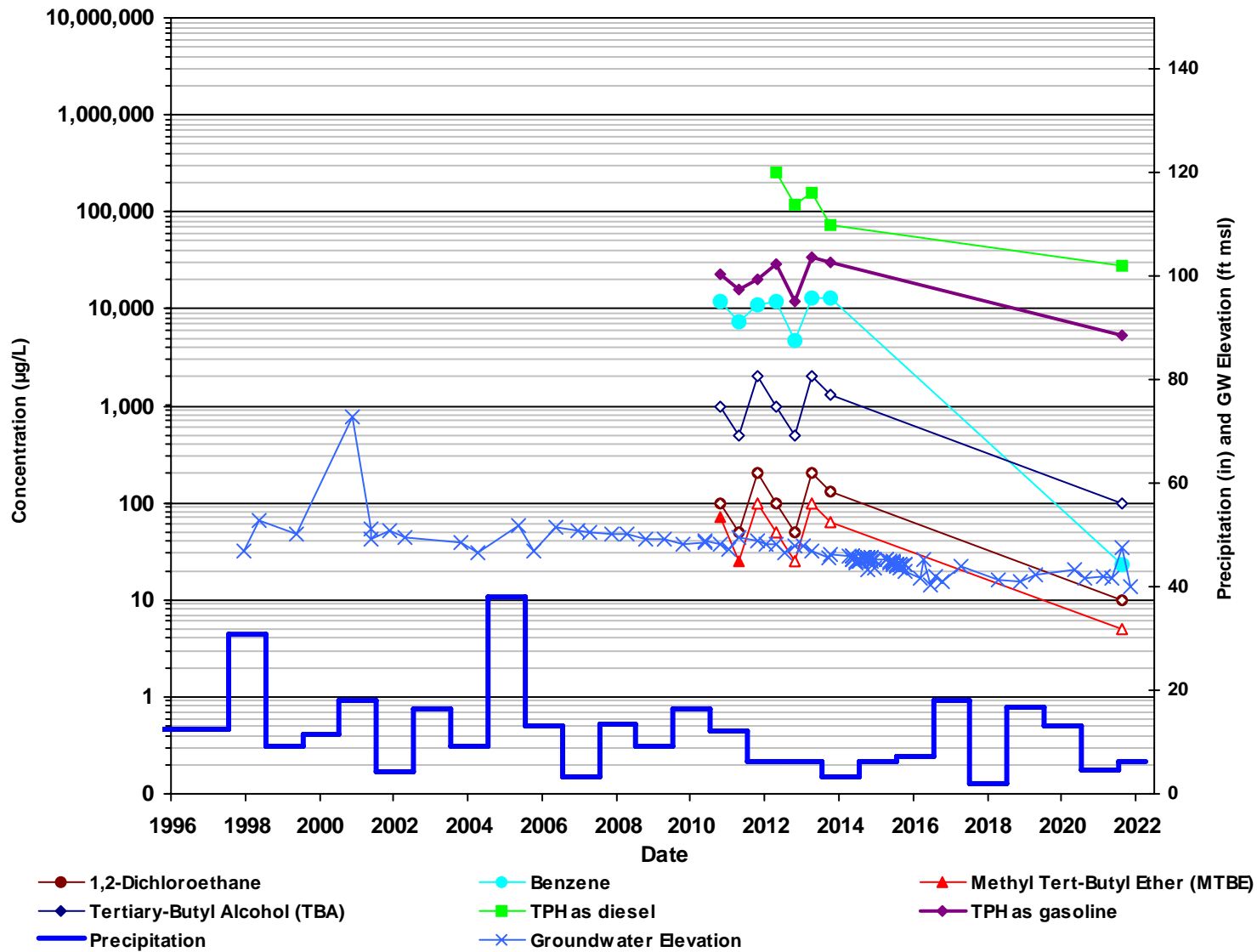
GMW-O-11



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/>

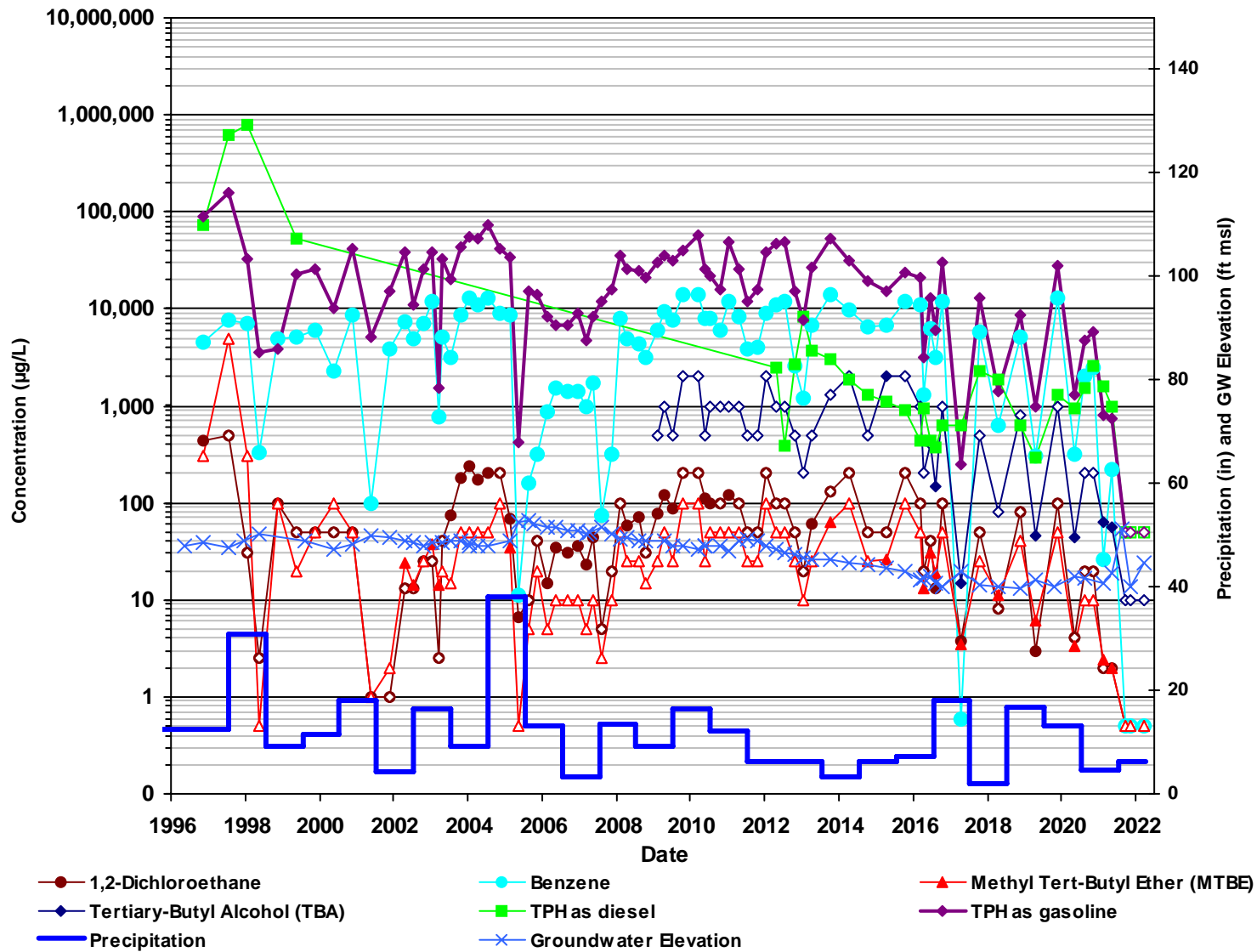
GMW-O-12



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/>

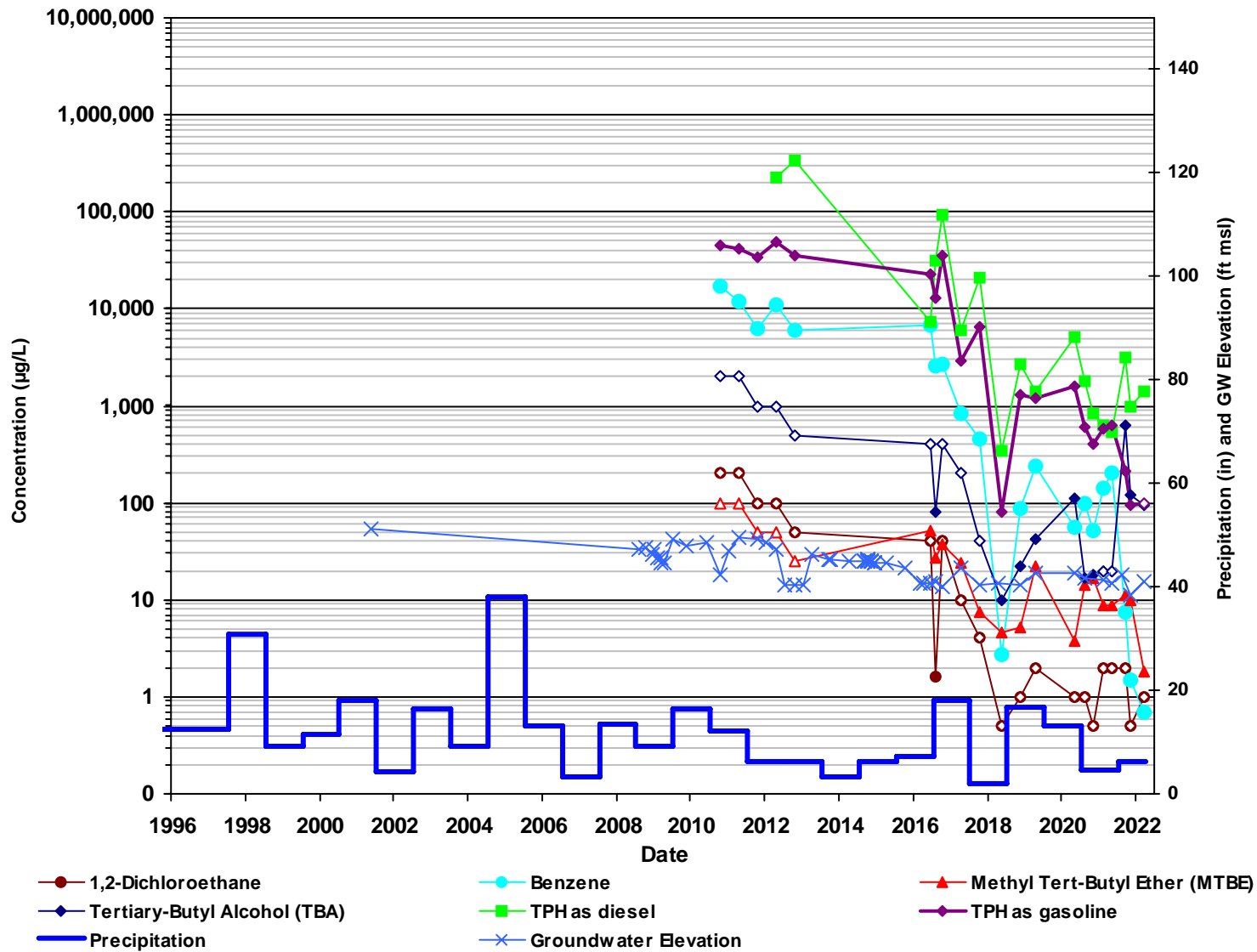
GMW-O-14



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/>

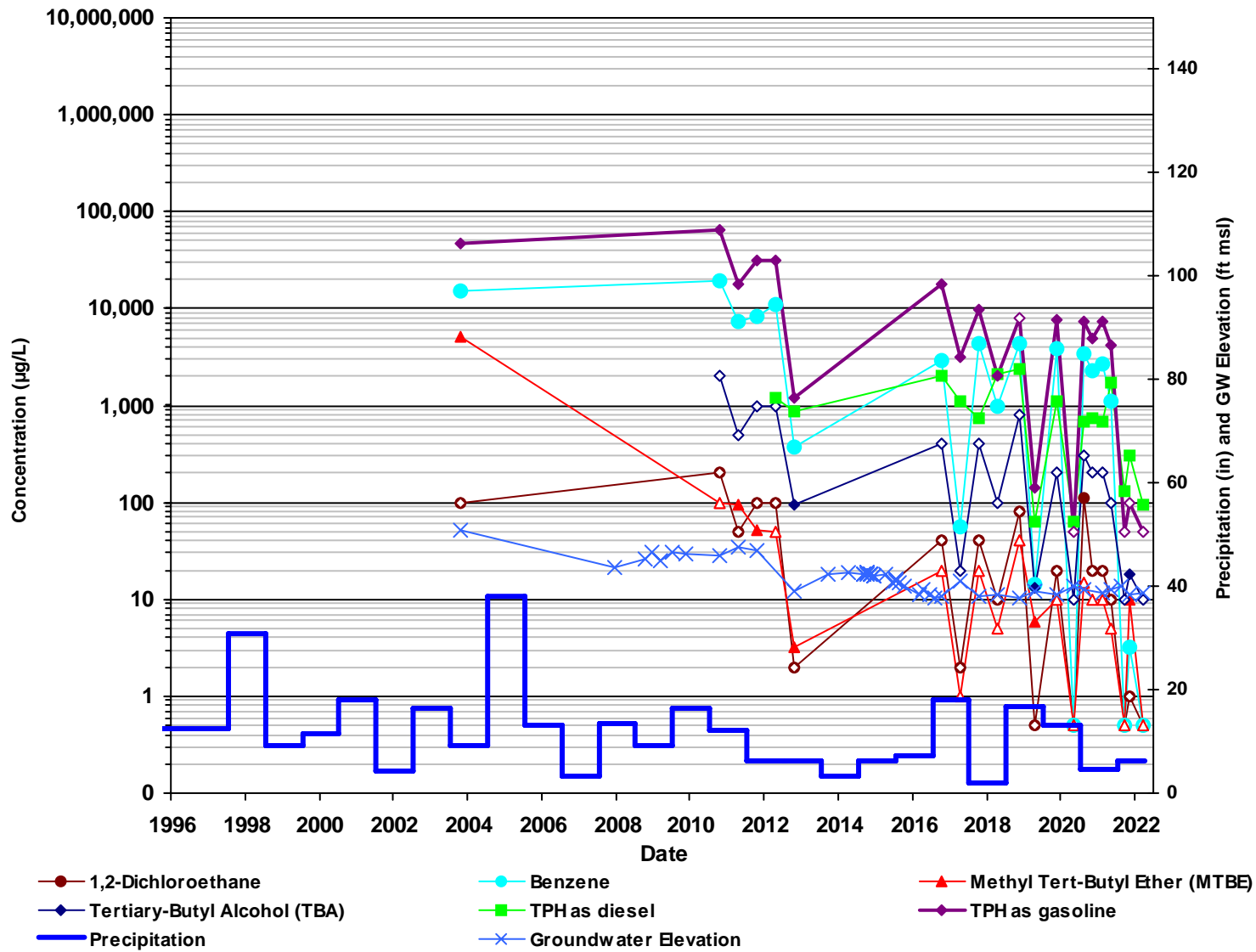
GMW-O-20



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/>

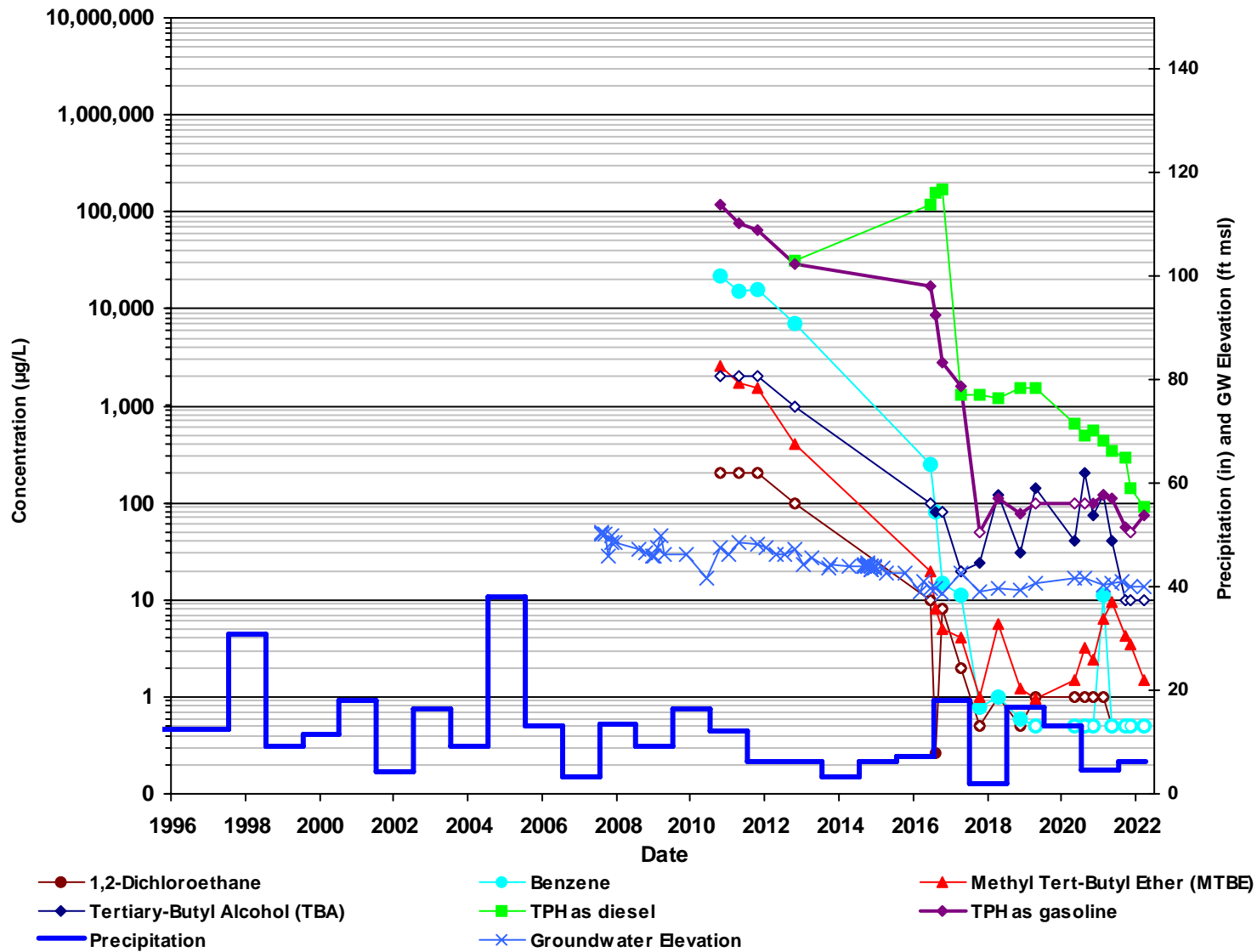
GMW-O-21



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/>

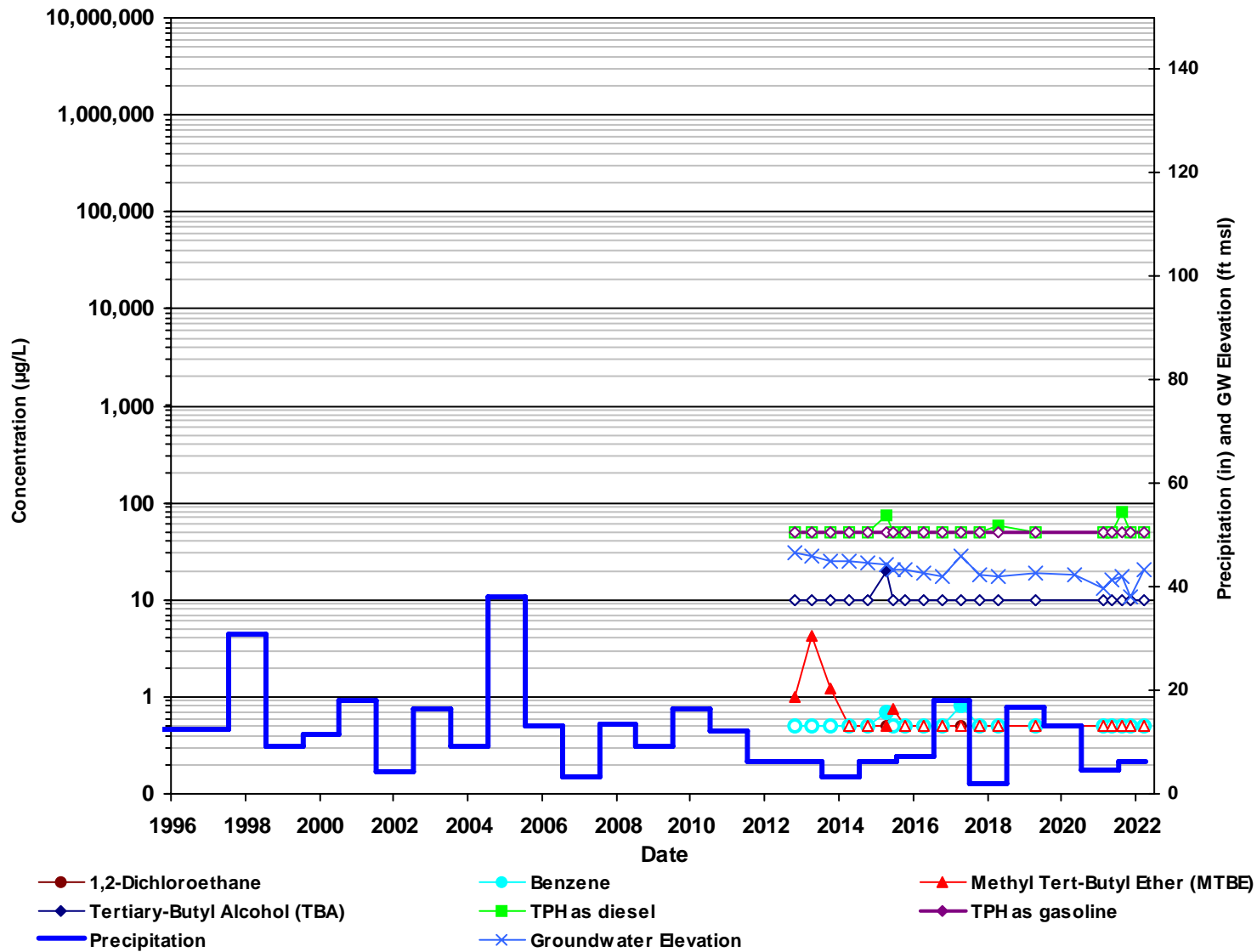
GMW-O-23



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/>

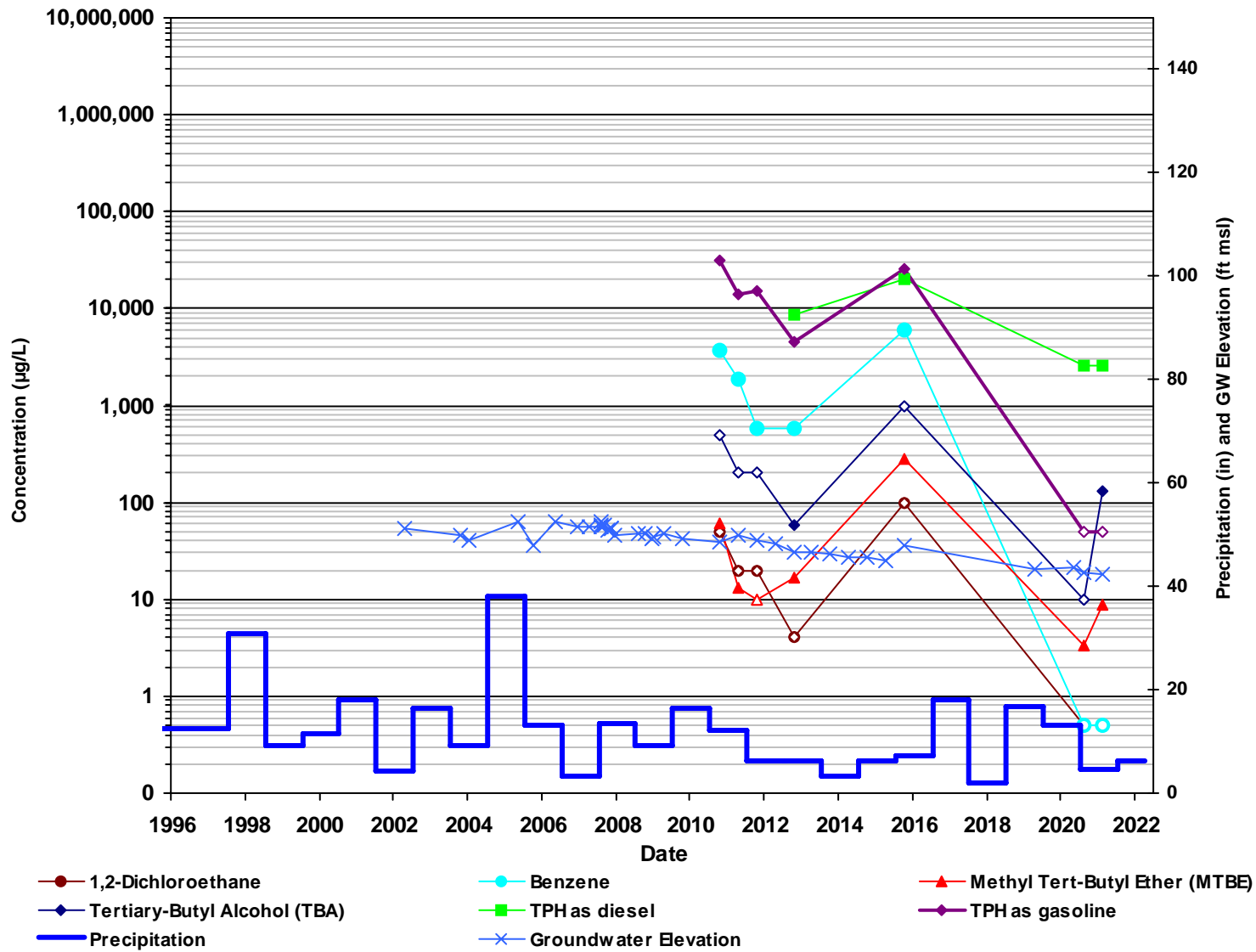
GMW-O-24



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/>

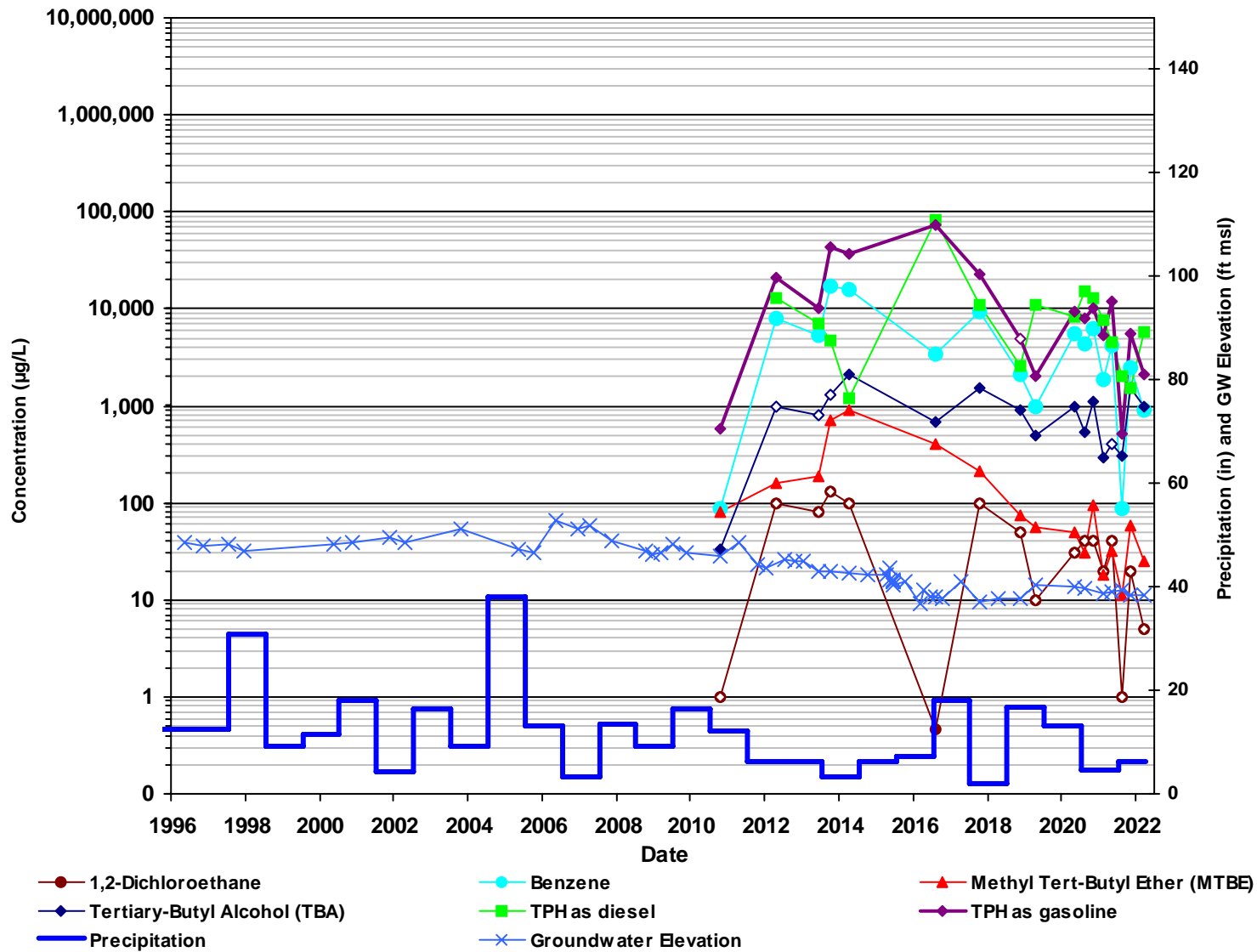
MW-O-1



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/>

MW-O-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/>

Attachment F
Statistical Trend Analyses Summary Tables
(TPH-g and Benzene)

Attachment F. Statistical Trend Results (TPH-g and Benzene)

SFPP Norwalk Pump Station, Norwalk, California

| Mann-Kendall TestData Preparation | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|-------|-----|-----|---------|---------|---------|---------|---------|------------|--------|------------|--------|-----------|----------|------|-------------|------------|---------------|------------|
| Location | Analyte | COUNT | DET | CEN | PER.DET | MIN.CEN | MAX.CEN | MIN.DET | MAX.DET | MEAN | MEDIAN | SD | CV | LASTVALUE | LASTDATE | S | PVAL | SLOPE | RESULT | TREND |
| BW-1 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | May-1997 | IS | IS | IS | IS | IS |
| BW-2 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | May-1997 | IS | IS | IS | IS | IS |
| BW-3 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | May-1997 | IS | IS | IS | IS | IS |
| BW-4 | TPHg | 1 | 1 | 0 | 100 | --- | --- | 960 | 960 | 960 | 960 | --- | --- | 960 | May-1997 | IS | IS | IS | IS | IS |
| BW-5 | TPHg | 1 | 1 | 0 | 100 | --- | --- | 150 | 150 | 150 | 150 | --- | --- | 150 | May-1997 | IS | IS | IS | IS | IS |
| BW-6 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | May-1997 | IS | IS | IS | IS | IS |
| BW-7 | TPHg | 1 | 1 | 0 | 100 | --- | --- | 200 | 200 | 200 | 200 | --- | --- | 200 | May-1997 | IS | IS | IS | IS | IS |
| BW-8 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | May-1997 | IS | IS | IS | IS | IS |
| BW-9 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | May-1997 | IS | IS | IS | IS | IS |
| EXP-1 | TPHg | 134 | 2 | 132 | 1.49 | 50 | 500 | 82 | 200 | 51.9674 | 100 | 15.1964 | 0.2924 | ND (100) | Nov-2021 | -175 | 0.055207532 | --- | 94.5% (-) | No Trend |
| EXP-2 | TPHg | 135 | 2 | 133 | 1.48 | 50 | 500 | 72 | 120 | 51.0254 | 100 | 7.3573 | 0.1442 | ND (100) | Nov-2021 | -169 | 0.063030072 | --- | 93.7% (-) | No Trend |
| EXP-3 | TPHg | 136 | 1 | 135 | 0.74 | 50 | 500 | 120 | 120 | 127.7206 | 100 | 107.7856 | 0.8439 | ND (100) | Nov-2021 | -45 | 0.287608594 | --- | 71.2% (-) | No Trend |
| EXP-4 | TPHg | 54 | 0 | 54 | 0 | 50 | 500 | --- | --- | 167.5926 | 50 | 144.7696 | 0.8638 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| EXP-5 | TPHg | 84 | 0 | 84 | 0 | 50 | 500 | --- | --- | 131.5476 | 50 | 130.9787 | 0.9957 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GB-21 | TPHg | 2 | 0 | 2 | 0 | 50 | 50 | --- | --- | 50 | 50 | 0 | 0 | ND (50) | Jan-2011 | IS | IS | IS | IS | IS |
| GB-22 | TPHg | 2 | 0 | 2 | 0 | 50 | 50 | --- | --- | 50 | 50 | 0 | 0 | ND (50) | Jan-2011 | IS | IS | IS | IS | IS |
| GB-23 | TPHg | 2 | 0 | 2 | 0 | 50 | 100 | --- | --- | 75 | 75 | 35.3553 | 0.4714 | ND (100) | Jan-2011 | IS | IS | IS | IS | IS |
| GMW-1 | TPHg | 55 | 35 | 20 | 63.64 | 50 | 1000 | 55 | 68000 | 4039.6804 | 500 | 10058.7551 | 2.49 | ND (50) | May-2020 | -673 | 2.78E-07 | -195.0343 | 100% (sig -) | Decreasing |
| GMW-10 | TPHg | 13 | 10 | 3 | 76.92 | 200 | 500 | 200 | 27000 | 6323.0769 | 3700 | 7609.0183 | 1.2034 | ND (200) | Mar-2022 | -22 | 0.102 | --- | 89.8% (-) | No Trend |
| GMW-11 | TPHg | 12 | 8 | 4 | 66.67 | 100 | 300 | 220 | 42400 | 4910 | 995 | 11444.27 | 2.3308 | ND (100) | Apr-2016 | -38 | 0.004 | -654.7932 | 99.6% (sig -) | Decreasing |
| GMW-12 | TPHg | 41 | 2 | 39 | 4.88 | 50 | 500 | 99 | 110 | 75.6833 | 100 | 24.9169 | 0.3292 | ND (100) | Nov-2021 | -77 | 0.010757798 | 0 | 98.9% (sig -) | Decreasing |
| GMW-13 | TPHg | 51 | 1 | 50 | 1.96 | 50 | 500 | 1300 | 1300 | 129.4118 | 50 | 200.5434 | 1.5497 | ND (50) | Nov-2021 | -50 | 0.048011549 | 0 | 95.2% (sig -) | Decreasing |
| GMW-14 | TPHg | 31 | 10 | 21 | 32.26 | 50 | 500 | 58 | 1500 | 150.7144 | 100 | 270.367 | 1.7939 | ND (100) | Oct-2014 | 34 | 0.289 | --- | 71.1% (+) | No Trend |
| GMW-14R | TPHg | 11 | 0 | 11 | 0 | 50 | 100 | --- | --- | 54.5455 | 50 | 15.0756 | 0.2764 | ND (50) | Nov-2021 | 0 | 0.5313 | --- | 46.9% (+) | No Trend |
| GMW-15 | TPHg | 28 | 11 | 17 | 39.29 | 100 | 300 | 100 | 1900 | 316.6639 | 100 | 416.0696 | 1.3139 | ND (100) | Nov-2021 | -152 | 0.001 | -13.3016 | 99.9% (sig -) | Decreasing |
| GMW-16 | TPHg | 27 | 0 | 27 | 0 | 38 | 500 | --- | --- | 184.7407 | 100 | 119.6882 | 0.6479 | ND (100) | Nov-2021 | 0 | 0.5083 | --- | 49.2% (+) | No Trend |
| GMW-17 | TPHg | 12 | 11 | 1 | 91.67 | 1100 | 1100 | 450 | 49000 | 5355.5556 | 1050 | 13264.0884 | 2.4767 | 510 | Oct-2014 | -19 | 0.1115 | --- | 88.8% (-) | No Trend |
| GMW-17R | TPHg | 9 | 4 | 5 | 44.44 | 100 | 100 | 100 | 1300 | 343.3333 | 100 | 394.5743 | 1.1492 | ND (100) | Nov-2021 | -16 | 0.06 | --- | 94% (-) | No Trend |
| GMW-18 | TPHg | 10 | 6 | 4 | 60 | 100 | 100 | 120 | 15000 | 2430 | 500 | 4380.9793 | 1.8029 | ND (100) | Nov-2021 | -17 | 0.078 | --- | 92.2% (-) | No Trend |
| GMW-19 | TPHg | 28 | 5 | 23 | 17.86 | 50 | 500 | 150 | 3000 | 195.1648 | 190 | 547.7805 | 2.8068 | ND (100) | Nov-2021 | 25 | 0.319 | --- | 68.1% (+) | No Trend |
| GMW-2 | TPHg | 19 | 3 | 16 | 15.79 | 50 | 500 | 91 | 350 | 85.2998 | 300 | 73.5794 | 0.8626 | ND (50) | May-2010 | -1 | 0.5 | --- | 50% (-) | No Trend |
| GMW-20 | TPHg | 16 | 3 | 13 | 18.75 | 100 | 500 | 160 | 1100 | 193.0357 | 300 | 245.9633 | 1.2742 | ND (100) | Apr-2017 | -38 | 0.048 | 0 | 95.2% (sig -) | Decreasing |
| GMW-21 | TPHg | 13 | 5 | 8 | 38.46 | 100 | 100 | 130 | 1500 | 236.9231 | 100 | 368.8315 | 1.5568 | ND (100) | Nov-2021 | -46 | 0.002 | -25.5415 | 99.8% (sig -) | Decreasing |
| GMW-22 | TPHg | 4 | 4 | 0 | 100 | --- | --- | 4100 | 46000 | 27525 | 30000 | 17419.4097 | 0.6329 | 32000 | Oct-2012 | 4 | 0.167 | --- | 83.3% (+) | No Trend |
| GMW-23 | TPHg | 10 | 10 | 0 | 100 | --- | --- | 59 | 37000 | 9430.9 | 385 | 14931.6496 | 1.5833 | 19000 | Aug-2021 | -4 | 0.3975 | --- | 60.2% (-) | No Trend |
| GMW-24 | TPHg | 2 | 2 | 0 | 100 | --- | --- | 58000 | 70000 | 64000 | 64000 | 8485.2814 | 0.1326 | 58000 | Oct-2011 | IS | IS | IS | IS | IS |
| GMW-25 | TPHg | 16 | 11 | 5 | 68.75 | 50 | 20000 | 56 | 15000 | 1949.0788 | 94 | 4569.2657 | 2.3443 | 64 | Nov-2021 | -32 | 0.083 | --- | 91.7% (-) | No Trend |
| GMW-26 | TPHg | 30 | 11 | 19 | 36.67 | 50 | 300 | 62 | 6700 | 537.0833 | 50 | 1291.4461 | 2.4046 | ND (50) | Nov-2021 | -212 | 6.04E-06 | -2.5315 | 100% (sig -) | Decreasing |
| GMW-27 | TPHg | 37 | 29 | 8 | 78.38 | 50 | 100 | 95 | 21000 | 4123.1853 | 3100 | 4832.8864 | 1.1721 | ND (50) | Oct-2014 | -319 | 1.43E-05 | -308.8378 | 100% (sig -) | Decreasing |
| GMW-28 | TPHg | 29 | 19 | 10 | 65.52 | 50 | 50 | 58 | 46000 | 8690.8966 | 88 | 14727.3449 | 1.6946 | ND (50) | Mar-2022 | -281 | 3.90E-08 | -267.0788 | 100% (sig -) | Decreasing |
| GMW-29 | TPHg | 7 | 7 | 0 | 100 | --- | --- | 1600 | 74000 | 25428.5714 | 13000 | 28154.2012 | 1.1072 | 2200 | Aug-2021 | 12 | 0.0515 | --- | 94.8% (+) | No Trend |
| GMW-3 | TPHg | 41 | 1 | 40 | 2.44 | 50 | 500 | 120 | 120 | 126.0976 | 50 | 118.8461 | 0.9425 | ND (50) | Oct-2015 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-30 | TPHg | 11 | 8 | 3 | 72.73 | 50 | 100 | 99 | 14000 | 2385.0303 | 280 | 4464.3901 | 1.8718 | ND (50) | Nov-2020 | -50 | 5.72E-05 | -131.3599 | 100% (sig -) | Decreasing |
| GMW-31 | TPHg | 27 | 3 | 24 | 11.11 | 100 | 500 | 55 | 1100 | 111.2963 | 100 | 213.6178 | 1.9194 | ND (100) | Nov-2021 | -61 | 0.107 | --- | 89.3% (-) | No Trend |
| GMW-32 | TPHg | 16 | 8 | 8 | 50 | 100 | 500 | 63 | 1000 | 300.75 | 300 | 258.0614 | 0.8581 | 290 | Oct-2014 | 10 | 0.345 | --- | 65.5% (+) | No Trend |
| GMW-33 | TPHg | 12 | 0 | 12 | 0 | 38 | 500 | --- | --- | 274 | 300 | 121.7419 | 0.4443 | ND (300) | Apr-2002 | 0 | 0.527 | --- | 47.3% (+) | No Trend |
| GMW-34 | TPHg | 6 | 3 | 3 | 50 | 300 | 300 | 740 | 9500 | 2016.6667 | 520 | 3356.276 | 1.6643 | 960 | Apr-2002 | -4 | 0.2975 | --- | 70.2% (-) | No Trend |
| GMW-35 | TPHg | 1 | 1 | 0 | 100 | --- | --- | 20000 | 20000 | 20000 | 20000 | --- | --- | 20000 | May-2001 | IS | IS | IS | IS | IS |
| GMW-35R | TPHg | 9 | 8 | 1 | 88.89 | 100 | 100 | 160 | 1200 | 407.7778 | 220 | 339.3058 | 0.8321 | 460 | Nov-2021 | 11 | 0.1545 | --- | 84.5% (+) | No Trend |
| GMW-36 | TPHg | 68 | 64 | 4 | 94.12 | 50 | 200 | 68 | 560000 | 35341.7304 | 8200 | 80675.5072 | 2.2827 | ND (50) | Mar-2022 | -844 | 4.04E-06 | -1238.5144 | 100% (sig -) | Decreasing |
| GMW-37 | TPHg | 61 | 0 | 61 | 0 | 50 | 500 | --- | --- | 114.1967 | 50 | 118.3259 | 1.0362 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-38 | TPHg | 66 | 0 | 66 | 0 | 50 | 500 | --- | --- | 97.9697 | 50 | 107.5664 | 1.098 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-39 | TPHg | 70 | 3 | 67 | 4.29 | 50 | 500 | 90 | 160 | 53.6737 | 50 | 16.9382 | 0.3156 | ND (50) | Nov-2021 | -24 | 0.36943692 | --- | 63.1% (-) | No Trend |
| GMW-4 | TPHg | 19 | 19 | 0 | 100 | --- | --- | 380 | 16000 | 2930.5263 | 2100 | 3407.0409 | 1.1626 | 1800 | Oct-2013 | 15 | 0.314 | --- | 68.6% (+) | No Trend |
| GMW-40 | TPHg | 18 | 3 | 15 | 16.67 | 50 | 500 | 120 | 400 | 101.5126 | 300 | 93.0224 | 0.9164 | ND (100) | Oct-2016 | -26 | 0.1745 | --- | 82.5% (-) | No Trend |

Attachment F. Statistical Trend Results (TPH-g and Benzene)

SFPP Norwalk Pump Station, Norwalk, California

| Mann-Kendall TestData Preparation | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|-------|-----|-----|---------|---------|---------|---------|----------|-------------|--------|-------------|--------|-----------|----------|-------|-------------|------------|---------------|------------|
| Location | Analyte | COUNT | DET | CEN | PER.DET | MIN.CEN | MAX.CEN | MIN.DET | MAX.DET | MEAN | MEDIAN | SD | CV | LASTVALUE | LASTDATE | S | PVAL | SLOPE | RESULT | TREND |
| GMW-41 | TPHg | 27 | 2 | 25 | 7.41 | 50 | 500 | 75 | 250 | 74.2188 | 100 | 46.9726 | 0.6329 | ND (100) | Nov-2021 | -51 | 0.15 | --- | 85% (-) | No Trend |
| GMW-42 | TPHg | 22 | 6 | 16 | 27.27 | 100 | 300 | 380 | 7900 | 1282.2727 | 100 | 2525.3495 | 1.9694 | ND (100) | Nov-2021 | -105 | 0.001 | 0 | 99.9% (sig -) | Decreasing |
| GMW-43 | TPHg | 26 | 1 | 25 | 3.85 | 50 | 500 | 620 | 620 | 210.3846 | 100 | 143.6797 | 0.6829 | ND (100) | Nov-2021 | -25 | 0.3 | --- | 70% (-) | No Trend |
| GMW-44 | TPHg | 28 | 3 | 25 | 10.71 | 100 | 500 | 68 | 820 | 100.4018 | 100 | 140.2027 | 1.3964 | ND (100) | Nov-2021 | -40 | 0.222 | --- | 77.8% (-) | No Trend |
| GMW-45 | TPHg | 21 | 21 | 0 | 100 | --- | --- | 230 | 23000 | 4311.4286 | 3200 | 4806.8714 | 1.1149 | 230 | Nov-2021 | -48 | 0.077723622 | --- | 92.2% (-) | No Trend |
| GMW-47 | TPHg | 55 | 24 | 31 | 43.64 | 100 | 300 | 130 | 9600 | 852.1545 | 100 | 1953.462 | 2.2924 | 240 | Nov-2021 | -444 | 0.000186876 | 0 | 100% (sig -) | Decreasing |
| GMW-48 | TPHg | 17 | 11 | 6 | 64.71 | 100 | 100 | 150 | 56000 | 3907.0588 | 360 | 13042.704 | 3.3382 | ND (100) | Nov-2021 | -111 | 1.71E-06 | -200.1236 | 100% (sig -) | Decreasing |
| GMW-4R | TPHg | 10 | 3 | 7 | 30 | 50 | 50 | 84 | 120 | 65.4 | 50 | 24.8685 | 0.3803 | 120 | Nov-2021 | -2 | 0.4655 | --- | 53.4% (-) | No Trend |
| GMW-5 | TPHg | 15 | 0 | 15 | 0 | 50 | 500 | --- | --- | 226.6667 | 300 | 132.1075 | 0.5828 | ND (100) | Apr-2015 | 0 | 0.52 | --- | 48% (+) | No Trend |
| GMW-50 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | Apr-2016 | IS | IS | IS | IS | IS |
| GMW-54 | TPHg | 2 | 0 | 2 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Apr-2017 | IS | IS | IS | IS | IS |
| GMW-56 | TPHg | 24 | 0 | 24 | 0 | 100 | 300 | --- | --- | 166.6667 | 100 | 96.3087 | 0.5779 | ND (100) | Nov-2021 | 0 | 0.51 | --- | 49% (+) | No Trend |
| GMW-57 | TPHg | 50 | 25 | 25 | 50 | 100 | 300 | 110 | 28000 | 1833.2005 | 110 | 5351.4882 | 2.9192 | ND (100) | Nov-2021 | -648 | 3.33E-09 | -11.2432 | 100% (sig -) | Decreasing |
| GMW-58 | TPHg | 35 | 28 | 7 | 80 | 100 | 100 | 100 | 21000 | 2452.2857 | 1100 | 4027.1096 | 1.6422 | ND (100) | Nov-2021 | -435 | 2.95E-10 | -196.1226 | 100% (sig -) | Decreasing |
| GMW-59 | TPHg | 49 | 40 | 9 | 81.63 | 100 | 1800 | 210 | 67000 | 4640.096 | 2600 | 9515.1474 | 2.0506 | ND (100) | Nov-2021 | -779 | 8.36E-12 | -387.101 | 100% (sig -) | Decreasing |
| GMW-6 | TPHg | 34 | 2 | 32 | 5.88 | 50 | 500 | 3400 | 5300 | 302.9412 | 100 | 1037.6686 | 3.4253 | ND (100) | Nov-2021 | -41 | 0.278 | --- | 72.2% (-) | No Trend |
| GMW-60 | TPHg | 50 | 39 | 11 | 78 | 100 | 100 | 110 | 15000 | 2508 | 1550 | 3152.9941 | 1.2572 | ND (100) | Nov-2021 | -955 | 4.96E-16 | -335.2041 | 100% (sig -) | Decreasing |
| GMW-61 | TPHg | 49 | 37 | 12 | 75.51 | 100 | 100 | 120 | 23000 | 3766.3265 | 760 | 5910.0467 | 1.5692 | ND (100) | Nov-2021 | -982 | 7.41E-18 | -513.2957 | 100% (sig -) | Decreasing |
| GMW-62 | TPHg | 18 | 18 | 0 | 100 | --- | --- | 1000 | 17000 | 3672.2222 | 2300 | 3860.4793 | 1.0513 | 1700 | Nov-2021 | -25 | 0.184 | --- | 81.6% (-) | No Trend |
| GMW-63 | TPHg | 22 | 0 | 22 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.5113 | --- | 48.9% (+) | No Trend |
| GMW-64 | TPHg | 22 | 0 | 22 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.5113 | --- | 48.9% (+) | No Trend |
| GMW-65 | TPHg | 18 | 0 | 18 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.515 | --- | 48.5% (+) | No Trend |
| GMW-66 | TPHg | 4 | 0 | 4 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Oct-2014 | 0 | 0.625 | --- | 37.5% (+) | No Trend |
| GMW-66R | TPHg | 12 | 0 | 12 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.527 | --- | 47.3% (+) | No Trend |
| GMW-67 | TPHg | 13 | 5 | 8 | 38.46 | 100 | 100 | 110 | 900 | 195.3846 | 100 | 214.3547 | 1.0971 | ND (100) | Nov-2021 | -12 | 0.255 | --- | 74.5% (-) | No Trend |
| GMW-68 | TPHg | 2 | 2 | 0 | 100 | --- | --- | 15000 | 17000 | 16000 | 16000 | 1414.2136 | 0.0884 | 15000 | Apr-2016 | IS | IS | IS | IS | IS |
| GMW-69 | TPHg | 13 | 13 | 0 | 100 | --- | --- | 130 | 3600 | 1462.3077 | 1300 | 1020.1646 | 0.6976 | 770 | Nov-2021 | -37 | 0.013 | -317.1368 | 98.7% (sig -) | Decreasing |
| GMW-7 | TPHg | 12 | 12 | 0 | 100 | --- | --- | 150 | 520000 | 43705.8333 | 465 | 149993.8774 | 3.4319 | 520 | Nov-2021 | -7 | 0.344 | --- | 65.6% (-) | No Trend |
| GMW-8 | TPHg | 46 | 0 | 46 | 0 | 50 | 500 | --- | --- | 117.3913 | 50 | 125.263 | 1.0671 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-9 | TPHg | 15 | 7 | 8 | 46.67 | 50 | 50 | 67 | 61000 | 8226.7333 | 50 | 19440.0494 | 2.363 | ND (50) | Nov-2021 | -57 | 0.002 | -35.0715 | 99.8% (sig -) | Decreasing |
| GMW-O-1 | TPHg | 82 | 0 | 82 | 0 | 50 | 500 | --- | --- | 114.0244 | 50 | 118.4453 | 1.0388 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-O-10 | TPHg | 55 | 36 | 19 | 65.45 | 50 | 500 | 52 | 32000 | 3859.9739 | 160 | 6927.4665 | 1.7947 | ND (50) | Nov-2021 | -757 | 1.01E-08 | -142.4937 | 100% (sig -) | Decreasing |
| GMW-O-11 | TPHg | 7 | 3 | 4 | 42.86 | 100 | 100 | 95 | 10000 | 1513.5714 | 100 | 3464.5807 | 2.289 | 120 | Mar-2022 | 3 | 0.386 | --- | 61.4% (+) | No Trend |
| GMW-O-12 | TPHg | 8 | 8 | 0 | 100 | --- | --- | 5300 | 34000 | 21162.5 | 21500 | 9792.6995 | 0.4627 | 5300 | Aug-2021 | 0 | 0.548 | --- | 45.2% (+) | No Trend |
| GMW-O-14 | TPHg | 81 | 78 | 3 | 96.3 | 50 | 50 | 250 | 160000 | 23614.9383 | 19000 | 23693.4246 | 1.0033 | ND (50) | Mar-2022 | -837 | 0.000323946 | -879.8074 | 100% (sig -) | Decreasing |
| GMW-O-15 | TPHg | 42 | 41 | 1 | 97.62 | 1000 | 1000 | 190 | 370000 | 19971.7582 | 1750 | 60312.886 | 3.0199 | ND (1000) | Nov-2020 | 17 | 0.431153178 | --- | 56.9% (+) | No Trend |
| GMW-O-16 | TPHg | 82 | 6 | 76 | 7.32 | 50 | 500 | 57 | 320 | 56.4886 | 50 | 33.4262 | 0.5917 | ND (50) | Nov-2021 | 147 | 0.097076833 | --- | 90.3% (+) | No Trend |
| GMW-O-17 | TPHg | 40 | 0 | 40 | 0 | 50 | 500 | --- | --- | 120 | 50 | 121.3176 | 1.011 | ND (50) | Nov-2021 | 0 | 0.505 | --- | 49.5% (+) | No Trend |
| GMW-O-18 | TPHg | 57 | 40 | 17 | 70.18 | 50 | 3000 | 55 | 11000000 | 195349.3549 | 190 | 1443843.232 | 7.3911 | 3500 | Nov-2021 | 377 | 0.004311204 | 20.5414 | 99.6% (sig +) | Increasing |
| GMW-O-19 | TPHg | 80 | 4 | 76 | 5 | 50 | 500 | 52 | 510 | 58.1431 | 50 | 52.8877 | 0.9096 | ND (50) | Nov-2021 | 6 | 0.478005588 | --- | 52.2% (+) | No Trend |
| GMW-O-2 | TPHg | 75 | 0 | 75 | 0 | 50 | 500 | --- | --- | 97.3333 | 50 | 103.2883 | 1.0612 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-O-20 | TPHg | 21 | 20 | 1 | 95.24 | 100 | 100 | 82 | 48000 | 13961.7619 | 1600 | 17624.5742 | 1.2623 | ND (100) | Mar-2022 | -164 | 4.28E-07 | -3777.5521 | 100% (sig -) | Decreasing |
| GMW-O-21 | TPHg | 21 | 16 | 5 | 76.19 | 50 | 8000 | 140 | 66000 | 12507.9121 | 7300 | 17247.5721 | 1.3789 | ND (50) | Mar-2022 | -117 | 0.000206681 | -2446.4616 | 100% (sig -) | Decreasing |
| GMW-O-23 | TPHg | 20 | 15 | 5 | 75 | 50 | 100 | 57 | 120000 | 16001.8 | 110 | 31894.3713 | 1.9932 | 75 | Mar-2022 | -119 | 5.57E-05 | -2204.8513 | 100% (sig -) | Decreasing |
| GMW-O-24 | TPHg | 19 | 0 | 19 | 0 | 50 | 50 | --- | --- | 50 | 50 | 0 | 0 | ND (50) | Mar-2022 | 0 | 0.514 | --- | 48.6% (+) | No Trend |
| GMW-O-3 | TPHg | 84 | 44 | 40 | 52.38 | 50 | 500 | 51 | 14000 | 731.6489 | 110 | 1794.3981 | 2.4525 | ND (50) | Nov-2021 | -1562 | 8.18E-11 | -32.6451 | 100% (sig -) | Decreasing |
| GMW-O-4 | TPHg | 53 | 0 | 53 | 0 | 50 | 500 | --- | --- | 102.8302 | 50 | 109.3755 | 1.0637 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-O-4 (MID) | TPHg | 31 | 0 | 31 | 0 | 50 | 500 | --- | --- | 132.2581 | 50 | 128.8076 | 0.9739 | ND (50) | Oct-2012 | 0 | 0.5063 | --- | 49.4% (+) | No Trend |
| GMW-O-5 | TPHg | 60 | 0 | 60 | 0 | 50 | 500 | --- | --- | 136.6667 | 50 | 136.5019 | 0.9988 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-O-6 | TPHg | 20 | 0 | 20 | 0 | 50 | 500 | --- | --- | 177.5 | 100 | 141.8626 | 0.7992 | ND (50) | Apr-2012 | 0 | 0.513 | --- | 48.7% (+) | No Trend |
| GMW-O-7 | TPHg | 1 | 0 | 1 | 0 | 500 | 500 | --- | --- | 500 | 500 | --- | --- | ND (500) | May-1999 | IS | IS | IS | IS | IS |
| GMW-O-8 | TPHg | 21 | 0 | 21 | 0 | 50 | 300 | --- | --- | 61.9048 | 50 | 54.5545 | 0.8813 | ND (50) | Oct-2012 | 0 | 0.512 | --- | 48.8% (+) | No Trend |
| GMW-O-9 | TPHg | 52 | 0 | 52 | 0 | 50 | 500 | --- | --- | 99.0385 | 50 | 106.8673 | 1.079 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| GMW-SF-10 | TPHg | 7 | 2 | 5 | 28.57 | 50 | 50 | 90 | 100 | 62.8571 | 50 | 20.5039 | 0.3262 | ND (50) | Oct-2012 | -9 | 0.119 | --- | 88.1% (-) | No Trend |
| GMW-SF-7 | TPHg | 60 | 3 | 57 | 5 | 50 | 500 | 220 | 550 | 66.8421 | 50 | 77.3997 | 1.1579 | ND (50) | Nov-2021 | -94 | 0.057472967 | --- | 94.3% (-) | No Trend |

Attachment F. Statistical Trend Results (TPH-g and Benzene)

SFPP Norwalk Pump Station, Norwalk, California

| Mann-Kendall TestData Preparation | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|-------|-----|-----|---------|---------|---------|---------|---------|------------|--------|------------|--------|------------|----------|------|-------------|------------|---------------|------------|
| Location | Analyte | COUNT | DET | CEN | PER.DET | MIN.CEN | MAX.CEN | MIN.DET | MAX.DET | MEAN | MEDIAN | SD | CV | LASTVALUE | LASTDATE | S | PVAL | SLOPE | RESULT | TREND |
| GMW-SF-8 | TPHg | 59 | 1 | 58 | 1.69 | 50 | 500 | 660 | 660 | 108.6441 | 50 | 127.4208 | 1.1728 | ND (50) | Nov-2021 | -46 | 0.093209766 | --- | 90.7% (-) | No Trend |
| GMW-SF-9 | TPHg | 8 | 1 | 7 | 12.5 | 50 | 100 | 79 | 79 | 59.875 | 50 | 19.1269 | 0.3194 | ND (50) | Oct-2012 | -5 | 0.317 | --- | 68.3% (-) | No Trend |
| GW-1 | TPHg | 6 | 0 | 6 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Apr-2017 | 0 | 0.5773 | --- | 42.3% (+) | No Trend |
| GW-13(6") | TPHg | 23 | 2 | 21 | 8.7 | 100 | 100 | 230 | 1500 | 166.5217 | 100 | 285.5294 | 1.7147 | ND (100) | Nov-2021 | -27 | 0.248 | --- | 75.2% (-) | No Trend |
| GW-14(1") | TPHg | 3 | 3 | 0 | 100 | --- | --- | 110 | 950 | 653.3333 | 900 | 471.2041 | 0.7212 | 950 | Jan-2010 | IS | IS | IS | IS | IS |
| GW-14(6") | TPHg | 7 | 7 | 0 | 100 | --- | --- | 690 | 2200 | 1515.7143 | 1700 | 553.2889 | 0.365 | 1700 | Oct-2014 | 8 | 0.155 | --- | 84.5% (+) | No Trend |
| GW-14R | TPHg | 2 | 2 | 0 | 100 | --- | --- | 140 | 1400 | 770 | 770 | 890.9545 | 1.1571 | 140 | Nov-2021 | IS | IS | IS | IS | IS |
| GW-15(6") | TPHg | 14 | 8 | 6 | 57.14 | 100 | 100 | 190 | 32000 | 4772.8571 | 415 | 8323.9907 | 1.744 | ND (100) | Nov-2021 | -66 | 9.97E-05 | -671.7375 | 100% (sig -) | Decreasing |
| GW-16(6") | TPHg | 21 | 2 | 19 | 9.52 | 100 | 100 | 100 | 2500 | 214.2857 | 100 | 511.1013 | 2.3851 | ND (100) | Nov-2021 | -13 | 0.36 | --- | 64% (-) | No Trend |
| GW-2 | TPHg | 21 | 2 | 19 | 9.52 | 100 | 100 | 180 | 1800 | 184.7619 | 100 | 361.5788 | 1.957 | ND (100) | Nov-2021 | -25 | 0.237 | --- | 76.3% (-) | No Trend |
| GW-3 | TPHg | 17 | 0 | 17 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.516 | --- | 48.4% (+) | No Trend |
| GW-4 | TPHg | 3 | 0 | 3 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Oct-2016 | IS | IS | IS | IS | IS |
| GW-6 | TPHg | 23 | 2 | 21 | 8.7 | 100 | 300 | 339 | 690 | 136.0435 | 100 | 127.7465 | 0.939 | ND (100) | Nov-2021 | -39 | 0.16 | --- | 84% (-) | No Trend |
| GW-7 | TPHg | 4 | 0 | 4 | 0 | 100 | 300 | --- | --- | 150 | 100 | 100 | 0.6667 | ND (100) | Apr-2017 | 0 | 0.625 | --- | 37.5% (+) | No Trend |
| GW-8 | TPHg | 16 | 0 | 16 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.518 | --- | 48.2% (+) | No Trend |
| GWR-1 | TPHg | 28 | 25 | 3 | 89.29 | 100 | 500 | 130 | 16000 | 2671.6369 | 1650 | 3194.9962 | 1.1959 | ND (100) | Oct-2014 | -130 | 0.005351541 | -140.3461 | 99.5% (sig -) | Decreasing |
| GWR-1R | TPHg | 10 | 0 | 10 | 0 | 50 | 50 | --- | --- | 50 | 50 | 0 | 0 | ND (50) | Nov-2021 | 0 | 0.5357 | --- | 46.4% (+) | No Trend |
| GWR-3 | TPHg | 3 | 2 | 1 | 66.67 | 20000 | 20000 | 21000 | 25000 | 22000 | 21000 | 2160.2469 | 0.0982 | ND (20000) | Oct-2011 | IS | IS | IS | IS | IS |
| HL-2 | TPHg | 49 | 4 | 45 | 8.16 | 50 | 500 | 150 | 1400 | 94.8509 | 50 | 202.1433 | 2.1312 | ND (50) | Nov-2021 | -158 | 0.002103005 | 0 | 99.8% (sig -) | Decreasing |
| HL-3 | TPHg | 33 | 3 | 30 | 9.09 | 50 | 300 | 80 | 130 | 54.94 | 50 | 16.2122 | 0.2951 | ND (50) | Nov-2021 | -33 | 0.3115 | --- | 68.8% (-) | No Trend |
| HL-4 | TPHg | 16 | 15 | 1 | 93.75 | 300 | 300 | 200 | 2800 | 1225.3125 | 1150 | 796.8806 | 0.6503 | 200 | Nov-2004 | -32 | 0.083 | --- | 91.7% (-) | No Trend |
| HL-5 | TPHg | 1 | 1 | 0 | 100 | --- | --- | 950 | 950 | 950 | 950 | --- | --- | 950 | Jul-1997 | IS | IS | IS | IS | IS |
| MW-10 | TPHg | 13 | 0 | 13 | 0 | 38 | 500 | --- | --- | 260.6154 | 300 | 126.1544 | 0.4841 | ND (100) | Apr-2016 | 0 | 0.524 | --- | 47.6% (+) | No Trend |
| MW-11 | TPHg | 5 | 1 | 4 | 20 | 300 | 300 | 220 | 220 | 284 | 300 | 35.7771 | 0.126 | 220 | Apr-2012 | 4 | 0.242 | --- | 75.8% (+) | No Trend |
| MW-12 | TPHg | 48 | 0 | 48 | 0 | 50 | 500 | --- | --- | 106.25 | 50 | 114.2156 | 1.075 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| MW-13 | TPHg | 31 | 1 | 30 | 3.23 | 50 | 500 | 1100 | 1100 | 208.0645 | 100 | 200.0403 | 0.9614 | ND (100) | Nov-2021 | -30 | 0.312 | --- | 68.8% (-) | No Trend |
| MW-14 | TPHg | 35 | 6 | 29 | 17.14 | 50 | 500 | 180 | 670 | 139.9532 | 300 | 149.2741 | 1.0666 | ND (100) | Apr-2017 | 61 | 0.198 | --- | 80.2% (+) | No Trend |
| MW-15 | TPHg | 22 | 14 | 8 | 63.64 | 300 | 500 | 340 | 59000 | 3419.026 | 590 | 12141.7874 | 3.5512 | 590 | Oct-2014 | 75 | 0.01598233 | 32.9422 | 98.4% (sig +) | Increasing |
| MW-15R | TPHg | 10 | 5 | 5 | 50 | 50 | 100 | 53 | 130 | 64.75 | 58 | 23.653 | 0.3653 | 63 | Nov-2021 | 11 | 0.19 | --- | 81% (+) | No Trend |
| MW-16 | TPHg | 35 | 2 | 33 | 5.71 | 50 | 500 | 50 | 51 | 50.125 | 100 | 0.3307 | 0.0066 | ND (100) | Nov-2021 | -37 | 0.306 | --- | 69.4% (-) | No Trend |
| MW-17 | TPHg | 31 | 2 | 29 | 6.45 | 50 | 500 | 45 | 130 | 49.25 | 100 | 18.5253 | 0.3761 | ND (100) | Nov-2021 | -23 | 0.355 | --- | 64.5% (-) | No Trend |
| MW-18 (MID) | TPHg | 25 | 10 | 15 | 40 | 50 | 200 | 96 | 4100 | 374.1662 | 100 | 820.6226 | 2.1932 | ND (50) | Nov-2021 | -112 | 0.004 | -5.4618 | 99.6% (sig -) | Decreasing |
| MW-19 (MID) | TPHg | 58 | 24 | 34 | 41.38 | 50 | 10000 | 54 | 5200 | 340.7373 | 59 | 833.794 | 2.447 | ND (50) | Nov-2021 | -581 | 6.42E-06 | -1.2187 | 100% (sig -) | Decreasing |
| MW-20 (MID) | TPHg | 51 | 7 | 44 | 13.73 | 50 | 500 | 51 | 97 | 52.0811 | 50 | 7.8098 | 0.15 | ND (50) | Nov-2021 | -32 | 0.336307645 | --- | 66.4% (-) | No Trend |
| MW-21 (MID) | TPHg | 33 | 6 | 27 | 18.18 | 50 | 500 | 57 | 87 | 54.6818 | 57 | 9.3827 | 0.1716 | ND (50) | Nov-2021 | -12 | 0.433 | --- | 56.7% (-) | No Trend |
| MW-22 (MID) | TPHg | 44 | 2 | 42 | 4.55 | 50 | 500 | 46 | 180 | 52.0909 | 240 | 27.9121 | 0.5358 | ND (100) | Nov-2021 | -37 | 0.155343205 | --- | 84.5% (-) | No Trend |
| MW-23 (MID) | TPHg | 12 | 2 | 10 | 16.67 | 300 | 300 | 140 | 1400 | 245 | 300 | 348.2456 | 1.4214 | ND (300) | Oct-2002 | -21 | 0.087 | --- | 91.3% (-) | No Trend |
| MW-24 | TPHg | 28 | 3 | 25 | 10.71 | 100 | 300 | 92 | 700 | 114.1681 | 100 | 112.7586 | 0.9877 | ND (100) | Nov-2021 | -72 | 0.081 | --- | 91.9% (-) | No Trend |
| MW-25 | TPHg | 17 | 0 | 17 | 0 | 50 | 500 | --- | --- | 282.3529 | 300 | 122.3994 | 0.4335 | ND (100) | Nov-2019 | 0 | 0.516 | --- | 48.4% (+) | No Trend |
| MW-26 | TPHg | 30 | 16 | 14 | 53.33 | 50 | 500 | 130 | 8400 | 1285.7168 | 300 | 2344.5302 | 1.8235 | ND (100) | Nov-2021 | -144 | 0.003481658 | -43.0897 | 99.7% (sig -) | Decreasing |
| MW-27 | TPHg | 29 | 3 | 26 | 10.34 | 50 | 300 | 420 | 7200 | 359.3103 | 100 | 1320.7546 | 3.6758 | ND (100) | Nov-2021 | -63 | 0.124 | --- | 87.6% (-) | No Trend |
| MW-28 | TPHg | 14 | 3 | 11 | 21.43 | 100 | 500 | 220 | 1500 | 249.5238 | 300 | 353.3038 | 1.4159 | ND (100) | Apr-2017 | -18 | 0.1795 | --- | 82% (-) | No Trend |
| MW-29 | TPHg | 26 | 14 | 12 | 53.85 | 100 | 300 | 100 | 84700 | 4993.9053 | 210 | 16852.8473 | 3.3747 | ND (100) | Nov-2021 | -213 | 4.01E-07 | -85.3079 | 100% (sig -) | Decreasing |
| MW-6 | TPHg | 50 | 1 | 49 | 2 | 50 | 500 | 89 | 89 | 106.78 | 50 | 111.6045 | 1.0452 | ND (50) | Nov-2021 | -17 | 0.289663792 | --- | 71% (-) | No Trend |
| MW-7 | TPHg | 50 | 11 | 39 | 22 | 50 | 500 | 57 | 590 | 101.8939 | 50 | 146.0293 | 1.4332 | ND (50) | Nov-2021 | -379 | 5.99E-06 | 0 | 100% (sig -) | Decreasing |
| MW-8 | TPHg | 63 | 9 | 54 | 14.29 | 50 | 500 | 79 | 1700 | 138.478 | 50 | 317.1995 | 2.2906 | ND (50) | Nov-2021 | -216 | 0.017768184 | 0 | 98.2% (sig -) | Decreasing |
| MW-9 | TPHg | 38 | 29 | 9 | 76.32 | 50 | 500 | 66 | 4700 | 1062.7024 | 1100 | 978.7083 | 0.921 | ND (50) | Nov-2021 | -449 | 6.73E-09 | -104.1697 | 100% (sig -) | Decreasing |
| MW-O-1 | TPHg | 7 | 5 | 2 | 71.43 | 50 | 50 | 4500 | 32000 | 13085.7143 | 14000 | 11604.2084 | 0.8868 | ND (50) | Feb-2021 | -12 | 0.0515 | --- | 94.8% (-) | No Trend |
| MW-O-2 | TPHg | 17 | 16 | 1 | 94.12 | 5000 | 5000 | 520 | 73000 | 15511.0294 | 9200 | 18774.031 | 1.2104 | 2100 | Mar-2022 | -35 | 0.082 | --- | 91.8% (-) | No Trend |
| MW-SF-1 | TPHg | 46 | 36 | 10 | 78.26 | 50 | 200 | 55 | 34000 | 10411.0435 | 10500 | 8478.4264 | 0.8144 | ND (50) | Nov-2021 | -612 | 2.86E-09 | -1172.8029 | 100% (sig -) | Decreasing |
| MW-SF-10 | TPHg | 3 | 3 | 0 | 100 | --- | --- | 18000 | 31000 | 26333.3333 | 30000 | 7234.1781 | 0.2747 | 18000 | Oct-2011 | IS | IS | IS | IS | IS |
| MW-SF-11 | TPHg | 5 | 5 | 0 | 100 | --- | --- | 7800 | 77000 | 29160 | 16000 | 27925.4006 | 0.9577 | 77000 | Oct-2012 | 6 | 0.117 | --- | 88.3% (+) | No Trend |
| MW-SF-12 | TPHg | 3 | 3 | 0 | 100 | --- | --- | 17000 | 110000 | 51333.3333 | 27000 | 51052.2608 | 0.9945 | 110000 | Oct-2011 | IS | IS | IS | IS | IS |
| MW-SF-13 | TPHg | 15 | 7 | 8 | 46.67 | 50 | 200 | 78 | 42000 | 4204.4 | 200 | 10405.6332 | 2.4749 | 78 | Nov-2021 | -51 | 0.006 | -371.9003 | 99.4% (sig -) | Decreasing |
| MW-SF-14 | TPHg | 8 | 7 | 1 | 87.5 | 20000 | 20000 | 370 | 270000 | 44052 | 16500 | 85914.1248 | 1.9503 | 370 | Apr-2016 | -8 | 0.199 | --- | 80.1% (-) | No Trend |

Attachment F. Statistical Trend Results (TPH-g and Benzene)

SFPP Norwalk Pump Station, Norwalk, California

| Mann-Kendall TestData Preparation | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|-------|-----|-----|---------|---------|---------|---------|---------|------------|--------|-------------|--------|-----------|----------|------|-------------|------------|---------------|------------|
| Location | Analyte | COUNT | DET | CEN | PER.DET | MIN.CEN | MAX.CEN | MIN.DET | MAX.DET | MEAN | MEDIAN | SD | CV | LASTVALUE | LASTDATE | S | PVAL | SLOPE | RESULT | TREND |
| MW-SF-15 | TPHg | 15 | 10 | 5 | 66.67 | 100 | 500 | 110 | 35000 | 3683.1515 | 130 | 8928.3867 | 2.4241 | ND (100) | Nov-2021 | -60 | 0.001 | -49.5924 | 99.9% (sig -) | Decreasing |
| MW-SF-16 | TPHg | 6 | 6 | 0 | 100 | --- | --- | 3000 | 1e+05 | 25150 | 6900 | 38020.7706 | 1.5118 | 3000 | Oct-2015 | 3 | 0.36 | --- | 64% (+) | No Trend |
| MW-SF-2 | TPHg | 3 | 3 | 0 | 100 | --- | --- | 48000 | 110000 | 76666.6667 | 72000 | 31262.3309 | 0.4078 | 72000 | Oct-2011 | IS | IS | IS | IS | IS |
| MW-SF-3 | TPHg | 4 | 3 | 1 | 75 | 500 | 500 | 9500 | 280000 | 76250 | 12250 | 117748.9384 | 1.5442 | 280000 | Nov-2015 | 4 | 0.167 | --- | 83.3% (+) | No Trend |
| MW-SF-4 | TPHg | 28 | 18 | 10 | 64.29 | 50 | 500 | 540 | 40000 | 11305 | 12000 | 10998.3796 | 0.9729 | ND (50) | May-2021 | -238 | 7.68E-07 | -1847.09 | 100% (sig -) | Decreasing |
| MW-SF-5 | TPHg | 6 | 3 | 3 | 50 | 200 | 500 | 270 | 570 | 341.6667 | 500 | 153.7765 | 0.4501 | 270 | Oct-2015 | -4 | 0.2975 | --- | 70.2% (-) | No Trend |
| MW-SF-6 | TPHg | 15 | 9 | 6 | 60 | 200 | 200 | 120 | 59000 | 10449.3333 | 200 | 17724.8644 | 1.6963 | 120 | Nov-2021 | -72 | 0.000135147 | -2752.9635 | 100% (sig -) | Decreasing |
| MW-SF-9 | TPHg | 18 | 16 | 2 | 88.89 | 500 | 500 | 110 | 24000 | 3218.1481 | 1010 | 5454.3788 | 1.6949 | 2300 | Apr-2016 | -10 | 0.3685 | --- | 63.1% (-) | No Trend |
| PO-7 | TPHg | 1 | 0 | 1 | 0 | 100 | 100 | --- | --- | 100 | 100 | --- | --- | ND (100) | Nov-2005 | IS | IS | IS | IS | IS |
| PW-1 | TPHg | 30 | 1 | 29 | 3.33 | 50 | 500 | 190 | 190 | 148 | 50 | 131.5006 | 0.8885 | ND (100) | Nov-2019 | -29 | 0.31 | --- | 69% (-) | No Trend |
| PW-2 | TPHg | 33 | 3 | 30 | 9.09 | 50 | 500 | 83 | 140 | 63.2857 | 300 | 27.2775 | 0.431 | ND (50) | Apr-2008 | 5 | 0.4755 | --- | 52.4% (+) | No Trend |
| PW-3 | TPHg | 55 | 1 | 54 | 1.82 | 50 | 500 | 140 | 140 | 127.0909 | 50 | 134.6281 | 1.0593 | ND (50) | Nov-2021 | -54 | 0.047524698 | 0 | 95.2% (sig -) | Decreasing |
| PZ-1 | TPHg | 11 | 7 | 4 | 63.64 | 100 | 300 | 220 | 2000 | 455.0909 | 350 | 510.8968 | 1.1226 | ND (300) | Apr-2002 | -1 | 0.5 | --- | 50% (-) | No Trend |
| PZ-10 | TPHg | 31 | 10 | 21 | 32.26 | 50 | 1000 | 340 | 11000 | 1293.883 | 200 | 2562.5606 | 1.9805 | ND (200) | Apr-2016 | -155 | 0.004 | 0 | 99.6% (sig -) | Decreasing |
| PZ-2 | TPHg | 20 | 13 | 7 | 65 | 50 | 50 | 53 | 2300 | 366.15 | 165 | 531.7609 | 1.4523 | 53 | Nov-2021 | -92 | 0.001241114 | -46.618 | 99.9% (sig -) | Decreasing |
| PZ-3 | TPHg | 13 | 8 | 5 | 61.54 | 100 | 100 | 210 | 5300 | 1115.3846 | 690 | 1482.3921 | 1.329 | ND (100) | Nov-2021 | -59 | 0.000125652 | -244.8823 | 100% (sig -) | Decreasing |
| PZ-5 | TPHg | 73 | 70 | 3 | 95.89 | 50 | 4000 | 150 | 3200000 | 51482.6909 | 3000 | 372207.9393 | 7.2298 | 150 | Nov-2021 | 626 | 0.001448274 | 339.9302 | 99.9% (sig +) | Increasing |
| PZ-6 | TPHg | 4 | 0 | 4 | 0 | 50 | 300 | --- | --- | 175 | 175 | 144.3376 | 0.8248 | ND (50) | Jul-2004 | 0 | 0.625 | --- | 37.5% (+) | No Trend |
| PZ-7A | TPHg | 3 | 3 | 0 | 100 | --- | --- | 160 | 340 | 246.6667 | 240 | 90.185 | 0.3656 | 240 | Oct-2003 | IS | IS | IS | IS | IS |
| PZ-7B | TPHg | 3 | 3 | 0 | 100 | --- | --- | 61 | 98 | 83 | 90 | 19.4679 | 0.2346 | 90 | Oct-2003 | IS | IS | IS | IS | IS |
| PZ-8A | TPHg | 4 | 0 | 4 | 0 | 50 | 50 | --- | --- | 50 | 50 | 0 | 0 | ND (50) | Dec-2006 | 0 | 0.625 | --- | 37.5% (+) | No Trend |
| PZ-8B | TPHg | 4 | 2 | 2 | 50 | 50 | 50 | 86 | 310 | 124 | 68 | 108.3882 | 0.8741 | ND (50) | Dec-2006 | 1 | 0.5 | --- | 50% (+) | No Trend |
| PZ-9A | TPHg | 3 | 0 | 3 | 0 | 50 | 50 | --- | --- | 50 | 50 | 0 | 0 | ND (50) | Oct-2003 | IS | IS | IS | IS | IS |
| PZ-9B | TPHg | 3 | 1 | 2 | 33.33 | 50 | 50 | 75 | 75 | 58.3333 | 50 | 14.4338 | 0.2474 | ND (50) | Oct-2003 | IS | IS | IS | IS | IS |
| RTF-18-N | TPHg | 1 | 1 | 0 | 100 | --- | --- | 25000 | 25000 | 25000 | 25000 | --- | --- | 25000 | Apr-2017 | IS | IS | IS | IS | IS |
| RTF-18-NNW | TPHg | 1 | 1 | 0 | 100 | --- | --- | 30000 | 30000 | 30000 | 30000 | --- | --- | 30000 | Apr-2017 | IS | IS | IS | IS | IS |
| TF-15 | TPHg | 4 | 4 | 0 | 100 | --- | --- | 160 | 2000 | 1115 | 1150 | 753.3702 | 0.6757 | 1200 | Nov-2021 | 0 | 0.625 | --- | 37.5% (+) | No Trend |
| TF-16 | TPHg | 8 | 8 | 0 | 100 | --- | --- | 170 | 6000 | 1912.5 | 1250 | 1952.2935 | 1.0208 | 1300 | Nov-2021 | -6 | 0.274 | --- | 72.6% (-) | No Trend |
| TF-17 | TPHg | 3 | 3 | 0 | 100 | --- | --- | 2900 | 18000 | 9933.3333 | 8900 | 7602.8503 | 0.7654 | 2900 | Nov-2014 | IS | IS | IS | IS | IS |
| TF-17R | TPHg | 4 | 4 | 0 | 100 | --- | --- | 1700 | 8600 | 5450 | 5750 | 2838.4268 | 0.5208 | 1700 | Nov-2021 | -2 | 0.375 | --- | 62.5% (-) | No Trend |
| TF-18 | TPHg | 5 | 5 | 0 | 100 | --- | --- | 3800 | 54000 | 19960 | 9400 | 21137.3603 | 1.059 | 9400 | Nov-2021 | -2 | 0.408 | --- | 59.2% (-) | No Trend |
| TF-19 | TPHg | 1 | 1 | 0 | 100 | --- | --- | 710 | 710 | 710 | 710 | --- | --- | 710 | Nov-2018 | IS | IS | IS | IS | IS |
| TF-20R | TPHg | 9 | 7 | 2 | 77.78 | 100 | 100 | 170 | 1300 | 558.8889 | 540 | 386.3632 | 0.6913 | ND (100) | Nov-2021 | -31 | 0.000830848 | -269.693 | 99.9% (sig -) | Decreasing |
| TF-21 | TPHg | 17 | 13 | 4 | 76.47 | 100 | 100 | 110 | 1600 | 555.8824 | 370 | 504.6147 | 0.9078 | ND (100) | Nov-2021 | -106 | 6.58E-06 | -108.7842 | 100% (sig -) | Decreasing |
| TF-23 | TPHg | 6 | 6 | 0 | 100 | --- | --- | 410 | 1100 | 658.3333 | 610 | 235.9167 | 0.3584 | 1100 | Nov-2021 | 11 | 0.028 | 82.012 | 97.2% (sig +) | Increasing |
| TF-24 | TPHg | 15 | 0 | 15 | 0 | 100 | 100 | --- | --- | 100 | 100 | 0 | 0 | ND (100) | Nov-2021 | 0 | 0.52 | --- | 48% (+) | No Trend |
| TF-8 | TPHg | 17 | 1 | 16 | 5.88 | 100 | 100 | 140 | 140 | 102.3529 | 100 | 9.7014 | 0.0948 | ND (100) | Nov-2021 | -14 | 0.299 | --- | 70.1% (-) | No Trend |
| TF-9 | TPHg | 3 | 3 | 0 | 100 | --- | --- | 960 | 3400 | 1820 | 1100 | 1370.1095 | 0.7528 | 1100 | Oct-2014 | IS | IS | IS | IS | IS |
| TF-9R | TPHg | 9 | 3 | 6 | 33.33 | 100 | 100 | 750 | 1500 | 483.3333 | 100 | 579.2716 | 1.1985 | ND (100) | Nov-2021 | -18 | 0.038 | -114.3105 | 96.2% (sig -) | Decreasing |
| WCW-1 | TPHg | 30 | 0 | 30 | 0 | 50 | 500 | --- | --- | 240 | 300 | 152.2249 | 0.6343 | ND (50) | Apr-2012 | 0 | 0.5067 | --- | 49.3% (+) | No Trend |
| WCW-10 | TPHg | 11 | 0 | 11 | 0 | 50 | 500 | --- | --- | 295.4545 | 300 | 135.0084 | 0.457 | ND (300) | Apr-2002 | 0 | 0.5313 | --- | 46.9% (+) | No Trend |
| WCW-11 | TPHg | 11 | 0 | 11 | 0 | 50 | 500 | --- | --- | 295.4545 | 300 | 135.0084 | 0.457 | ND (300) | Apr-2002 | 0 | 0.5313 | --- | 46.9% (+) | No Trend |
| WCW-12 | TPHg | 48 | 0 | 48 | 0 | 50 | 500 | --- | --- | 119.7917 | 50 | 121.4888 | 1.0142 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| WCW-13 | TPHg | 75 | 0 | 75 | 0 | 50 | 500 | --- | --- | 113.3333 | 50 | 116.0537 | 1.024 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| WCW-14 | TPHg | 57 | 0 | 57 | 0 | 50 | 500 | --- | --- | 99.1228 | 50 | 101.9853 | 1.0289 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| WCW-2 | TPHg | 57 | 0 | 57 | 0 | 50 | 500 | --- | --- | 155.2632 | 50 | 142.5796 | 0.9183 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| WCW-3 | TPHg | 81 | 2 | 79 | 2.47 | 50 | 1000 | 100 | 120 | 52 | 50 | 10.924 | 0.2101 | ND (50) | Nov-2021 | -159 | 0.008108687 | 0 | 99.2% (sig -) | Decreasing |
| WCW-4 | TPHg | 49 | 0 | 49 | 0 | 50 | 500 | --- | --- | 123.4694 | 50 | 122.9422 | 0.9957 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| WCW-5 | TPHg | 49 | 0 | 49 | 0 | 50 | 500 | --- | --- | 123.4694 | 50 | 122.9422 | 0.9957 | ND (50) | Nov-2021 | 0 | 0.5 | --- | 50% (+) | No Trend |
| WCW-6 | TPHg | 49 | 1 | 48 | 2.04 | 50 | 500 | 230 | 230 | 127.1429 | 50 | 123.3896 | 0.9705 | ND (50) | Nov-2021 | -48 | 0.048286371 | 0 | 95.2% (sig -) | Decreasing |
| WCW-7 | TPHg | 73 | 4 | 69 | 5.48 | 50 | 500 | 53 | 140 | 52.5137 | 53 | 12.4011 | 0.2361 | ND (50) | May-2021 | -22 | 0.399612248 | --- | 60% (-) | No Trend |
| WCW-8 | TPHg | 53 | 3 | 50 | 5.66 | 50 | 500 | 55 | 84 | 51.7857 | 61 | 6.5811 | 0.1271 | ND (50) | Nov-2021 | -87 | 0.049069032 | 0 | 95.1% (sig -) | Decreasing |
| WCW-9 | TPHg | 11 | 0 | 11 | 0 | 50 | 500 | --- | --- | 295.4545 | 300 | 135.0084 | 0.457 | ND (300) | Apr-2002 | 0 | 0.5313 | --- | 46.9% (+) | No Trend |

Attachment F. Statistical Trend Results (TPH-g and Benzene)

SFPP Norwalk Pump Station, Norwalk, California

| Mann-Kendall TestData Preparation | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|---------|-------|-----|-----|---------|---------|---------|---------|---------|-----------|--------|-----------|--------|-----------|----------|------|-------------|-----------|---------------|------------|
| Location | Analyte | COUNT | DET | CEN | PER.DET | MIN.CEN | MAX.CEN | MIN.DET | MAX.DET | MEAN | MEDIAN | SD | CV | LASTVALUE | LASTDATE | S | PVAL | SLOPE | RESULT | TREND |
| GMW-10 | Benzene | 13 | 8 | 5 | 61.54 | 0.5 | 2.5 | 210 | 1300 | 414.0385 | 360 | 452.1776 | 1.0921 | 1 | Mar-2022 | -32 | 0.029 | -24.2077 | 97.1% (sig -) | Decreasing |
| GMW-23 | Benzene | 11 | 7 | 4 | 63.64 | 0.3 | 1 | 0.08 | 11000 | 1203.6909 | 2.7 | 3154.929 | 2.621 | 130 | Aug-2021 | -17 | 0.109 | --- | 89.1% (-) | No Trend |
| GMW-28 | Benzene | 30 | 18 | 12 | 60 | 0.5 | 0.5 | 0.43 | 22000 | 4800.2267 | 2.01 | 7673.2087 | 1.5985 | 0.5 | Mar-2022 | -296 | 2.49E-08 | -251.2094 | 100% (sig -) | Decreasing |
| GMW-29 | Benzene | 8 | 8 | 0 | 100 | --- | --- | 42 | 8900 | 3609 | 2700 | 3750.4136 | 1.0392 | 42 | Aug-2021 | 2 | 0.452 | --- | 54.8% (+) | No Trend |
| GMW-36 | Benzene | 67 | 59 | 8 | 88.06 | 0.3 | 10 | 0.64 | 28000 | 3893.5398 | 610 | 6363.5016 | 1.6344 | 0.5 | Mar-2022 | -990 | 4.22E-08 | -304.5721 | 100% (sig -) | Decreasing |
| GMW-O-11 | Benzene | 7 | 4 | 3 | 57.14 | 0.5 | 0.5 | 1.2 | 4200 | 606.8714 | 1.2 | 1466.9602 | 2.4173 | 43 | Mar-2022 | 0 | 0.5627 | --- | 43.7% (+) | No Trend |
| GMW-O-12 | Benzene | 8 | 8 | 0 | 100 | --- | --- | 23 | 13000 | 9127.875 | 11500 | 4718.2883 | 0.5169 | 23 | Aug-2021 | 0 | 0.548 | --- | 45.2% (+) | No Trend |
| GMW-O-14 | Benzene | 81 | 78 | 3 | 96.3 | 0.5 | 0.5 | 0.59 | 14000 | 5429.0628 | 5100 | 4318.7887 | 0.7955 | 0.5 | Mar-2022 | -253 | 0.151934475 | --- | 84.8% (-) | No Trend |
| GMW-O-20 | Benzene | 21 | 21 | 0 | 100 | --- | --- | 0.69 | 17000 | 3175.971 | 240 | 4901.2339 | 1.5432 | 0.69 | Mar-2022 | -162 | 5.82E-07 | -695.6282 | 100% (sig -) | Decreasing |
| GMW-O-21 | Benzene | 21 | 18 | 3 | 85.71 | 0.5 | 0.5 | 3.2 | 19000 | 4144.9381 | 2700 | 5149.8931 | 1.2425 | 0.5 | Mar-2022 | -120 | 0.000158434 | -777.658 | 100% (sig -) | Decreasing |
| GMW-O-23 | Benzene | 20 | 12 | 8 | 60 | 0.5 | 0.5 | 0.59 | 22000 | 3018.718 | 0.885 | 6449.0944 | 2.1364 | 0.5 | Mar-2022 | -143 | 8.90E-07 | -19.7053 | 100% (sig -) | Decreasing |
| GMW-O-24 | Benzene | 19 | 2 | 17 | 10.53 | 0.5 | 0.5 | 0.7 | 0.8 | 0.5263 | 0.5 | 0.0784 | 0.149 | 0.5 | Mar-2022 | -5 | 0.445 | --- | 55.5% (-) | No Trend |
| MW-O-1 | Benzene | 7 | 5 | 2 | 71.43 | 0.5 | 0.5 | 570 | 5900 | 1807.2857 | 580 | 2066.9967 | 1.1437 | 0.5 | Feb-2021 | -12 | 0.0515 | --- | 94.8% (-) | No Trend |
| MW-O-2 | Benzene | 17 | 17 | 0 | 100 | --- | --- | 86 | 17000 | 5167.2353 | 4100 | 5021.7154 | 0.9718 | 890 | Mar-2022 | -46 | 0.032 | -652.6412 | 96.8% (sig -) | Decreasing |

Appendix F
API Workbook (GMW-23)

API LNAPL Transmissivity Workbook
Calculation of LNAPL Transmissivity from Baildown Test Data

STEP 1: RESET OUTPUT SUMMARY

STEP 2: ENTER DATA & VIEW FIGURES

STEP 3: CHOOSE WELL CONDITIONS

STEP 4: LNAPL TRANSMISSIVITY SUMMARY

Mean LNAPL Transmissivity (ft²/d)

0.01

Standard Deviation (ft²/d)

0.00

Coefficient of Variation

0.32

Well Designation: GMW-23 Beckett and Lyverse (2002)
 Date: 31-Aug-21

| | | | | | |
|-----------------------------------|-------|-----------------------|----------|--------------------------|---|
| Ground Surface Elev (ft msl) | 0.0 | Enter These Data | r_{e1} | Drawdown Adjustment (ft) | 0 |
| Top of Casing Elev (ft msl) | 0.0 | | | | |
| Well Casing Radius, r_c (ft): | 0.167 | | | | |
| Well Radius, r_w (ft): | 0.500 | Calculated Parameters | 8.80 | 6.00 | |
| LNAPL Specific Yield, S_y : | 0.175 | | | | |
| LNAPL Density Ratio, ρ_r : | 0.780 | | | | |
| Top of Screen (ft bgs): | 25.0 | | | | |
| Bottom of Screen (ft bgs): | 60.0 | | | | |
| LNAPL Baildown Vol. (gal.): | 6.00 | | | | |
| Effective Radius, r_{e3} (ft): | 0.258 | | | | |
| Effective Radius, r_{e2} (ft): | 0.238 | | | | |
| Initial Casing LNAPL Vol. (gal.): | 3.67 | | | | |
| Initial Filter LNAPL Vol. (gal.): | 5.14 | | | | |

| | |
|---|------------|
| Submerged Screen | No |
| Radius of Influence Ratio | 30.00 |
| Theim Transmissivity (ft ² /day) | NA |
| Constant Discharge (ft ³ /day) | NA |
| Constant Confined Drawdown (ft) | NA |
| LNAPL Behavior (Perched, Unconfined, or Confined) | unconfined |
| Confining Layer Depth (ft bgs) | NA |
| Perched Confining Layer Depth (ft bgs) | NA |
| Formation Thickness (ft) | 4.00 |

borehole recharge

| LNAPL Transmissivity (ft ² /day) | | | |
|---|------------|------|--------------|
| B&R Method | C&J Method | CB&P | Theim Method |
| 0.005 | 0.01 | 0.01 | NA |

| Recovery Rate Estimates | |
|---|------|
| Average Transmissivity (ft ² /day) | 0.01 |
| Skimming Systems | |
| Maximum Skimming Drawdown (ft) | 0.88 |
| Estimated Skimming Recovery Rate (gpd) | 0.10 |
| Enhanced Skimming System | |
| Drawdown Enhancement (Vacuum or Water) (ft) | 1.00 |
| Estimated Enhanced Skimming Recovery Rate (gpd) | 0.25 |

| Enter Data Here | | | | | | Water Table Depth (ft) | LNAPL Drawdown s_n (ft) |
|--------------------|---------------|---------------|--------------|--------------|-------|------------------------|---------------------------|
| Time (min) | DTP (ft btoc) | DTW (ft btoc) | DTP (ft bgs) | DTW (ft bgs) | | | |
| 8/31/2021 10:00:00 | 0 | 33.27 | 38.89 | 33.27 | 38.89 | 34.51 | |

| LNAPL | | | | |
|--------------------|--------------------------------------|------------|------------|------------|
| Average Time (min) | Discharge Q_n (ft ³ /d) | s_n (ft) | b_n (ft) | r_e (ft) |
| | | | 5.62 | |

| Time | DTP (ft btoc) | DTW (ft btoc) | DTP (ft bgs) | DTW (ft bgs) | Water Table Depth (ft) | LNAPL Drawdown s_n (ft) | Average Time (min) | Discharge Q_n (ft ³ /d) | s_n (ft) | b_n (ft) | r_e (ft) |
|--------------------|---------------|---------------|--------------|--------------|------------------------|---------------------------|--------------------|--------------------------------------|------------|------------|------------|
| 8/31/2021 11:30:00 | 30.00 | 41.26 | 41.41 | 41.26 | 41.41 | 41.293 | 7.990 | | | 0.15 | |
| 9/1/2021 9:15:00 | 1335.00 | 33.98 | 34.87 | 33.98 | 34.87 | 34.176 | 1.041 | 682.5 | 0.1710 | 4.52 | 0.89 |
| 9/9/2021 14:20:00 | 13160.00 | 34.35 | 36.03 | 34.35 | 36.03 | 34.720 | 0.926 | 7247.5 | 0.0201 | 0.98 | 1.68 |
| 9/16/2021 10:10:00 | 22990.00 | 33.33 | 35.48 | 33.33 | 35.48 | 33.803 | 0.823 | 18075.0 | 0.0144 | 0.87 | 2.15 |
| 9/23/2021 13:00:00 | 33240.00 | 34.12 | 36.33 | 34.12 | 36.33 | 34.606 | 0.810 | 28115.0 | 0.0018 | 0.82 | 2.21 |
| 10/7/2021 11:55 | 53335.00 | 33.70 | 36.41 | 33.70 | 36.41 | 34.296 | 0.700 | 43287.5 | 0.0075 | 0.75 | 2.71 |
| 11/1/2021 9:48 | 89208.00 | 34.74 | 38.57 | 34.74 | 38.57 | 35.583 | 0.453 | 71271.5 | 0.0094 | 0.58 | 3.83 |
| 12/9/2021 8:30 | 143850.00 | 33.53 | 38.21 | 33.53 | 38.21 | 34.560 | 0.266 | 116529.0 | 0.0047 | 0.36 | 4.68 |
| 1/6/2022 11:45 | 184365.00 | 34.49 | 39.81 | 34.49 | 39.81 | 35.660 | 0.125 | 164107.5 | 0.0048 | 0.20 | 5.32 |
| 2/24/2022 11:30 | 254910.00 | 33.84 | 39.73 | 33.84 | 39.73 | 35.136 | 0.063 | 219637.5 | 0.0024 | 0.09 | 5.89 |
| 3/10/2022 9:21:00 | 274941.00 | 33.97 | 39.89 | 33.97 | 39.89 | 35.272 | 0.031 | 264925.5 | 0.0005 | 0.05 | 5.92 |

Figure 1

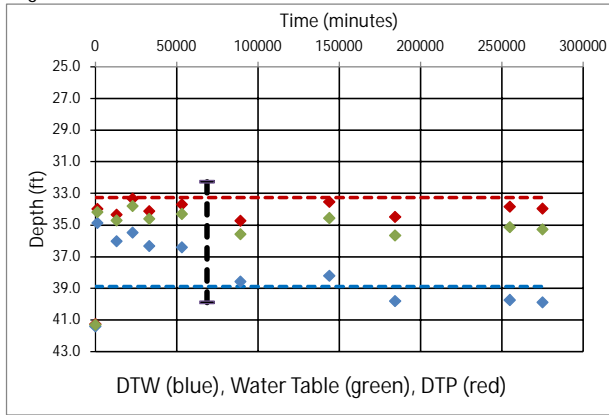


Figure 2

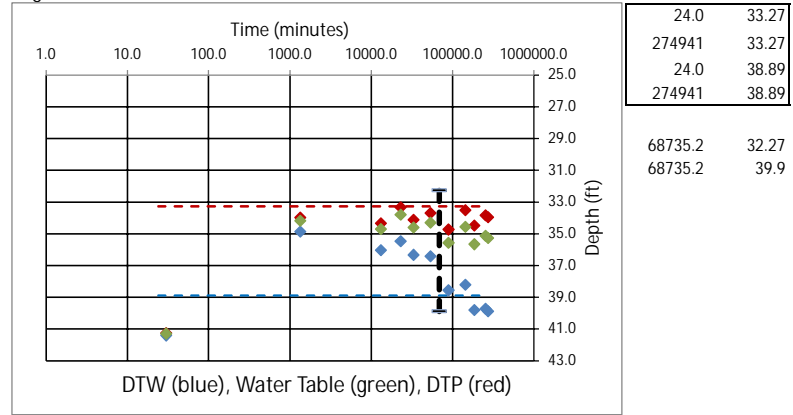


Figure 3

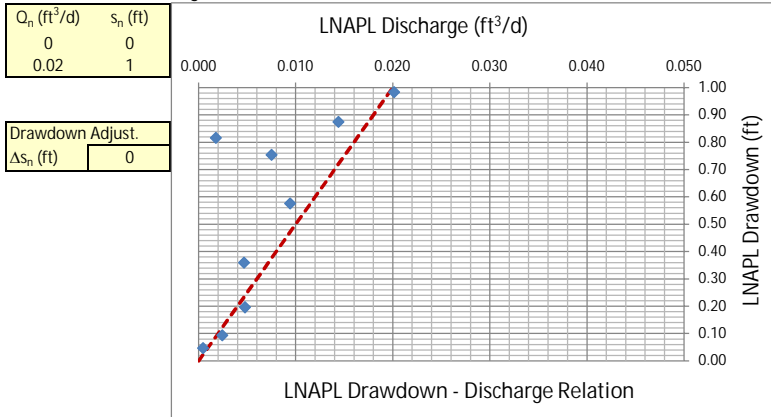


Figure 4

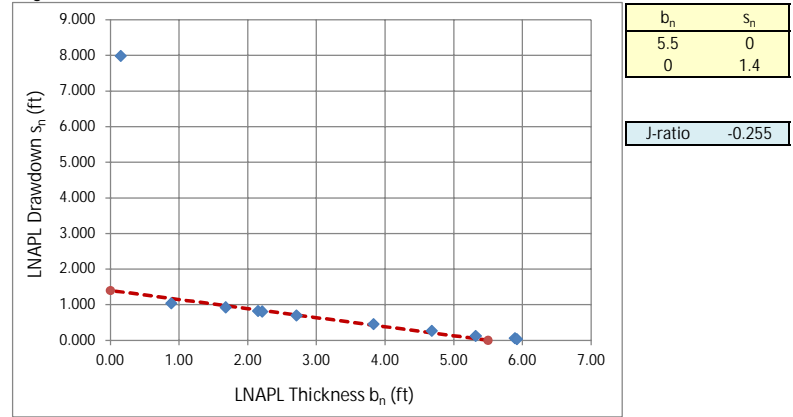


Figure 5

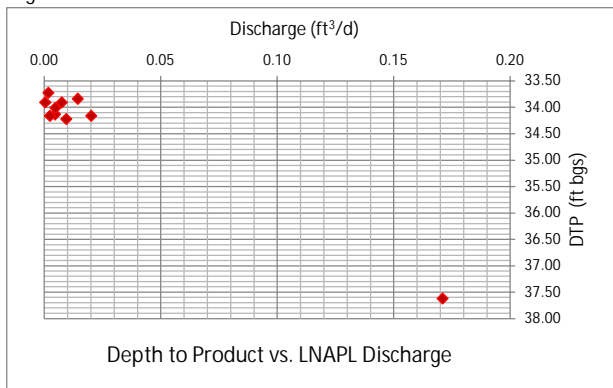


Figure 6

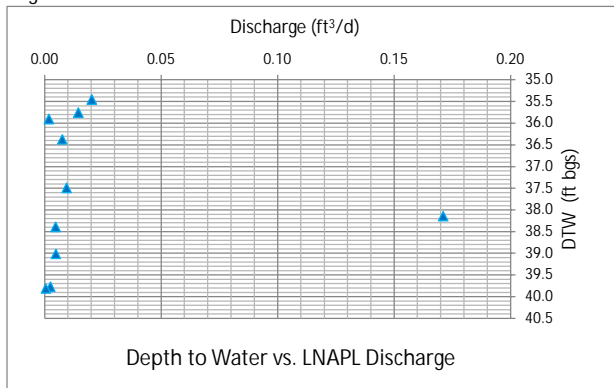


Figure 7

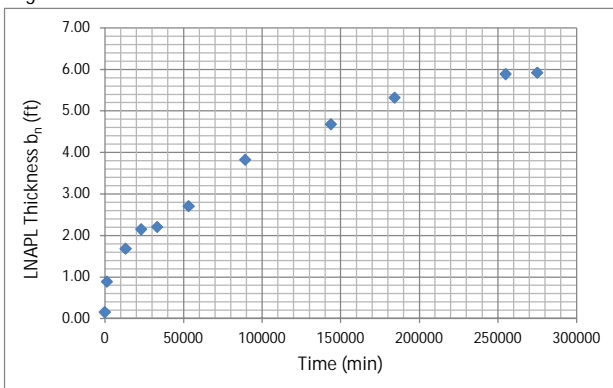


Figure 8

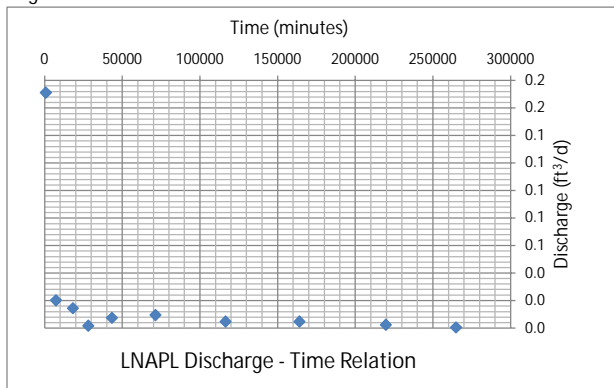


Figure 9

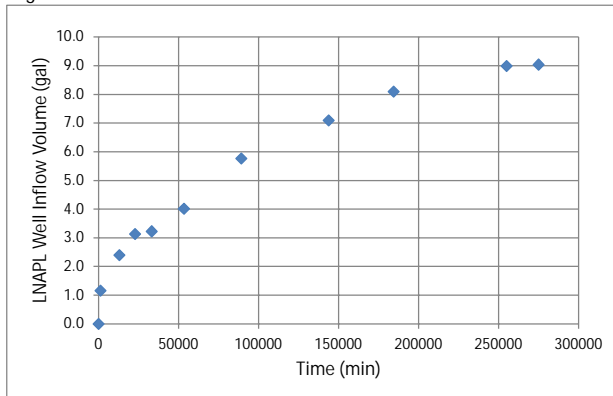
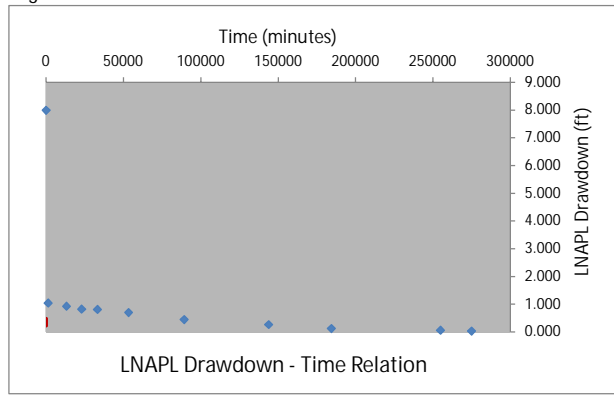


Figure 10



| t (min) | s_n (ft) |
|---------|------------|
| 10 | 0.48 |
| 10 | 0 |

Generalized Bouwer and Rice (1976)

| | |
|-------------------|-----------|
| Well Designation: | GMW-23 |
| Date: | 31-Aug-21 |

$$T_n = \frac{r_e^2 \ln(R/r_e) \ln(s_n(t_1)/s_n(t))}{2(-J)(t-t_1)}$$

Enter early time cut-off for least-squares model fit

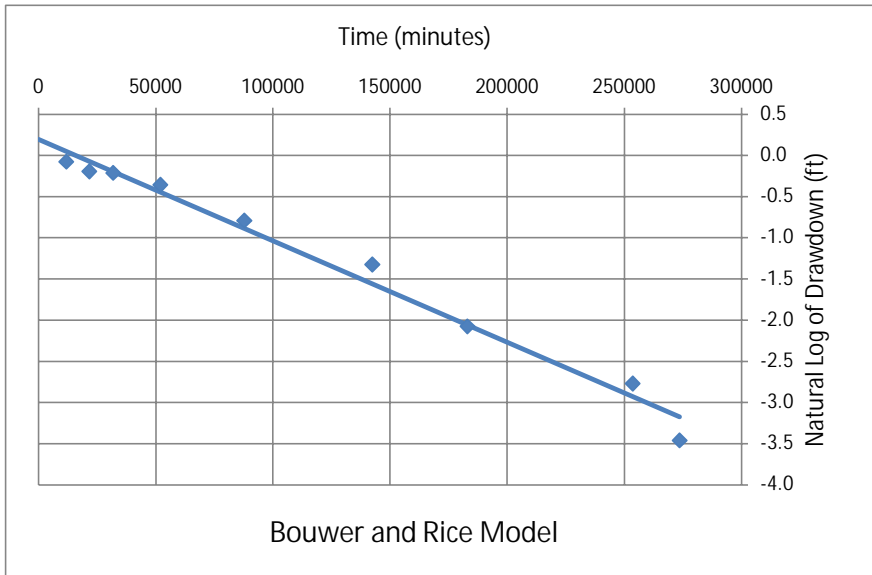
Time_{cut} <- Enter or change value here

Model Results: T_n (ft²/d) = +/- ft²/d

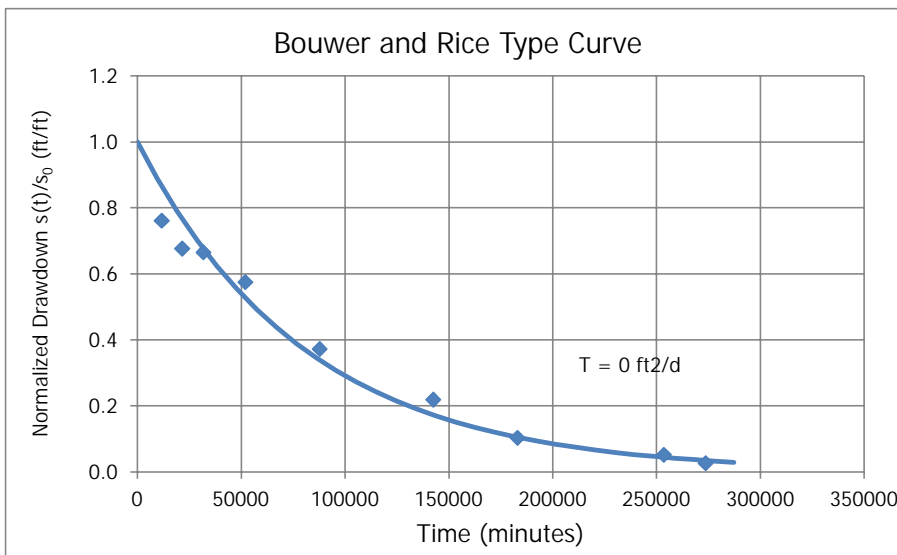
| | |
|-----------|-------|
| L_e/r_e | 21.8 |
| C | 1.66 |
| R/r_e | 10.05 |

| | |
|---------|--------|
| J-Ratio | -0.255 |
|---------|--------|

| | |
|--------------------|------|
| Coef. Of Variation | 0.05 |
|--------------------|------|



C coefficient calculated from Eq. 6.5(c) of Butler, The Design, Performance, and Analysis of Slug Tests, CRC Press, 2000.



Cooper and Jacob (1946)

| | |
|-------------------|-----------|
| Well Designation: | GMW-23 |
| Date: | 31-Aug-21 |

$$V_n(t_i) = \sum_j^i \frac{4\pi T_n S_j}{\ln\left(\frac{2.25 T_n t_j}{r_e^2 S_n}\right)} \Delta t_j$$

Enter early time cut-off for least-squares model fit

| | | |
|----------------------------|------|--------------------------------|
| Time _{cut} (min): | 1400 | <- Enter or change values here |
| Time Adjustment (min): | 1300 | |

Trial S_n: <- Enter d for default or enter S_n value

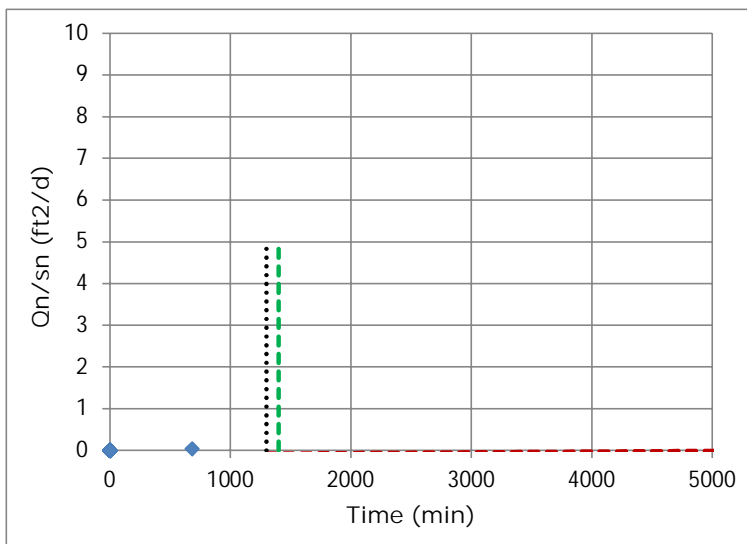
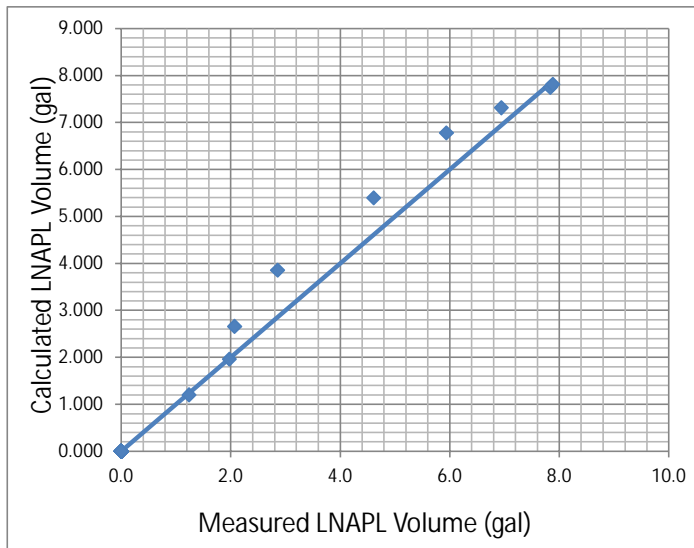
Root-Mean-Square Error: <- Minimize this using "Solver"

<- Working S_n

Trial T_n (ft²/d): <- By changing T_n through "Solver"

Add constraint T_n > 0.00001

Model Result:



Height

Cooper, Bredehoeft and Papadopoulos (1967)

| | |
|-------------------|-----------|
| Well Designation: | GMW-23 |
| Date: | 31-Aug-21 |

Enter early time cut-off for least-squares model fit

| | | |
|---------------------------------------|--------|--------------------------------|
| Time _{cut} (min): | 1500 | <- Enter or change values here |
| Initial Drawdown s _n (ft): | 1.0406 | |

Trial S_n: d <- Enter d for default

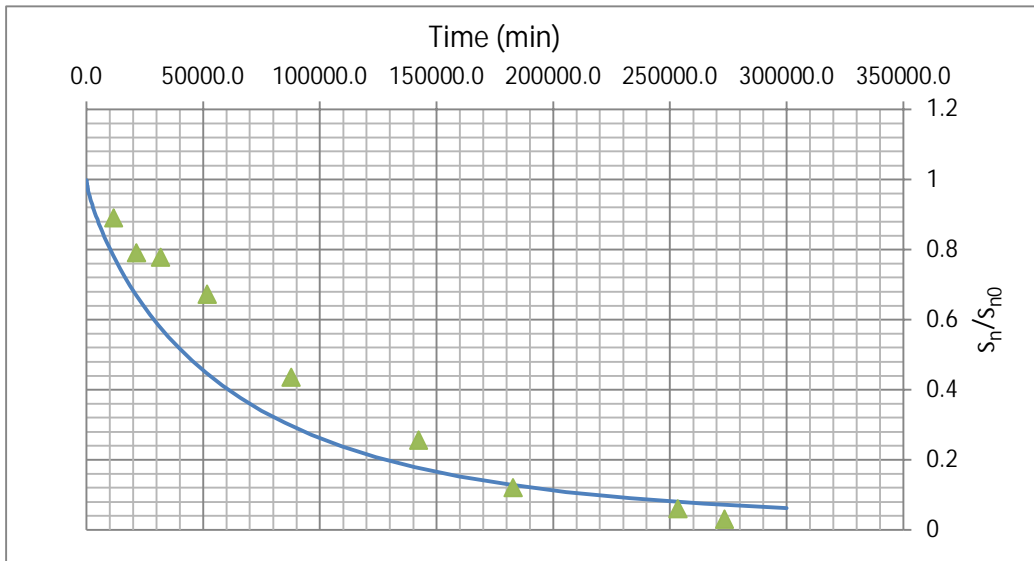
Root-Mean-Square Error: 0.383 <- Minimize this using "Solver"

Trial T_n (ft²/d): 0.010 <- By changing T_n through "Solver"

0.003 <- Working S_n Add constraint T_n > 0.00001

Model Result: T_n (ft²/d) = 0.01

| | |
|------------------|--------|
| T _{min} | 1 |
| T _{max} | 300000 |



J-Ratio
-0.255

Bouwer and Rice Short Term LNAPL Mobility Test Type Curves

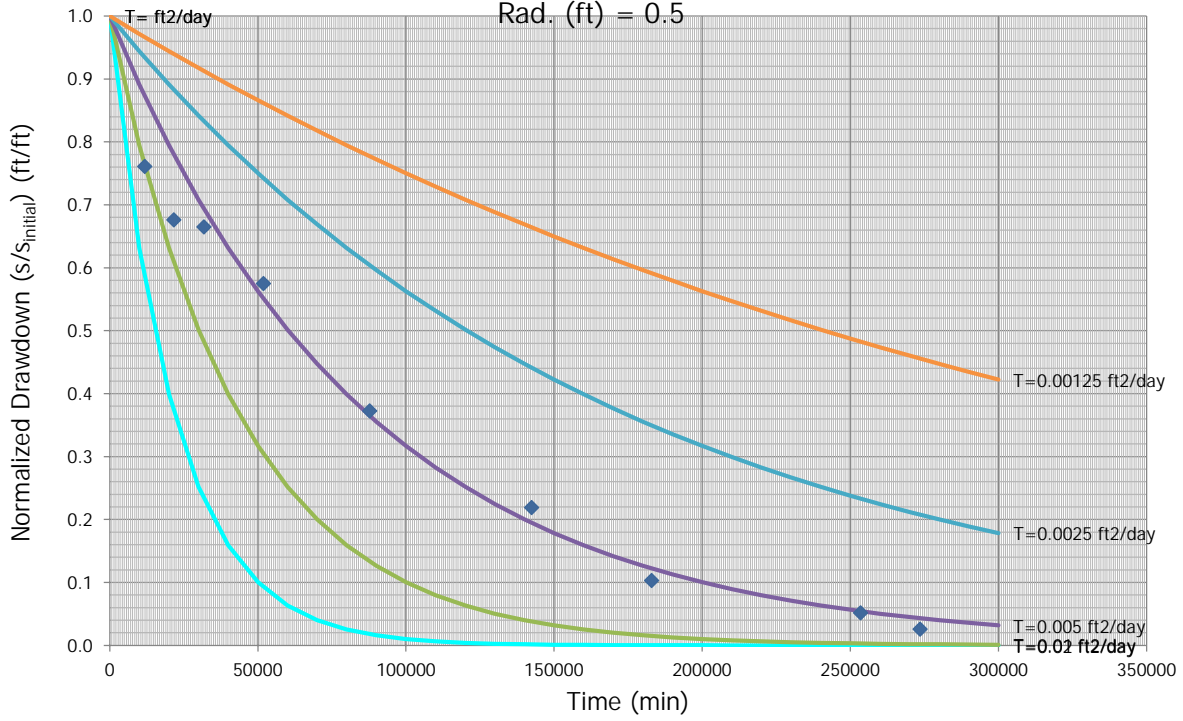
B&R Type Curves: Casing Rad. (ft) = 0.166666666666667 ; Borehole Rad. (ft) = 0.5

Enter these values

| Type Curve ID | Type Curve Name | Notes | Max Time (min) | Transmissivity (ft ² /day) |
|---------------|--------------------------------|-------|----------------|---------------------------------------|
| 1 | T=0.02 ft ² /day | | 300000 | 0.02 |
| 2 | T=0.01 ft ² /day | | 300000 | 0.01 |
| 3 | T=0.005 ft ² /day | | 300000 | 0.005 |
| 4 | T=0.0025 ft ² /day | | 300000 | 0.0025 |
| 5 | T=0.00125 ft ² /day | | 300000 | 0.00125 |
| 6 | T= ft ² /day | | | |
| 7 | T= ft ² /day | | | |

| | |
|---------|----------------------|
| J-Ratio | |
| -0.255 | <-- If uncertain use |
| -0.22 | |

B&R Type Curves: Casing Rad. (ft) = 0.166666666666667 ; Borehole Rad. (ft) = 0.5



| | Date | FP Level | Water Level | FP Thickness | Notes |
|--------|-----------------|----------|-------------|--------------|--------------------------------|
| GMW-23 | 8/31/2021 10:00 | 33.27 | 38.89 | 5.62 | Bailed approx 6 gallons |
| | 8/31/2021 11:30 | 41.26 | 41.41 | 0.15 | NA |
| | 9/1/2021 9:15 | 33.98 | 34.87 | 0.89 | NA |
| | 9/9/2021 14:20 | 34.35 | 36.03 | 1.68 | NA |
| | 9/16/2021 10:10 | 33.33 | 35.48 | 2.15 | NA |
| | 9/21/2021 13:00 | 34.12 | 36.33 | 2.21 | NA |
| | 10/7/2021 11:55 | 33.7 | 36.41 | 2.71 | NA |
| | 11/1/2021 9:48 | 34.74 | 38.57 | 3.83 | BTS gauged |
| | 12/9/2021 8:30 | 33.53 | 38.21 | 4.68 | NA |
| | 1/6/2022 11:45 | 34.49 | 39.81 | 5.32 | Rained approx 5.7" (12/20-1/1) |
| | 2/24/2022 11:30 | 33.84 | 39.73 | 5.89 | |
| | 3/10/2022 9:21 | 33.97 | 39.89 | 5.92 | |

Depth to Corrected Groundwater (ft bTOC)

34.5064
41.293
34.1758
34.7196
33.803
34.6062
34.2962
35.5826
34.5596
35.6604
35.1358
35.2724

