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<u>Submittal Type:</u>	GEO_REPORT
<u>Report Title:</u>	SECOND SEMIANNUAL 2023 GROUNDWATER MONITORING AND SAMPLING REPORT, DEFENSE FUEL SUPPORT POINT NORWALK
<u>Report Type:</u>	Monitoring Report - Semi-Annually
<u>Report Date:</u>	2/1/2024
<u>Facility Global ID:</u>	SLT43185183
<u>Facility Name:</u>	Norwalk, Fuel Terminal DFSP - DOD - NORWALK DFSP
<u>File Name:</u>	SECOND SEMIANNUAL 2023 GROUNDWATER MONITORING AND SAMPLING REPORT, DEFENSE FUEL SUPPORT POINT NORWALK.pdf
<u>Organization Name:</u>	The Source Group, Inc.(Subsidiary of Apex Companies, LLC)
<u>Username:</u>	SIGNAL HILL
<u>IP Address:</u>	172.117.126.198
<u>Submittal Date/Time:</u>	2/2/2024 12:09:48 PM
<u>Confirmation Number:</u>	2062060356



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February 01, 2024

Mr. Paul Cho, P.G.
Engineering Geologist, Site Cleanup V
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Dear Mr. Cho:

Attached is the *Second Semiannual 2023 Groundwater Monitoring and Sampling Report* for Defense Fuel Support Point Norwalk (SCP NO. 0286A, SITE ID NO. 16638) located at 15306 Norwalk Boulevard, Norwalk, California.

If you have any questions or require additional information concerning this document, please contact me at (571) 634-2828 or brian.schick@dla.mil.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Schick", is positioned above the typed name.

Brian D. Schick
Acting Restoration Branch Chief

Enclosure
As stated

cc:
Neil Irish, P.G., Principal Geologist, SGI/Apex

**SECOND SEMIANNUAL 2023 GROUNDWATER
MONITORING AND SAMPLING REPORT**

Defense Fuel Support Point Norwalk

**15306 Norwalk Boulevard
Norwalk, California 90650**

Contract SPE603-20-D-5008

Prepared For:



Defense Logistics Agency - Energy

8725 John J. Kingman Drive
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Prepared By:



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February 1, 2024



Prepared By:



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LIST OF ACRONYMS

µg/L	micrograms per liter
1,2-DCA	1,2-dichloroethane
Alpha	Alpha Analytical, Inc.
Apex	Apex Companies
bgs	below ground surface
Blaine Tech	Blaine Tech Services, Inc.
BTEX	benzene, toluene, ethylbenzene, and xylenes
CH2M	CH2M HILL Engineers, Inc.
DFSP Norwalk	Defense Fuel Support Point Norwalk
DIPE	diisopropyl ether
DLA	Defense Logistics Agency - Energy
ELAP	Environmental Laboratory Accreditation Program
EPA	Environmental Protection Agency
ETBE	ethyl tertiary-butyl ether
ft/ft	feet per foot
gpm	gallons per minute
Jacobs	Jacobs Engineering Group, Inc.
JP-4	jet propellant No. 4
JP-5	jet propellant No. 5
JP-8	jet propellant No. 8
Kinder Morgan	Kinder Morgan, Inc.
mL	milliliter
mL/min	milliliters per minute
MSL	mean sea level
MTBE	methyl tertiary-butyl ether
NPDES	National Pollutant Discharge Elimination System
RWQCB	Los Angeles Regional Water Quality Control Board
SAP	sampling and analysis plan
SFPP	Santa Fe Pacific Pipeline, L.P.
SGI	The Source Group, Inc.
Site	Defense Fuel Support Point Norwalk
TAME	tertiary-amyl methyl ether
TBA	tertiary-butyl alcohol
TFE	total fluids extraction
TPH	total petroleum hydrocarbons
TPHd	total petroleum hydrocarbons quantified as diesel
TPHg	total petroleum hydrocarbons quantified as gasoline
UFP-QAPP	<i>Uniform Federal Policy Quality Assurance Project Plan</i>
VOC	volatile organic compound

1.0 INTRODUCTION

This report summarizes the results of the second semiannual 2023 groundwater monitoring and sampling event conducted at the Defense Fuel Support Point (DFSP) Norwalk (Site), located at 15306 Norwalk Boulevard in Norwalk, California (Figure 1). It was prepared by The Source Group, Inc. (SGI), a wholly owned subsidiary of Apex Companies (Apex), on behalf of the Defense Logistics Agency - Energy (DLA) and Santa Fe Pacific Pipeline, L.P. (SFPP), an indirect subsidiary of Kinder Morgan, Inc. (Kinder Morgan).

The results documented in this report are based on groundwater monitoring conducted in general accordance with the revised sampling and analysis plans (SAPs) prepared by DLA (Parsons Corporation, 2013) and SFPP (CH2M HILL Engineers, Inc. [CH2M], 2013) and DLA's *Uniform Federal Policy Quality Assurance Project Plan* (UFP-QAPP; SGI/Apex, 2021). The Los Angeles Regional Water Quality Control Board (RWQCB) approved the sampling plans on October 23, 2013, and June 27, 2013, respectively (RWQCB, 2013a and 2013b). The revised SAPs specify the wells to be gauged and sampled during each sampling event and summarize field, laboratory, and quality control procedures. The UFP-QAPP provides a blueprint for the entire project and each specific task to ensure the project produces reliable data and includes detailed procedures for all aspects of the project (e.g., fluid level measurement in wells, monitoring well sampling, etc.).

DLA and SFPP jointly perform semiannual groundwater monitoring and sampling at the Site to address respective impacts to groundwater by each entity. DLA contracted SGI/Apex and SFPP contracted Jacobs Engineering Group, Inc. (Jacobs), to perform project oversight of groundwater monitoring activities. SFPP contracted Blaine Tech Services, Inc. (Blaine Tech), to gauge and sample the designated SFPP wells, and SGI/Apex personnel conducted the gauging and sampling for DLA. SGI/Apex was retained by DLA to compile and interpret the data collected during this semiannual event and to prepare this summary report.

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

Based upon the results of these investigations, the principal chemical constituents of concern at the Site are:

- total petroleum hydrocarbons (TPH), including TPH quantified as gasoline (TPHg), diesel fuel (TPHd), Jet Propellant No.4 (JP-4), Jet Propellant No.5 (JP-5), and Jet Propellant No.8 (JP-8),
- benzene, toluene, ethylbenzene, and xylenes (BTEX),
- 1,2-dichloroethane (1,2-DCA),

- methyl tertiary-butyl ether (MTBE), and
- tertiary-butyl alcohol (TBA).

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

In addition to the samples collected from wells screened in the uppermost aquifer, five wells screened in the deeper Exposition Aquifer (EXP-1 through EXP-5) were also sampled. Information in the *Planned Utilization of the Ground Water Basins of the Coastal Plan of Los Angeles County* (State of California Department of Water Resources, 1961), indicates that, in the vicinity of the DFSP Norwalk Site, the Exposition Aquifer is approximately 64 feet thick and extends from approximately 42 to 106 feet below ground surface (bgs). Based upon historical monitoring and analytical data, the aquitard between the Exposition Aquifer and the uppermost aquifer has effectively protected groundwater quality in the Exposition Aquifer from Site contaminants. Although very low concentrations of some Site contaminants have been reported in Exposition Aquifer groundwater samples, these detections have generally been transient, isolated occurrences.

Although the sampling events are conducted in general accordance with the revised SAPs, some changes and amendments to the scope of work are made, as appropriate, to meet project objectives. Deviations from the SAPs include adding additional wells for gauging and sampling, and not gauging or sampling wells that are included in the SAPs. During this event, eight wells included in the SAPs were not gauged, and 12 wells were not sampled. The wells that were not gauged have been decommissioned (GMW-27, GMW-37, GMW-38, GMW-SF-7, and MW-SF-9), could not be located (GMW-40 and GMW-54), or could not be gauged due to a stuck groundwater pump (GMW-O-15). Some wells could not be sampled because of obstructions (GMW-32, GMW-33, and WCW-7), they have been decommissioned (GMW-27, GMW-37, GMW-38, GMW-O-15, GMW-SF-7, and MW-SF-9), they could not be located (GMW-40 and GMW-54), or went dry during purging and recovery was insufficient for sample collection (HL-2). During this event, in addition to the wells specified for gauging and sampling, 20 additional wells were gauged, and four additional wells were sampled by SGI/Apex and 20 additional wells were gauged and 13 additional wells were sampled by Blaine Tech.

This report furnishes information pertinent to the second semiannual 2023 groundwater monitoring and sampling event. This report includes groundwater gauging and sampling data from selected wells throughout the DFSP Norwalk facility and from wells located off Site and provides an updated description of the status of the dissolved-phase and non-aqueous liquid-phase (floating product) hydrocarbon plumes.

2.0 FIELD AND LABORATORY ACTIVITIES

An overview of the semiannual monitoring event is provided in Section 2.1. Field and laboratory methods are described in Section 2.2 and Section 2.3, respectively.

2.1 Semiannual Groundwater Monitoring and Sampling

DLA wells were gauged by SGI/Apex personnel from November 6-8, 2023, and SFPP wells were gauged by Blaine Tech on November 6, 2023. During this semiannual monitoring event, SGI/Apex and Blaine Tech gauged 180 wells. Ten of the 180 wells gauged during this monitoring event were dry and obstructions were present in five of these ten wells. When field gauging data indicates that a well is dry, the gauging data is compared with the total depth to which the well was installed. If the gauging data is at or near the installed depth, this indicates that the depth to groundwater is greater than the total depth of the well. If the gauging depth of a “dry” well is not at or near the total depth of the well, this indicates that the well is obstructed and may require rehabilitation. Obstructed DLA-owned wells will be rehabilitated during the first quarter of 2024. Gauging data and calculated groundwater elevations and product thicknesses are summarized in Table 2. Field documentation is provided in Appendix A.

From November 6 to November 15, 2023, 127 monitoring wells were purged and sampled. Fourteen duplicate samples and three split samples were collected by SGI/Apex and Blaine Tech for laboratory analysis during this sampling event. Including duplicate and split samples, a total of 144 groundwater samples were analyzed. The wells sampled during this event are shown in bold in Table 1. Sampling was conducted using low-flow methodology, as described in Section 2.2. Exposition Aquifer wells EXP-1, EXP-2, and EXP-3 were gauged and sampled by both SGI/Apex (for DLA) and Blaine Tech (for SFPP).

Field activities were conducted in accordance with the revised sampling plans as described in Section 1.0. Groundwater samples collected for DLA were submitted to American Analytics in Chatsworth, California, and groundwater samples collected for SFPP were submitted to Alpha Analytical, Inc. (Alpha), in Sparks, Nevada. Both laboratories are certified by the Environmental Laboratory Accreditation Program (ELAP) of the California Department of Public Health and American Analytics is also certified by the Department of Defense ELAP. Samples were submitted to the analytical laboratories under chain-of-custody protocol for the analyses described in Section 2.2.2.

2.2 Field Methods

SGI/Apex and Blaine Tech personnel measured depth to water and depth to product in the prescribed wells using interface probe well-monitoring instruments. The interface probes differentiate between water and hydrocarbons using conductivity measurements. The interface probes were cleaned with a laboratory-grade cleanser, and then rinsed successively in two containers with distilled water prior to each measurement.

Fuel-absorbent socks were present in GMW-7 and in eastern off-Site wells GMW-62 and GMW-68. The absorbent socks are 2 inches in diameter and the wells are 4 inches in diameter. There is enough room in these wells for the interface probe to measure liquid levels without removing the socks.

Before sampling, the wells were purged using low-flow purge techniques. Flowrates ranged from approximately 0.026 to 0.125 gallons per minute (gpm; approximately 100 to 473 milliliters per minute [mL/min]), averaging 0.081 gpm (305 mL/min). During purging, groundwater field parameters (temperature, pH, electrical conductivity, turbidity, dissolved oxygen, and oxidation-reduction potential) were monitored. Water levels were also monitored during low-flow purging to verify and ensure minimal drawdown. Between approximately 0.40 and 2.75 gallons (1,500 to 10,410 mL) were pumped from each well prior to sampling.

Sampling equipment varied between the two organizations that conducted the fieldwork. Samples for SFPP were collected using a 2-inch-diameter Grundfos submersible pump with new or dedicated tubing, whereas samples for DLA were collected using 2-inch-diameter Monsoon submersible pumps with new low-density polyethylene tubing used for each well. The pumps were thoroughly decontaminated prior to each well by scrubbing the exterior in a non-phosphatic detergent solution and a double-rinse with distilled water. Detergent solution and distilled water were then pumped through the unit to decontaminate the interior of the pump. For DLA's wells, three separate Monsoon pumps are dedicated to the DFSP Norwalk project to decrease the possibility of cross-contamination. Based upon historical analytical data, one pump is used in "clean" wells, one pump is used in wells with moderate hydrocarbon impact, and one pump is used in the most heavily impacted wells. Field documentation is provided in Appendix A.

Groundwater field parameters were allowed to stabilize before collecting samples. Groundwater samples to be analyzed for TPHg, TPHd (SFPP samples only), and volatile organic compounds (VOCs) were collected in 40-milliliter (40-mL) volatile organic analysis vials containing hydrochloric acid preservative, filled to zero headspace, and sealed with Teflon septa and airtight caps. DLA groundwater samples for analysis of TPHd were collected in 250-mL amber bottles and sealed with Teflon-lined airtight caps. The samples were labeled and placed on ice in thermally insulated coolers for transport to the laboratory following proper chain-of-custody procedures.

2.3 Laboratory Analytical Methods

Samples collected for DLA were sent to American Analytics in Chatsworth, California, and samples collected for SFPP were sent to Alpha in Sparks, Nevada, for laboratory analysis. The laboratory analytical program included analysis for VOCs using 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 "TPHg" throughout this report. Results for TPH analyses using extraction sample preparation for groundwater samples were quantified and reported against a

commercial diesel standard (C14 to C22; results abbreviated “TPHd”). Laboratory analytical reports are provided in Appendix B.

3.0 GROUNDWATER GAUGING RESULTS

Measurements of water level and floating product thickness collected during this semiannual monitoring event are described in the following sections. Depths to groundwater and product (if present), measured product thicknesses, and calculated groundwater elevations are summarized in Table 2. Groundwater elevation contours for the uppermost groundwater zone along with the interpreted lateral extent of floating product plumes are shown on Figure 2. The distribution of floating product and measured product thicknesses are shown on Figure 3. Groundwater elevation contours for the deeper Exposition Aquifer are shown on Figure 4. Historical water level measurements, measured product thicknesses, and groundwater elevations are summarized in Appendix C.

The following wells were not considered in contouring groundwater elevation in the uppermost groundwater zone:

- Wells containing measurable floating product,
- The five wells screened in the Exposition Aquifer (EXP-1 through EXP-5),
- Five wells screened near the bottom of the uppermost aquifer [MW-18(MID), MW-19(MID), MW-20(MID), MW-21(MID), and MW-22(MID)], and
- Ten wells (GMW-45, GMW-49, GMW-62, GW-14R, GW-16, RTF-18-N, RTF-18-NW, RTF-18-W, TF-23, and TRF-27) with groundwater elevations that appear anomalous based upon comparison with groundwater elevations in nearby wells.

The exclusion of groundwater elevation data from these wells during the development of the interpreted groundwater contour maps provides a more generalized representation of the groundwater potentiometric surface.

3.1 Groundwater Gradient Conditions

3.1.1 Uppermost Groundwater Zone

Depth to groundwater (excluding wells containing measurable floating product and Exposition Aquifer wells) in the uppermost groundwater zone ranged from 8.74 to 44.80 feet below the tops of the well casings (Table 2). Groundwater elevations ranged from 31.53 to 66.57 feet above mean sea level (MSL). Since the first semiannual 2023 monitoring event, groundwater elevations rose an average of 0.26 foot in uppermost groundwater zone wells that did not contain floating product. Changes in elevation ranged from a decrease of 11.61 feet in PZ-2 to an increase of 25.78 feet in TF-23.

The groundwater potentiometric surface is depicted on Figure 2. The groundwater contours beneath the Site indicate the effect of ongoing remediation, with localized groundwater depressions and groundwater mounding. Localized groundwater depressions were interpreted near former Tank 80002, between of former Tanks 80006 and 80013, west of former Tank 80007, east of former Tank 80008, in the south-central area at PZ-2, and off Site to the south at GMW-O-21. Groundwater

mounding was indicated former Tank 80008, north of former Tank 80017, off Site to the east near GMW-62 and GMW-68, off Site to the south at monitoring well GMW-O-11, and in the southeastern corner of the Site at monitoring well GMW-36. Off-Site to the west, gradients were toward the southwest at approximately 0.001 feet per foot (ft/ft).

The groundwater surface observed during this (and previous) monitoring events is largely controlled by groundwater pumping, with the majority of the groundwater extraction occurring in the south-central (Kinder Morgan), northwestern, and northeastern areas. Although groundwater extraction was suspended prior to gauging, residual effects of this groundwater extraction result in the observed depressions. The mechanism causing the observed mounding is not understood. However, localized mounding has been observed historically and is transient.

Historically, the overall gradient direction (when groundwater extraction wells and biosparging are not in operation) in the uppermost aquifer has been toward the north-northwest.

Groundwater levels in MW-18(MID), MW-19(MID), MW-20(MID), MW-21(MID), and MW-22(MID), screened in the lower section of the uppermost aquifer, varied from groundwater levels measured in nearby wells installed in the upper portion of the uppermost aquifer. In general, groundwater levels measured in these "MID" wells were lower than groundwater levels measured in nearby wells, with the exception of similar groundwater levels measured in nearby wells MW-21(MID) and HL-3. Groundwater elevations in these five "MID" wells ranged from 35.79 to 40.54 feet above MSL.

The calculated elevations in ten wells (GMW-45, GMW-49, GMW-62, GW-14R, GW-16, RTF-18-N, RTF-18-NW, RTF-18-W, TF-23, and TRF-27) were anomalous based upon comparison with nearby wells. These seven wells and the "MID" wells were not used to develop the equipotential map for the uppermost aquifer.

As summarized in Table 2:

- three wells (GMW-40, GMW-49, and GMW-54) could not be located,
- obstructions were encountered in five wells (GMW-32R, GMW-33, MW-SF-16, PZ-10, and WCW-7), and
- five wells (MW-SF-5, MW-SF-10, MW-SF-14, VEW-1, and VEW-2) were dry.

3.1.2 Exposition Aquifer

Depth to groundwater in the Exposition Aquifer wells ranged from 52.74 to 60.36 feet below the tops of the well casings (Table 2). Based upon data collected by Blaine Tech (Appendix A), groundwater elevations in the Exposition Aquifer wells ranged from 19.24 to 19.67 feet above MSL. Since the first semiannual 2023 monitoring event, groundwater elevations rose an average of 0.23 foot in the Exposition Aquifer wells. Changes in elevation ranged from a decrease of 2.44 feet in EXP-3 to an increase of 1.28 foot in EXP-2.

The groundwater potentiometric surface for the Exposition Aquifer is shown on Figure 4. Off Site to the southeast, the groundwater gradient in the Exposition Aquifer was toward the northwest at 0.0003 ft/ft and off Site to the northwest, the gradient was toward the southeast at approximately

0.0002 ft/ft. Beneath the Site, groundwater in the Exposition Aquifer was very flat with a very slight northward gradient.

3.2 Distribution of Floating Product

Floating product was measured or observed in three of the 180 wells that were gauged during this monitoring event. Measurable product was present in south-central wells GMW-23, GMW-29, and GMW-30.

Floating product present on groundwater during this monitoring event ranged from 0.05 foot, measured thickness, in GMW-29 and GMW-30 to 2.51 feet, measured thickness, in GMW-23. Measured product thicknesses, well gauging data, and groundwater elevations are summarized in Table 2. The detection of floating product in these wells during this monitoring event along with data obtained from remediation system operations and historical detections of floating product were used in interpreting the current extent of floating product at the Site. These interpretations are shown on Figure 3. Measured product thicknesses for the current semiannual monitoring event (November 2023) and two previous monitoring events (November 2022 and May 2023) are shown on Figure 3.

The databoxes on Figure 3 are color-coded to indicate whether the product thicknesses measured during the current monitoring event are increasing, decreasing, or stable as compared with the product thicknesses measured in November 2022. A blue data label indicates a decrease in measured product thickness greater than or equal to 10 percent from the previous year, a red label indicates an increase greater than or equal to 10 percent, and a white label indicates no change greater than 10 percent, or the change could not be determined due to insufficient data. All of the wells that were reported to contain measurable product during the first semiannual 2023 groundwater monitoring event have decreased in product thickness by greater than 10 percent. The changes in measured product thicknesses may be due to seasonal fluctuations of the water table elevation or remediation system operations.

Current Conditions

During the first semiannual 2023 groundwater monitoring event, floating product was present one well in the north-central area (0.04 foot, measured thickness, in TFR-22). No measurable product was present in TFR-22 during the current monitoring event. This is the first time since the beginning of groundwater monitoring that none of the wells in the tank farm area were reported to contain measurable product.

Floating product was detected in the south-central area in three on-Site wells (2.51 feet, measured thickness, in GMW-23; and 0.05 foot, measured thickness, in GMW-29 and GMW-30). Since the May 2023 monitoring event, measured product thicknesses increased in GMW-23 (by 0.52 foot), and decreased in GMW-29 (by 0.03 foot) and GMW-30 (by 0.05 foot).

Floating product was not measured or observed in the truck rack area, the north-central area, the east-central area, or in the southeastern 24-inch-diameter block valve area during this monitoring event.

The current historically low water table elevations have allowed residual product to drain from pore spaces within the smear zone and collect in certain wells, or increase in thickness in wells with measurable product already present. The water table elevation is related to annual rainfall and the cumulative rainfall over time. As shown in the hydrograph on Figure 5, since the 2005/2006 El Niño, groundwater elevations in the uppermost aquifer have declined an average of approximately 11.7 feet to the current low water levels across the Site. Elevations in Exposition Aquifer wells have declined an average of approximately 10.3 feet since the 2005/2006 El Niño. Continued total fluids extraction, vacuum extraction, manual bailing, and absorbent socks will remove the product that has accumulated due to these low water levels.

Comparison of Current Conditions with Data Collected in May 2023

Since the previous monitoring event in May 2023 (Jacobs, 2023), measured product thicknesses increased in one well (GMW-23), and decreased in three wells (GMW-29, GMW-30, and TFR-22). Changes in measured product thickness ranged from an increase of 0.52 foot in GMW-23 to a decrease of 0.05 foot in GMW-30. Floating product was not present TFR-22 (reported to contain 0.04 foot in May 2023). Areas impacted with floating product are shown on Figure 3.

Comparison of Current Conditions with Data Collected in November 2022

Since the second semiannual 2022 monitoring event in November 2022 (SGI/Apex, 2023), measured product thicknesses decreased in one well in the north-central area (TFR-22) and in south-central on-Site wells GMW-23, GMW-29, and GMW-30.

3.2.1 Comparison of Current Product Distribution with Historical Maximum Measured Product Thickness

A significant reduction in the occurrence and measured thickness of floating product has been observed since remedial efforts were initiated at DFSP Norwalk. Table 3 summarizes all of the wells that have historically contained floating product along with the maximum measured product thicknesses, current (most recent) product thickness data (the majority of the current values were measured during the second semiannual 2023 groundwater monitoring event in November 2023), and the percent reduction from historical maximum thicknesses. Review of historical and current product data shows substantial reductions in measured floating product thickness throughout the Site.

In the north-central area, historical maximum product thicknesses range up to 7.42 feet (measured in TFR-29 on April 16, 2018). Based upon the most recent gauging data, no measurable product was present in the north-central monitoring wells. Fifty-three of the 54 wells in this area that have historically contained floating product show 100 percent reduction from their historical maximum thicknesses (i.e., the product has been eliminated in these wells). Monitoring well TF-26 contained floating product the last time it was gauged in 2014. Although TF-26 is no longer available for gauging, note that collocated well GMW-21 has not contained measurable product since October 2017 (Appendix C).

Measurable product was not present in the east-central area during the current monitoring event. Historical maximum thicknesses in the east-central area range up to 6.07 feet (measured in GW-15

on April 13, 2013). Measured floating product thicknesses in the east-central area show 100 percent reduction in all six wells that have historically contained floating product.

In the truck rack area, three wells have historically contained floating product with the maximum historical product thickness recorded in GMW-4 (5.74 feet measured on October 31, 2005). Measured floating product thicknesses in the truck rack area show 100 percent reduction from their historical maximum thicknesses.

In the south-central area, historical maximum product thicknesses range up to 16.82 feet (measured in MW-SF-2 on July 1, 1997). Based upon the most recent gauging data from this area, only three wells in the south-central area contain floating product (2.51 feet, measured thickness, in GMW-23; 0.05 foot, measured thickness, in GMW-29; and 0.05 foot, measured thickness, in GMW-30). Thirty-five of the 38 wells in this area that have historically contained floating product show 100 percent reduction from their historical maximum thicknesses. The significant reduction in magnitude and extent of floating product is believed to be directly related to product recovery via hand-bailing and the use of product-absorbent socks and ongoing biosparge operations in this area of the Site.

In the southeastern area, three wells have historically contained floating product with the maximum historical product thickness recorded in off-Site well GMW-O-15 (6.00 feet measured on May 28, 1996). Product was not measured or observed in the southeastern area during the current monitoring event.

Monitoring data show considerable reduction in floating product throughout the Site. Product recovery efforts at the Site will continue and will be focused on the wells with the greatest product thicknesses and wells with the lowest percent reduction from historical highs. In addition to total fluids extraction, absorbent socks and manual bailing will continue to be utilized in selected wells.

4.0 GROUNDWATER ANALYTICAL RESULTS

Groundwater quality results for the second semiannual 2023 sampling event are discussed below in Section 4.1. Analytical results are summarized in Table 4 (TPH, BTEX compounds, 1,2-DCA, and fuel oxygenates) and Table 5 (additional detected VOCs) and shown on Figure 6 (TPH), Figure 7 (benzene), Figure 8 (1,2-DCA), Figure 9 (MTBE), and Figure 10 (TBA). Historical analytical results are summarized in Appendix D.

Samples collected for DLA were analyzed by American Analytics and samples collected for SFPP were analyzed by Alpha. Note that laboratory reporting limits varied between the two laboratories for some of the analytes.

4.1 Results for Semiannual Event

The second semiannual 2023 analytical results for TPH, benzene, 1,2-DCA, MTBE, and TBA were used to develop isoconcentration contours and interpret the extent of these analytes in groundwater beneath the Site. Isoconcentration contours for TPH, benzene, 1,2-DCA, MTBE, and TBA are presented on Figure 6 through Figure 10, respectively. Analytical results from the current semiannual sampling event and two previous sampling events (Fall 2022 and Spring 2023) are also included on these figures. The databoxes are color-coded to indicate whether the concentrations from the current semiannual event are increasing, decreasing, or stable as compared with the data reported during the second semiannual (Fall) 2022 sampling event. A blue data label indicates a decrease in concentration greater than or equal to 10 percent from the previous year, a red label indicates an increase greater than or equal to 10 percent, and a white label indicates no change greater than 10 percent, or the change could not be determined due to insufficient data. The changes in concentrations may be due to seasonal fluctuations of the water table elevation or remediation system operations.

Laboratory analytical results for TPH, BTEX, 1,2-DCA, MTBE, TBA, diisopropyl ether (DIPE), ethyl tertiary-butyl ether (ETBE), and tertiary-amyl methyl ether (TAME) are summarized in Table 4; additional detected VOCs are summarized in Table 5. Historical analytical results are provided in Appendix D. Time-series charts for selected monitoring and remediation wells are presented in Appendix E. Copies of the laboratory reports for the second semiannual 2023 sampling event are provided in Appendix B. The following subsections summarize the results for selected analytes or analyte groups.

4.1.1 Total Petroleum Hydrocarbons

The analytical results for TPHg and TPHd reported for each well sampled during the semiannual sampling event are summed and contoured as TPH on Figure 6. The separate concentrations of TPHg and TPHd are summarized in Table 4.

TPHg were reported in six of the 127 sampled wells and TPHd were reported in 60 of the 127 sampled wells. The maximum concentration of TPHg was reported in southeastern off-Site well

GMW-O-18 (2,000 micrograms per liter [$\mu\text{g/L}$]). The maximum concentration of TPHd was also reported in GMW-O-18 (18,000 $\mu\text{g/L}$).

TPHg and TPHd were not reported in the samples collected from the five Exposition Aquifer wells.

TPHg were reported at historical lows in GMW-62 (not detected [$<100 \mu\text{g/L}$] for the first time), GMW-68 (330 $\mu\text{g/L}$), and TF-15 (330 $\mu\text{g/L}$).

In the majority (~99 percent) of the samples, TPHg were either not detected, or the reported concentrations were at or near historical lows.

TPHd were reported at historical highs in the following wells:

- GMW-16 (720 $\mu\text{g/L}$),
- GW-8 (500 $\mu\text{g/L}$), and
- TF-20R (2,800 $\mu\text{g/L}$).

TPHd were reported at historical lows in the following wells:

- GMW-10 (1,700 $\mu\text{g/L}$ in both the primary and duplicate samples),
- GMW-25 (210 $\mu\text{g/L}$),
- GMW-62 (390 $\mu\text{g/L}$),
- GMW-O-11 (560 $\mu\text{g/L}$),
- GMW-O-12 (11,000 $\mu\text{g/L}$),
- MW-SF-6 (2,400 $\mu\text{g/L}$),
- MW-SF-13 (240 $\mu\text{g/L}$),
- MW-SF-15 (110 $\mu\text{g/L}$),
- PZ-2 (55 $\mu\text{g/L}$ in the duplicate sample),
- PZ-3 (100 $\mu\text{g/L}$),
- PZ-5 (190 $\mu\text{g/L}$ in the duplicate sample),
- TF-8 (140 $\mu\text{g/L}$),
- TF-17R (460 $\mu\text{g/L}$),
- TF-18 (980 $\mu\text{g/L}$ in the duplicate sample),
- TF-21 (not detected [$<100 \mu\text{g/L}$] for the first time),
- TF-23 (not detected [$<100 \mu\text{g/L}$] for the first time), and
- TF-24 (100 $\mu\text{g/L}$).

In the majority (~89 percent) of the samples, TPHd were either not detected, or the reported concentrations were at or near historical lows.

Comparison of Current Conditions with Data Collected During the First Semiannual 2023 Sampling Event

Since the first semiannual 2023 sampling event (Jacobs, 2023), concentrations of TPHg increased in three wells and decreased in five wells. TPHg increased from non-detect in one well (GMW-67) and decreased to non-detect in two wells (GMW-62 and TF-13).

Since the first semiannual 2023 sampling event, concentrations of TPHd increased in 27 wells and decreased in 58 wells. TPHd increased from non-detect in 11 wells [GMW-19, GMW-44, GMW-60, GMW-61, GMW-O-16, GMW-O-19, GMW-O-21, GW-2, MW-13, MW-19(MID), and MW-26]. TPHd decreased to non-detect in 28 wells [EXP-1, EXP-2, GMW-3, GMW-5, GMW-12, GMW-13, GMW-28, GMW-42, GMW-43, GMW-47, GMW-56, GMW-57, GMW-59, GMW-64, GMW-65, GMW-67, MW-7, MW-15R, MW-20(MID), MW-22(MID), MW-24, MW-29, TF-9R, TF-21, TF-23, WCW-2, WCW-4, and WCW-12].

The current distribution of TPH in groundwater, shown on Figure 6, was compared with the TPH plumes interpreted based upon data collected in May 2023. With the exception of increasing off-Site concentrations in the southwestern corner, TPH-impacted groundwater is not as extensive (Figure 6).

Comparison of Current Conditions with Data Collected During the Second Semiannual 2022 Sampling Event

Since the second semiannual 2022 sampling event in November 2022 (SGI/Apex, 2023), TPH concentrations increased by 10 percent or more in 28 wells and decreased by 10 percent or more in 30 wells.

Since the second semiannual 2022 sampling event (SGI/Apex, 2023), TPH increased in 16 tank farm area wells (GMW-16, GMW-18, GMW-19, GMW-21, GMW-41, GMW-44, GMW-45, GMW-60, GW-2, GW-3, GW-6, GW-8, GW-16, MW-26, TF-16, and TF-20R), in eastern off-Site wells GMW-67 and GMW-69, and in five south-central wells [GMW-9, GMW-O-21, GWR-1R, MW-18(MID), and MW-SF-1], and in four southeastern wells (GMW-36, GMW-O-16, GMW-O-18, and GMW-O-21).

Decreases in TPH since the second semiannual 2022 sampling event were noted in 19 tank farm area wells (EXP-1, GMW-7, GMW-8, GMW-15, GMW-31, GMW-47, GMW-58, GMW-61, MW-6, MW-13, MW-27, PZ-3, TF-8, TF-15, TF-17R, TF-18, TF-21, TF-23, and TF-24), in eastern off-Site wells GMW-62 and GMW-68, in eight south-central wells (GMW-4R, GMW-10, GMW-25, HL-3, MW-SF-6, MW-SF-13, MW-SF-15, and PZ-2), and in southeastern area well PZ-5.

The current distribution of TPH in groundwater (Figure 6) was compared with the TPH plumes interpreted based upon analytical data collected during the Fall 2022 sampling event (SGI/Apex, 2023). TPH-impacted groundwater is present in the same general areas. The large TPH plume in the tank farm area (interpreted from the Fall 2023 data) extends farther to the northwest due to increased concentrations in GMW-16, GW-2, GW-6, GW-8, and MW-26. In the northeastern area and off-Site to the east, TPH-impacted groundwater has reduced in magnitude and is not as extensive because TPH was not detected in GMW-47, GMW-58, TF-21, or TF-23. The south-central TPH plume does not extend as far to the east (TPH not detected in GMW-4R). The southeastern

TPH plume has increased in magnitude and extent due to increased concentrations in GMW-36, GMW-O-16, GMW-O-18, GMW-O-19, and MW-8.

4.1.2 Benzene

The distribution of dissolved benzene is shown on Figure 7. During this sampling event, benzene was reported in five of the 127 sampled wells. Analytical results for benzene in groundwater samples collected during this semiannual event ranged from non-detect (<0.50 µg/L) in the majority of the wells to 32 µg/L in southern off-Site well MW-O-2. Benzene was reported at historical lows in GMW-62 (<0.50 µg/L; not detected for the first time), GMW-68 (1.5 µg/L), and TF-15 (0.69 µg/L). In all of the samples, benzene was either not detected or the reported concentrations were at or near historical lows. The dissolved benzene plumes remain within the historical lateral limits and the extent of benzene-impacted groundwater has decreased to historical lows.

Benzene was detected in tank farm area wells TF-13 (0.96 µg/L) and TF-15 (0.69 µg/L); in southern off-Site well MW-O-2 (32 µg/L); and in eastern off-Site wells GMW-67 (3.5 µg/L) and GMW-68 (1.5 µg/L).

Benzene was not detected at or above laboratory reporting limits in the samples collected from the Exposition Aquifer wells during the second semiannual 2023 sampling event.

Comparison of Current Conditions with Data Collected During the First Semiannual 2023 Sampling Event

Since the first semiannual 2023 sampling event (Jacobs, 2023), benzene concentrations increased in two wells and decreased in six wells. Benzene decreased to non-detect (<0.50 µg/L) in GMW-7, GMW-12, and GMW-62.

The current distribution of benzene in groundwater, shown on Figure 7, was compared with the benzene plumes interpreted based upon data collected in May 2023. The benzene plumes in the tank farm area and off-Site to the east are in the same general areas, but have substantially decreased in magnitude and extent. In the south-central area, the benzene plume is slightly larger due to the increase in benzene concentration in MW-O-2.

Comparison of Current Conditions with Data Collected During the Second Semiannual 2022 Sampling Event

Since the second semiannual 2022 sampling event in November 2022 (SGI/Apex, 2023), benzene concentrations increased by 10 percent or more in one well (GMW-67) and decreased by 10 percent or more in ten wells. Since the second semiannual 2022 sampling event, benzene increased slightly in eastern off-Site well GMW-67 and decreased in six tank farm area wells (GMW-7, GMW-47, PZ-3, TF-15, TF-17R, and TF-18), in eastern off-Site wells GMW-62 and GMW-68, and in south-central wells GMW-10 and MW-O-2.

The current distribution of benzene in groundwater (Figure 7) was compared with the benzene plumes interpreted based upon analytical data collected during the second semiannual 2022 sampling event. Benzene-impacted groundwater is present in the same general areas, but is not as extensive due to declining concentrations and wells where benzene was not detected. In the tank

farm area, benzene-impacted groundwater is interpreted as two small, discrete plumes at TF-13 and TF-15 (benzene was not detected in GMW-47, PZ-3, TF-17R, or TF-18). In the south-central area, benzene was no longer detected in GMW-10 or MW-SF-6. Off Site to the east, benzene was only detected in GMW-67 and GMW-68. Benzene was not detected in the southeastern area wells during the current event (benzene was no longer present in GMW-36 or GMW-O-18).

4.1.3 1,2-Dichloroethane

The distribution of dissolved 1,2-DCA is shown on Figure 8. During this sampling event, 1,2-DCA was reported in five of the 127 sampled wells. Analytical results for 1,2-DCA in groundwater samples collected during this semiannual event ranged from non-detect (<0.50 µg/L) in the majority of the wells to 8.0 µg/L reported in MW-20(MID). 1,2-DCA was reported in tank farm area wells MW-20(MID) (8.0 µg/L), MW-21(MID) (1.1 and 1.2 µg/L), and MW-22(MID) 10.65 µg/L) and in western off-Site wells WCW-6 (1.5 µg/L) and WCW-14 (0.75 µg/L). 1,2-DCA was not detected in any other off-Site wells during this sampling event. All concentrations were within the range of historical values. In all of the samples, 1,2-DCA was either not detected or the reported concentrations were near historical lows. The current distribution of 1,2-DCA in groundwater is shown on Figure 8. Analytical results reflect a 1,2-DCA groundwater plume along the western border of the Site and separate, localized plumes at on-Site well MW-21(MID) and northwest of the Site at WCW-14.

1,2-DCA was not detected at or above laboratory reporting limits in samples collected from the Exposition Aquifer wells during the second semiannual 2023 sampling event.

As summarized in Appendix D and shown on Figure 8, 1,2-DCA concentrations in groundwater in the vicinity of the West Side Barrier and in the western off-Site area have remained consistently low since 2005. Pumping of the West Side Barrier wells was discontinued in August 2008; groundwater quality conditions in the area have been stable since then and will continue to be monitored.

Comparison of Current Conditions with Data Collected During the First Semiannual 2023 Sampling Event

Since the first semiannual 2023 sampling event (Jacobs, 2023), 1,2-DCA concentrations increased in one well [MW-21(MID)] and decreased in eight wells [GMW-26, GMW-O-10, GMW-O-21, MW-19(MID), MW-20(MID), MW-22(MID), WCW-6, and WCW-14]. 1,2-DCA decreased to non-detect (<0.50 µg/L) in four wells [GMW-26, GMW-O-10, GMW-O-21, and MW-19(MID)]. Comparing the current distribution of 1,2-DCA with the distribution interpreted based upon first semiannual 2023 1,2-DCA data, 1,2-DCA-impacted groundwater is not as extensive because 1,2-DCA was not detected in GMW-26 and MW-19(MID), and 1,2-DCA was not detected off-Site to the south (1,2-DCA was not detected in GMW-O-10 and GMW-O-21).

Comparison of Current Conditions with Data Collected During the Second Semiannual 2022 Sampling Event

Since the second semiannual 2022 sampling event in November 2022 (SGI/Apex, 2023), 1,2-DCA concentrations increased by 10 percent or more in two wells and decreased by 10 percent or more in 10 wells. Increases in 1,2-DCA were noted on-Site monitoring wells MW-21(MID) and

MW-22(MID). 1,2-DCA decreased in on-Site wells GMW-26, MW-6, MW-19(MID), and MW-20(MID); southern off-Site wells GMW-O-1, GMW-O-2, GMW-O-3, GMW-O-9, and GMW-O-10; and western off-Site well WCW-6.

The current distribution of 1,2-DCA in groundwater (Figure 8) was compared with the 1,2-DCA plumes interpreted based upon analytical data collected during the second semiannual 2022 sampling event. Along the western border of the tank farm, 1,2-DCA-impacted groundwater extends farther to the north [1,2-DCA reported in MW-22(MID)]. In the south-central area, 1,2-DCA was reported in one well MW-21(MID), and was no longer present in on-Site wells GMW-26, MW-6, and MW-19(MID) and in southern off-Site wells GMW-O-1, GMW-O-2, GMW-O-3, GMW-O-9, and GMW-O-10. Off-Site to the west, 1,2-DCA was still present in WCW-6 and WCW-14, but was reported at lower concentrations.

4.1.4 Methyl Tertiary-Butyl Ether

The distribution of dissolved MTBE is shown on Figure 9. During this sampling event, MTBE was reported in 12 of the 127 sampled wells. Analytical results for MTBE in groundwater samples collected during this semiannual event ranged from non-detect in many of the wells to 20 µg/L in southeastern off-Site well GMW-O-16. MTBE was reported at the historical low in MW-SF-15 (not detected [<1.0 µg/L] for the first time). In the majority (~99 percent) of the samples, MTBE was either not detected or the reported concentrations were at or near historical lows.

MTBE was reported in samples collected from EXP-1 (0.76 µg/L MTBE reported in Blain Tech's sample [SGI/Apex's sample was non-detect (<1.2 µg/L)]) and EXP-2 (4.2 and 2.0 µg/L, respectively, in the split samples collected by SGI/Apex and Blaine Tech). None of groundwater samples collected from the remaining Exposition Aquifer wells during the current sampling event were reported to contain MTBE.

The distribution of MTBE in groundwater, based upon the current analytical results, is shown on Figure 9. The distribution of dissolved MTBE is similar to the distribution seen during recent sampling events as discussed below.

Comparison of Current Conditions with Data Collected During the First Semiannual 2023 Sampling Event

Since the May 2023 sampling event (Jacobs, 2023), MTBE concentrations increased in nine wells and decreased in eight wells. MTBE increased from non-detect in four wells (EXP-1, GMW-O-21, GMW-O-24, and MW-O-2) and decreased to non-detect in six wells [GMW-4R, GMW-7, GMW-28, MW-22(MID), MW-SF-6, and MW-SF-15].

Comparing the current distribution of MTBE with the distribution interpreted based upon first semiannual 2023 MTBE data, MTBE was reported in EXP-1; Localized plumes in the tank farm are no longer present at GMW-4R, GMW-7, or MW-22(MID); the on-Site plume in the south-central area is not as extensive (MTBE not detected in GMW-28, MW-SF-6, or MW-SF-15); groundwater impacted with MTBE has increased off Site to the south (MTBE reported in GMW-O-21 and GMW-O-24) and off Site to the southeast due to increases in GMW-O-16 and GMW-O-24.

Comparison of Current Conditions with Data Collected During the Second Semiannual 2022 Sampling Event

Since the second semiannual 2022 sampling event in November 2022 (SGI/Apex, 2023), MTBE concentrations increased by 10 percent or more in seven wells and decreased by 10 percent or more in nine wells. MTBE increased from non-detect in five wells (EXP-1, GMW-9, GMW-O-16, GMW-O-21, and GMW-O-24) and decreased to non-detect in six wells [GMW-28, HL-3, MW-22(MID), MW-SF-5, PZ-2, and WCW-4].

The current distribution of MTBE in groundwater (Figure 9) was compared with the MTBE plumes interpreted based upon analytical data collected during the Fall 2022 sampling event. Similar to the Fall 2022 results, MTBE in the tank farm area was interpreted as discrete, localized plumes; MTBE was reported in Exposition Aquifer wells EXP-1 and EXP-2 and in MW-20(MID), but was not reported in any central tank farm wells. The on-Site MTBE plume in the south-central area is in the same general area, but is not as extensive (MTBE not detected [$<0.50 \mu\text{g/L}$] in GMW-28, HL-3, MW-SF-6, MW-SF-13, MW-SF-15, or PZ-2. The off-Site south-central MTBE plume extended farther south (MTBE reported in GMW-O-21. or on-Site to the east (MTBE not detected in GMW-4R). MTBE was not detected off-Site in the southeastern corner during the Fall 2022 sampling event. During the current sampling event, MTBE was reported in southeastern off-Site wells GMW-O-16 and GMW-O-24. MTBE was no longer present in western off-Site well WCW-4.

4.1.5 Tertiary-Butyl Alcohol

The distribution of dissolved TBA is shown on Figure 10. During this sampling event, TBA was reported in seven of the 127 sampled wells. Analytical results for TBA in groundwater samples collected during this sampling event ranged from non-detect ($<10 \mu\text{g/L}$) in the majority of the wells to $1,800 \mu\text{g/L}$ reported in the duplicate sample collected from southeastern off-Site well PZ-5. Note that TBA was reported in the duplicate sample collected from GMW-21 ($11 \mu\text{g/L}$), but was not detected ($<10 \mu\text{g/L}$) in the primary sample from this well. TBA was reported at the historical low in the primary sample from PZ-5 ($1,700 \mu\text{g/L}$). In the majority (~98 percent) of the samples, TBA was either not detected or the reported concentrations were at or near historical lows. The distribution of TBA in groundwater, based upon the current analytical results, is shown on Figure 10. The distribution of dissolved TBA is similar to the distribution reported during recent sampling events as discussed below.

TBA was not detected at or above laboratory reporting limits in the samples collected from Exposition Aquifer wells during the current sampling event.

Based upon the analytical results for the Fall 2023 sampling event, several areas of the Site are impacted by TBA. As shown on Figure 10, dissolved TBA plumes were interpreted in the south-central area and in the southeastern corner. Smaller, isolated plumes were interpreted at south-central wells GMW-9 and GMW-26 and at tank farm area wells GMW-21 and TF-20R.

Comparison of Current Conditions with Data Collected During the First Semiannual 2023 Sampling Event

Since the May 2023 sampling event (Jacobs, 2023), TBA concentrations increased in four wells and decreased in nine wells. TBA increased from non-detect in three wells [GMW-21, MW-18(MID), and TF-20R] and decreased to non-detect in six wells [GMW-7, GMW-O-18, MW-20(MID), MW-22(MID), TF-17R, and TF-18].

TBA in the tank farm area is interpreted as discrete, localized plumes at GMW-21 and TF-20R, but TBA-impacted groundwater was not reported in GMW-7, MW-20(MID), MW-22(MID), TF-17R, or TF-18. In the south-central area, the main TBA plume appears larger due to TBA reported in MW-18(MID), and a small, localized plume is present at GMW-9. The TBA plume in the southeastern corner is in the same general area.

Comparison of Current Conditions with Data Collected During the Second Semiannual 2022 Sampling Event

Since the November 2022 sampling event (SGI/Apex, 2023), TBA concentrations increased by 10 percent or more in four wells and decreased by 10 percent or more in ten wells. Increases in TBA were noted in tank farm area well TF-20R and in south-central area wells GMW-9, GMW-26, and MW-18(MID). TBA decreased by more than 10 percent since November 2022 in tank farm area wells GMW-7, MW-20(MID), MW-22(MID), MW-27, and TF-17R; in south-central area wells MW-19(MID), MW-SF-15, and MW-O-02; and in southeastern area off-Site wells GMW-O-18 and PZ-5.

The current distribution of TBA in groundwater (Figure 10) was compared with the TBA plumes interpreted based upon analytical data collected during the Fall 2022 sampling event. In general, TBA-impacted groundwater is not as extensive as in November 2022. In the tank farm area, TBA is interpreted as two small, localized plumes at GMW-21 and TF-20R (TBA was not detected in GMW-7, MW-20(MID), MW-22(MID), MW-27, and TF-17R). The south-central TBA plume is not extensive (TBA not detected in MW-SF-6 or MW-O-2, but TBA was reported in GMW-9 and GMW-26 (interpreted as small, localized plumes). The southeastern off-Site TBA plume is in the same general area, but concentrations have declined significantly.

4.1.6 Other Fuel Oxygenates

Pursuant to the RWQCB's request in March 2009, analysis for other fuel oxygenates including DIPE, ETBE, and TAME in accordance with EPA Method 8260B was included in the second semiannual 2023 sampling event. DIPE was reported in seven of the 127 sampled wells. Analytical results for DIPE in groundwater samples collected during this semiannual event ranged from non-detect in the majority of the wells to 39 µg/L in MW-18(MID). DIPE was reported at historical highs in GMW-25 (3.0 µg/L) and MW-18(MID) (39 µg/L), and at the historical low in MW-19(MID) (not detected [<1.0 µg/L] for the first time). ETBE and TAME were not detected in any of the groundwater samples analyzed during the current sampling event.

Since May 2023 (Jacobs, 2023), DIPE increased in three wells and decreased in five wells. DIPE decreased to non-detect in MW-19(MID) and MW-SF-6.

4.2 Quality Assurance/Quality Control

During the second semiannual 2023 groundwater sampling event, quality assurance/quality control procedures were conducted in accordance with the revised groundwater sampling and analysis plans (Parsons Corporation, 2013 and CH2M, 2013).

American Analytics and Alpha did not report any significant quality assurance/quality control issues with the analytical work performed as part of the Fall 2023 semiannual event. A total of 14 duplicate groundwater samples, three split samples, 12 trip blanks, and 16 equipment blanks were submitted for analysis. Analytical results for duplicate and split groundwater samples and trip/equipment blanks are summarized in Table 6 and Table 7, respectively. Results for duplicate and split samples were comparable with the results reported for the primary samples. With the exception of 2.3 µg/L carbon disulfide reported in SGI/Apex's November 7, 2023, equipment blank, the trip blank and equipment blank samples were non-detect for all analytes.

4.3 Water Disposal

Purged groundwater from DLA sampling activities (approximately 145 gallons) was treated at DLA's on-Site remediation system located in the northern portion of the Site and discharged to the industrial sewer under Los Angeles County Sanitation Districts Permit No. 22453.

Because Kinder Morgan's groundwater extraction system was suspended in February 2021, purged groundwater extracted by Blaine Tech (approximately 100 gallons) was contained in 55-gallon drums and, following waste profiling, was classified and disposed at Patriot Environmental Services in Anaheim, California (Appendix F).

4.4 Health and Safety

Field activities were conducted in accordance with the Site-specific health and safety plans. The health and safety plans include protocol for safe work practices during the field portion of the project. Personnel working at the Site were required to read, sign, and adhere to the health and safety plans. The health and safety plans were in effect throughout the monitoring event.

5.0 SUMMARY

This section presents a summary of findings, data evaluation, and recommendations, if warranted, associated with the second semiannual 2023 groundwater monitoring and sampling event conducted at the DFSP Norwalk. During the second semiannual 2023 event, liquid levels were gauged in 180 monitoring wells and groundwater samples were collected from 127 wells. Including duplicate, split, and confirmation samples, a total of 144 groundwater samples were analyzed.

5.1 Groundwater Elevation and Gradient Conditions

Based upon the gauging results, groundwater elevations in the uppermost groundwater zone (excluding wells containing measurable floating product) ranged from 31.53 to 66.57 feet above MSL. The groundwater contours beneath the Site indicate the effect of ongoing remediation, with localized groundwater depressions and groundwater mounding. Localized groundwater depressions were interpreted near former Tank 80002, between of former Tanks 80006 and 80013, west of former Tank 80007, east of former Tank 80008, in the south-central area at PZ-2, and off Site to the south at GMW-O-21. Groundwater mounding was indicated former Tank 80008, north of former Tank 80017, off Site to the east near GMW-62 and GMW-68, off Site to the south at monitoring well GMW-O-11, and in the southeastern corner of the Site at monitoring well GMW-36. Off-Site to the west, gradients were toward the southwest at approximately 0.001 ft/ft.

Groundwater elevations in the Exposition Aquifer wells ranged from 19.24 to 19.67 feet above MSL. Off Site to the southeast, the groundwater gradient in the Exposition Aquifer was toward the northwest at 0.0003 ft/ft and off Site to the northwest, the gradient was toward the southeast at approximately 0.0002 ft/ft. Beneath the Site, groundwater in the Exposition Aquifer was very flat with a very slight northward gradient.

5.2 Distribution of Floating Product

During this semiannual monitoring event, floating product was measured or observed in three of the 180 wells that were gauged:

- South-central area: GMW-23, GMW-29, and GMW-30.

Floating product present on groundwater during this monitoring event ranged from 0.05 foot, measured thickness, in GMW-29 and GMW-30 to 2.51 feet, measured thickness, in GMW-23.

5.3 Dissolved-Phase Constituents

5.3.1 Total Petroleum Hydrocarbons

TPHg were reported in six of the 127 sampled wells at concentrations ranging up to 2,000 µg/L in southeastern off-Site well GMW-O-18. TPHg were not reported in samples collected from the Exposition Aquifer wells during this sampling event. TPHg were reported at historical lows in three wells (GMW-62, GMW-68, and TF-15). This is the first time TPHg were not detected in GMW-62.

TPHd were reported in 60 of the 127 sampled wells at concentrations ranging up to 18,000 µg/L in southeastern off-Site well GMW-O-18. TPHd were not reported in samples collected from the Exposition Aquifer wells during this sampling event. TPHd were reported at historical highs in three wells (GMW-16, GW-8, and TF-20R) and were reported at historical lows in 17 wells (GMW-10, GMW-25, GMW-62, GMW-O-11, GMW-O-12, MW-SF-6, MW-SF-13, MW-SF-15, PZ-2, PZ-3, PZ-5, TF-8, TF-17R, TF-18, TF-21, TF-23, and TF-24). This is the first time TPHd were not detected in GMW-59, the first time since November 1996 TPHd were not detected in TF-21 and TF-23.

5.3.2 Benzene

Benzene was reported in five of the 127 sampled wells. Benzene concentrations ranged from non-detect (<0.50 µg/L) in the majority of the wells to 32 µg/L in southern off-Site well MW-O-2. Benzene was not detected in any of the Exposition Aquifer wells during this sampling event. Benzene was reported at historical lows in GMW-62, GMW-68, and TF-15. This is the first time benzene was not detected in GMW-62.

5.3.3 1,2-Dichloroethane

1,2-DCA was reported in five of the 127 sampled wells. 1,2-DCA concentrations ranged from non-detect (<0.50 µg/L) in the majority of the wells to 8.0 µg/L reported in MW-20(MID). All concentrations were within the range of historical values. 1,2-DCA was reported in western off-Site wells WCW-6 and WCW-14. 1,2-DCA was not detected in any other off-Site wells or in any of the Exposition Aquifer wells during this sampling event.

5.3.4 Methyl Tertiary-Butyl Ether

MTBE was reported in 12 of the 127 sampled wells. Concentrations of MTBE ranged from non-detect in many of the wells to 20 µg/L reported in southeastern off-Site well GMW-O-16. MTBE was reported in southern off-Site wells GMW-O-21 and MW-O-2 and in southeastern off-Site wells GMW-O-16 and GMW-O-24. MTBE was also reported in Exposition Aquifer wells EXP-1 (0.76 µg/L) and EXP-2 (4.2 and 2.0 µg/L). MTBE was reported at the historical low in MW-SF-15. This is the first time MTBE was not detected in MW-SF-15.

5.3.5 Tertiary-Butyl Alcohol

TBA was reported in seven of the 127 sampled wells. Concentrations of TBA ranged from non-detect (<10 µg/L) in the majority of the wells to 1,800 µg/L in the duplicate sample from southeastern off-Site well PZ-5. TBA was not detected in any of the Exposition Aquifer wells during this sampling event. TBA was reported at the historical low in the primary sample from PZ-5 (1,700 µg/L).

5.3.6 Other Fuel Oxygenates

Groundwater samples collected during the Fall 2023 sampling event were analyzed for additional fuel oxygenates including ETBE, TAME, and DIPE. DIPE was reported in seven of the 127 sampled wells. Analytical results for DIPE in groundwater samples collected during this semiannual event ranged from non-detect in the majority of the wells to 39 µg/L in MW-18(MID). ETBE and TAME

were not detected in any of the groundwater samples collected during the current sampling event. DIPE was reported at historical highs in GMW-25 and MW-18(MID) and at the historical low in MW-19(MID). This is the first time DIPE was not detected in MW-19(MID).

6.0 LIMITATIONS

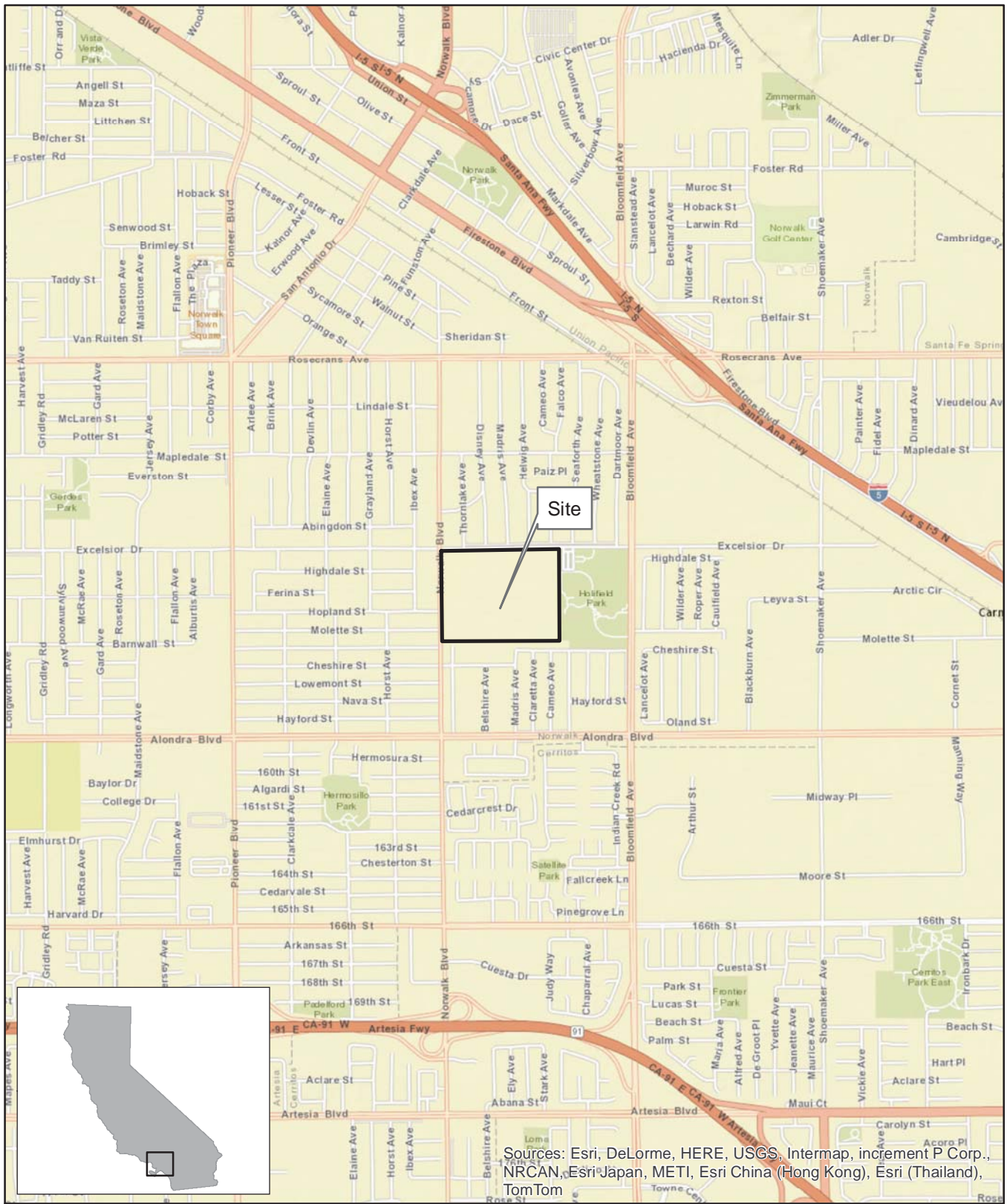
This document was prepared for the exclusive use of the DLA and the RWQCB for the express purpose of complying with a client- or regulatory directive for environmental investigation or restoration. The presented findings and recommendations in this report are intended to be taken in their entirety to assist DLA and RWQCB personnel in applying their own professional judgment in making decisions related to the property. SGI/Apex and DLA must approve any re-use of this work product in whole or in part for a different purpose or by others in writing. If any such unauthorized use occurs, it shall be at the user's sole risk without liability to SGI/Apex or DLA. To the extent that this report is based on information provided to SGI/Apex by third parties, including DLA, their direct contractors, previous workers, and other stakeholders, SGI/Apex cannot guarantee the completeness or accuracy of this information, even where efforts were made to verify third-party information.

SGI/Apex has exercised professional judgment to collect and present findings and opinions of a scientific and technical nature. The opinions expressed are based on the conditions of the Site existing at the time of the field investigation, current regulatory requirements, and any specified assumptions. SGI/Apex cannot provide conclusions on environmental conditions outside the completed scope of work. SGI/Apex cannot guarantee that future conditions will not change and affect the validity of the presented conclusions and recommended work. No warranty or guarantee, whether expressed or implied, is made with respect to the data or the reported findings, observations, conclusions, and recommendations.

7.0 REFERENCES

- (State of) California Department of Water Resources. 1961. *Planned Utilization of the Ground Water Basins of the Coastal Plain of Los Angeles County, Appendix A, Groundwater Geology, Bulletin 104*. June.
- CH2M Hill Engineers, Inc. (CH2M). 2013. *Revised Ground Water Sampling and Analysis Plan, SFPP Norwalk Pump Station, 15306 Norwalk Boulevard, Norwalk, California*. May 30.
- Jacobs Engineering Group, Inc. 2023. *First Semiannual 2023 Groundwater Monitoring Report, Defense Fuel Support Point Norwalk, California*. July.
- Parsons Corporation. 2013. *Revised Groundwater Sampling and Analysis Plan, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California*. September 17.
- Regional Water Quality Control Board, Los Angeles Region (RWQCB). 2013a. Letter dated June 27, 2013, to Mr. Steve Defibaugh, Kinder Morgan Energy Partners; Approval of Revised Groundwater Sampling and Analysis Plan, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California (SCP No. 0286B, Site No. 204DM00).
- RWQCB. 2013b. Letter dated October 23, 2013, to Mr. John O'Donovan, DLA Installation Support - Energy; Approval of Revised Groundwater Sampling and Analysis Plan, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California (SCP No. 0286A, Site ID No. 16638).
- The Source Group, Inc., a wholly owned subsidiary of Apex Companies, LLC (SGI/Apex). 2021. *FINAL Uniform Federal Policy Quality Assurance Project Plan, Environmental Services – California, Defense Fuel Support Point Norwalk, Norwalk, California 90650*. October 28.
- SGI/Apex. 2023. *Second Semiannual 2022 Groundwater Monitoring and Sampling Report, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California 90650*. January 11.

FIGURES



Sources: Esri, DeLorme, HERE, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom

SOURCE:
ESRI 7.5 MINUTE TOPOGRAPHIC MAP.
<http://resources.esri.com/arcgisonline/services>

PROJECT NO.:	DATE:	DR. BY:	APP. BY:
04-NDLA-001	5/28/2014	JK	PP

SCALE= 1:24,000

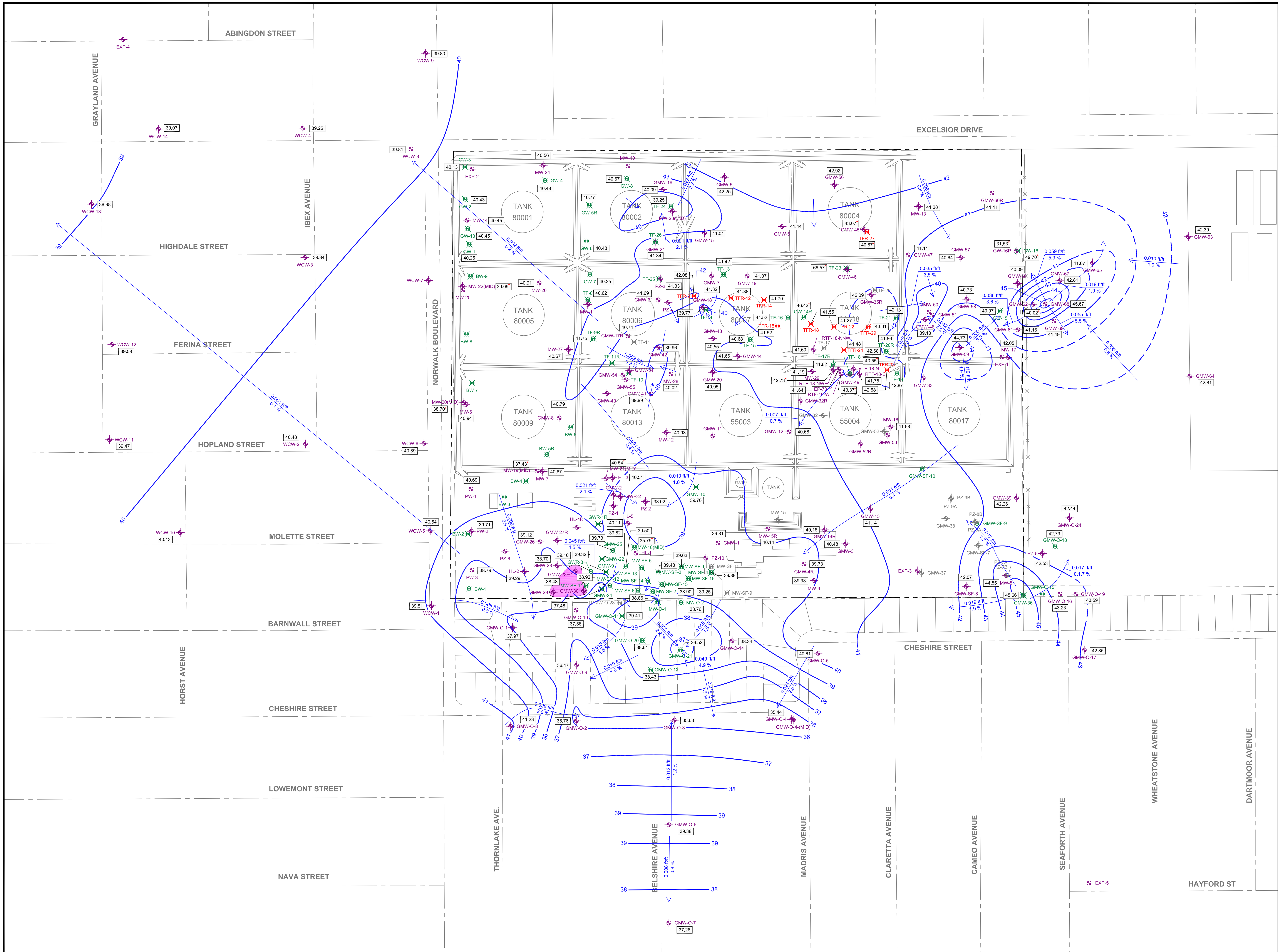


SGI THE SOURCE GROUP, INC.
environmental
1962 FREEMAN AVENUE
SIGNAL HILL, CA 90755
(562) 597-1055

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

SITE LOCATION MAP

FIGURE
1



- EXPLANATION:**
- FORMER ABOVEGROUND STORAGE TANKS
 - DFSP NORWALK BORDER
 - GROUNDWATER MONITORING WELL
 - TOTAL FLUIDS RECOVERY WELL
 - WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
 - EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
 - GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL MEASURED NOVEMBER 6-8, 2023
 - ASTERISK INDICATES DATA NOT USED TO DEVELOP THIS EQUIPOTENTIAL MAP
 - LINE OF EQUAL GROUNDWATER ELEVATION (REFERENCE = MEAN SEA LEVEL) DASHED WHERE INFERRERD CONTOUR INTERVAL = 1.0 FOOT
 - GROUNDWATER GRADIENT DIRECTION WITH GRADIENT IN FEET PER FOOT (ft/ft) AND PERCENT; DASHED WHERE INFERRERD
 - ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 3 OR TABLE 2 FOR MEASURED THICKNESSES

- NOTES:**
1. GROUNDWATER ELEVATIONS AND INTERPRETED PRODUCT EXTENT ARE BASED ON DATA COLLECTED BY SGI & BLAINE TECH ON NOVEMBER 6-8, 2023.
 2. DLA ENERGY'S AND SFPP'S REMEDIATION SYSTEMS WERE SHUT DOWN APPROXIMATELY ONE WEEK PRIOR TO COLLECTING FLUID LEVEL MEASUREMENTS IN OCTOBER/NOVEMBER 2020.
 3. WELLS SCREENED IN THE EXPOSITION AQUIFER OR NEAR THE BOTTOM OF THE UPPERMOST AQUIFER ARE NOT USED IN CONTOURING.

- SURVEY NOTES:**
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE

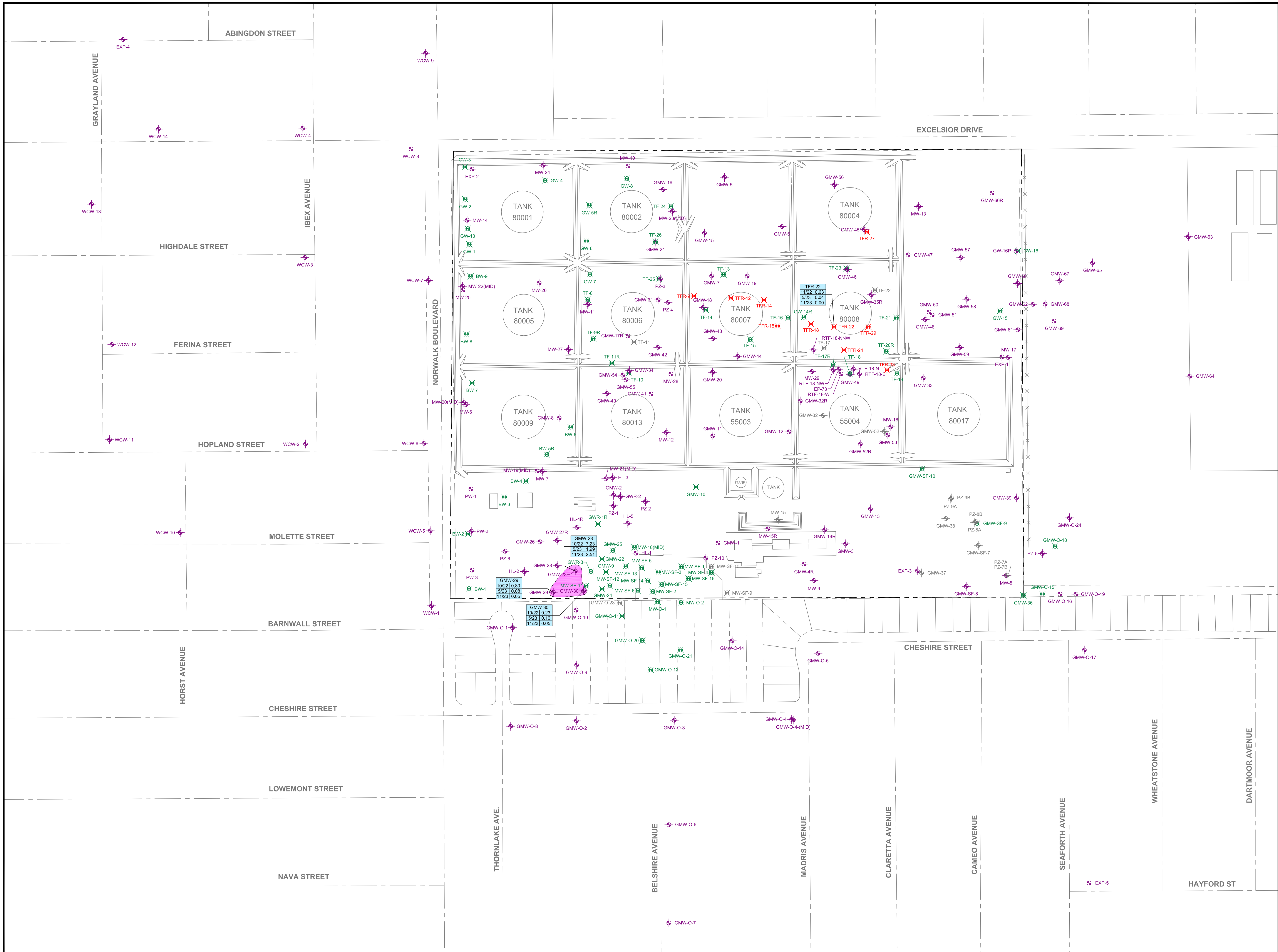
0 120 240
 APPROXIMATE SCALE IN FEET

DATE: 12/2023 FILE NAME: DFSP-Norwalk-SE2-23.dwg
 PROJECT No.: 091-NOR-001 CONTRACT: SPE603-20-D-5008

GROUNDWATER EQUIPOTENTIAL AND GRADIENT MAP UPPERMOST GROUNDWATER ZONE SECOND SEMIANNUAL 2023 MONITORING EVENT

DFSP NORWALK
 15306 NORWALK BOULEVARD
 NORWALK, CALIFORNIA

FIGURE
2



EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- GROUNDWATER MONITORING WELL
- TOTAL FLUIDS RECOVERY WELL
- WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
- EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION

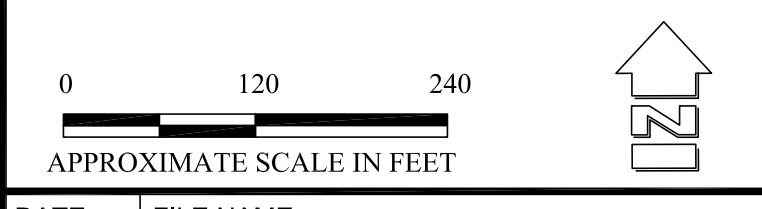
MEASURED PRODUCT THICKNESS IN FEET FOR THE THREE MOST RECENT SEMIANNUAL EVENTS; WHERE THE DATA BOX IS SHOWN IN BLUE, THE MEASURED PRODUCT THICKNESS HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT

TFR-22
11/22 0.63
5/23 0.04
11/23 0.00

NM NOT MEASURED

ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER

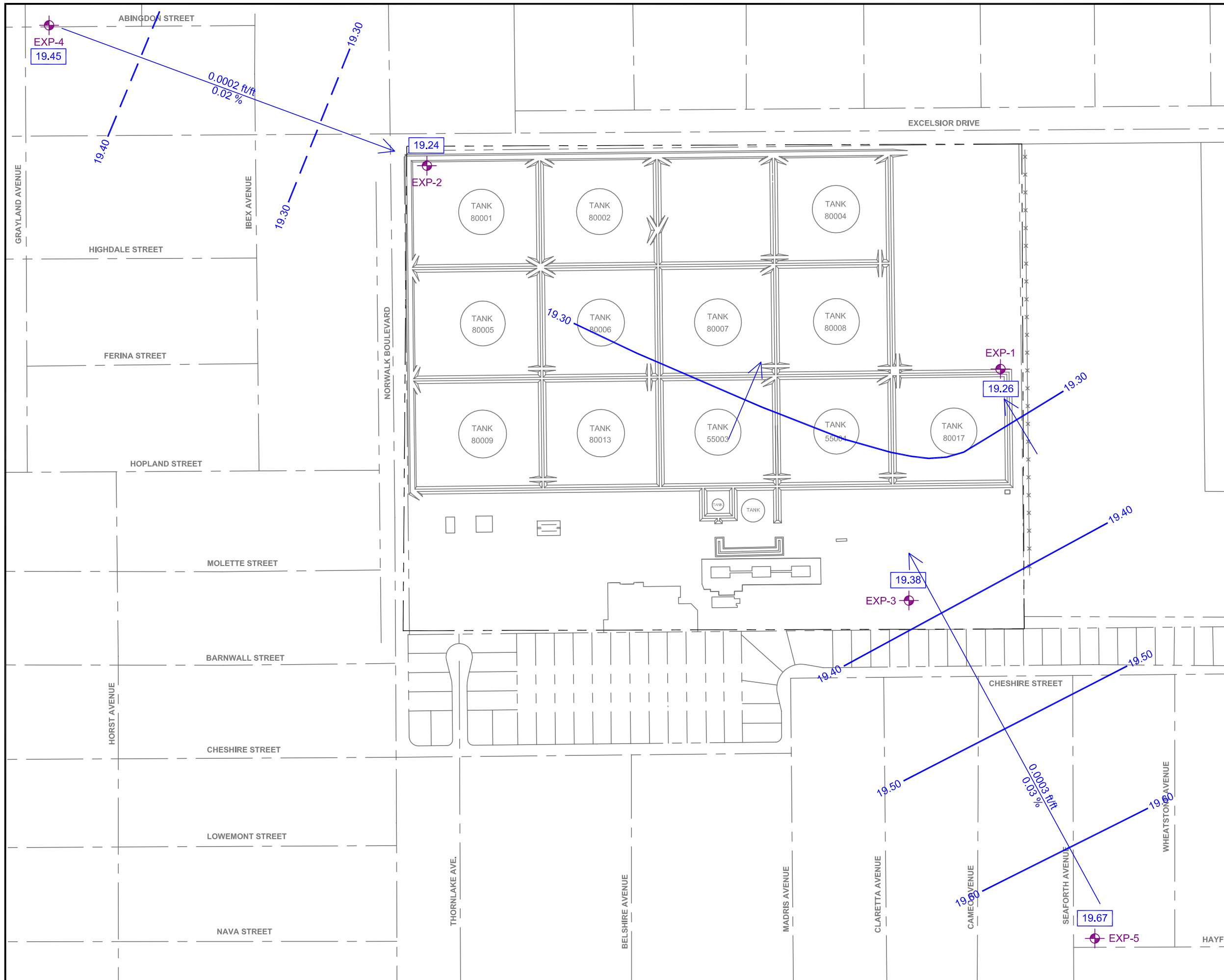
- SURVEY NOTES:**
- BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 - EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 - LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



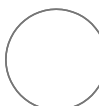



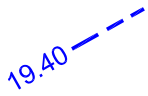
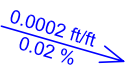
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PROJECT No.: 091-NOR-001	CONTRACT: SPE603-20-D-5008

**DISTRIBUTION OF FLOATING PRODUCT ON GROUNDWATER
SECOND SEMIANNUAL 2023
MONITORING EVENT**

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

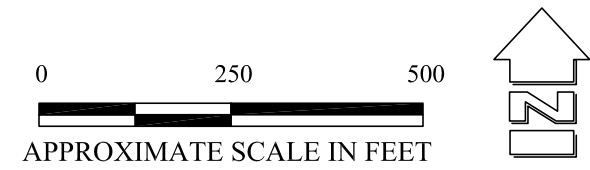


EXPLANATION:

-  FORMER ABOVEGROUND STORAGE TANKS
-  DFSP NORWALK BORDER
-  EXPOSITION AQUIFER MONITORING WELL
-  19.26 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) MEASURED NOVEMBER 6, 2023
-  19.40 GROUNDWATER EQUIPOTENTIAL LINE (REFERENCE = MEAN SEA LEVEL) CONTOUR INTERVAL = 0.10 FOOT DASHED WHERE INFERRED
-  0.0002 ft/ft 0.02% GROUNDWATER GRADIENT DIRECTION IN FEET PER FOOT (ft/ft) AND PERCENT

NOTE:

MONITORING WELLS EXP-1, EXP-2, AND EXP-3 WERE GAUGED BY BOTH SGI AND BLAINE TECH. THIS MAP WAS GENERATED BASED UPON DATA COLLECTED BY BLAINE TECH.



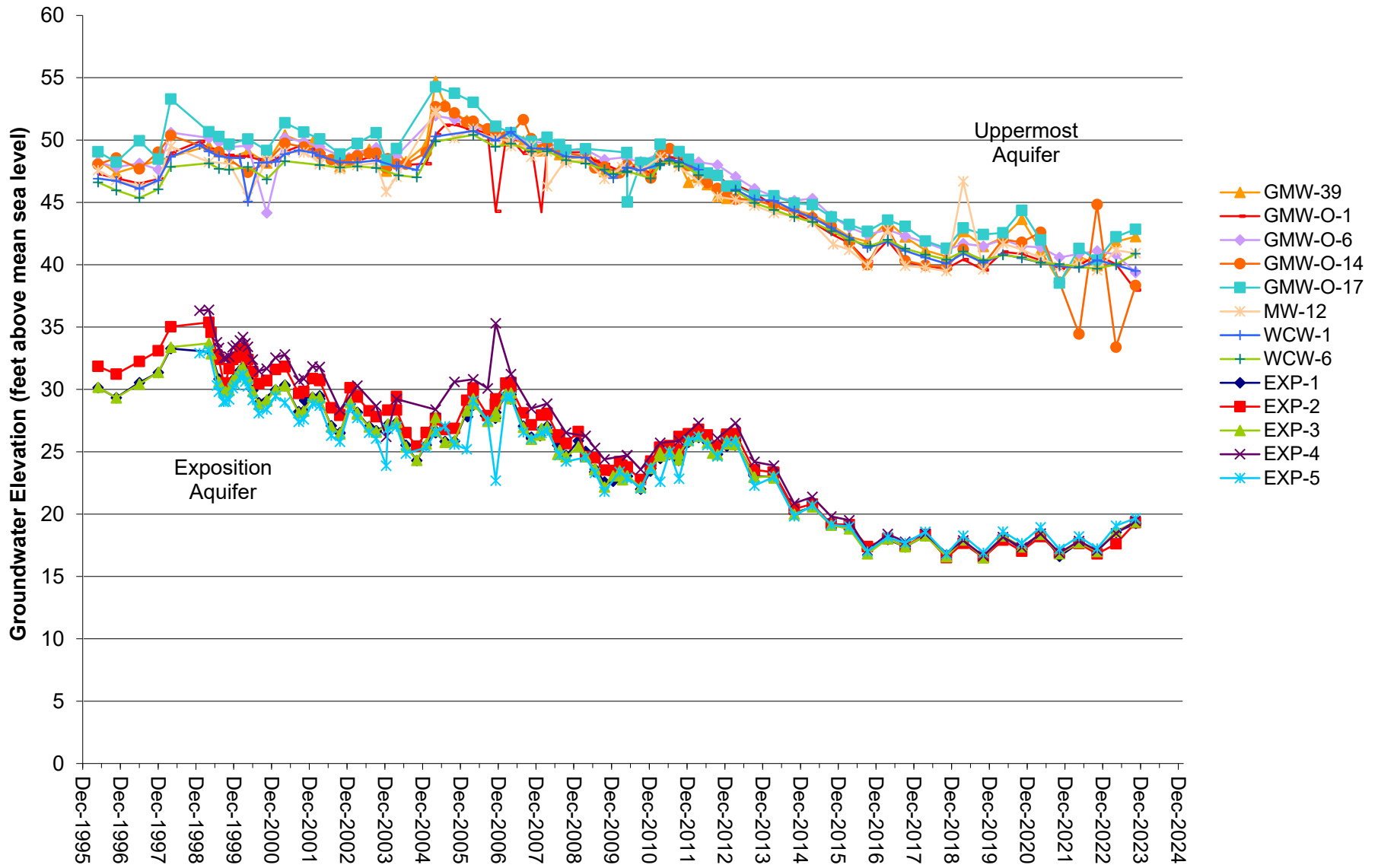
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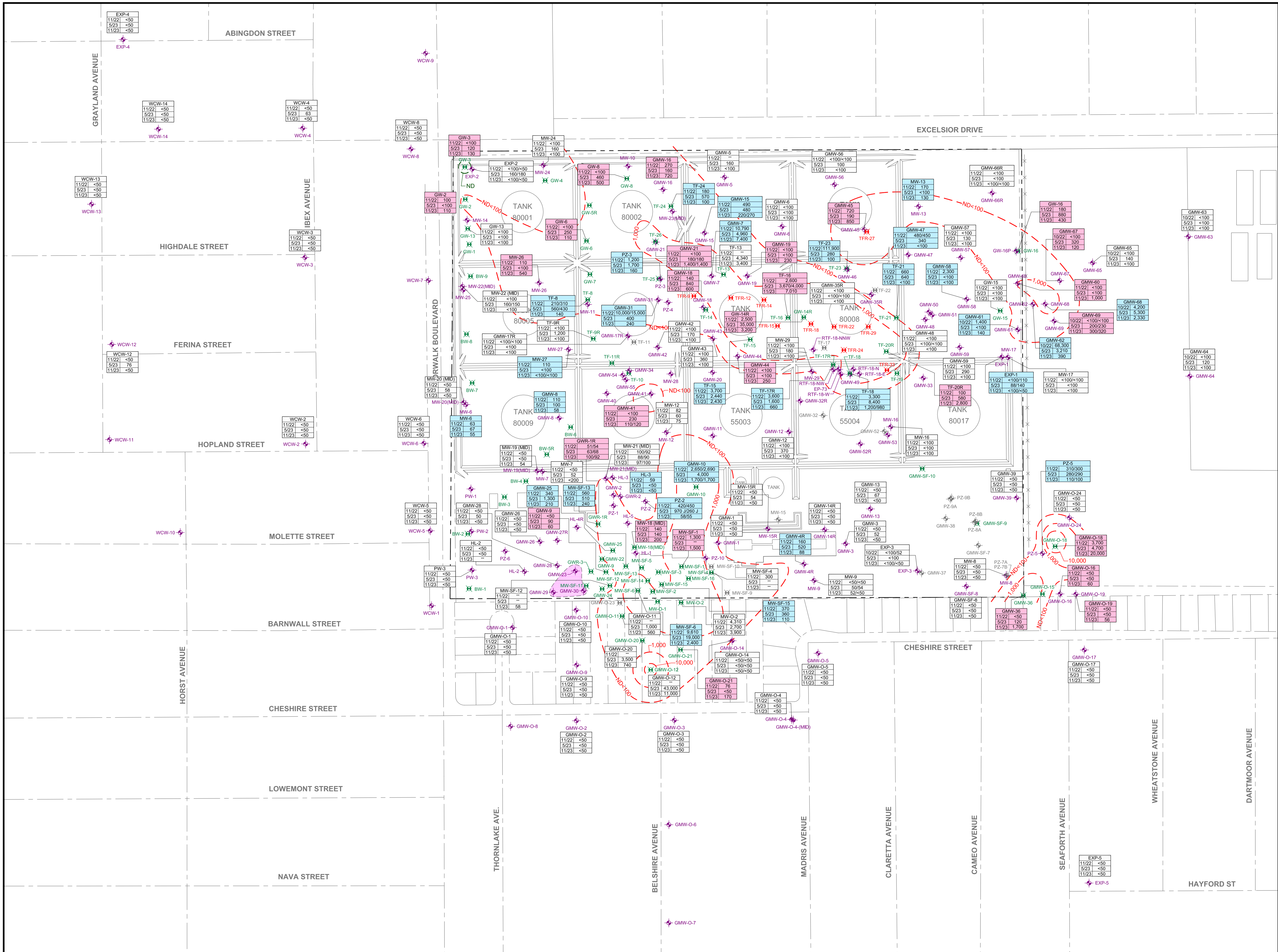
**GROUNDWATER EQUIPOTENTIAL
AND GRADIENT MAP
EXPOSITION AQUIFER
NOVEMBER 6, 2023**

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

		FIGURE 4
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FIGURE 5 - HYDROGRAPH
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California





EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- ⊕ WCV-14 GROUNDWATER MONITORING WELL
- ⊕ TFR-33 TOTAL FLUIDS RECOVERY WELL
- ⊕ GMW-14 WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
- ⊕ TF-26 EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- GMW-26 11/22 <50, 5/23 <50, 11/23 <50
- GMW-9 11/22 <50, 5/23 90, 11/23 60
- GMW-4R 11/22 160, 5/23 520, 11/23 88
- <100 NOT DETECTED AT OR ABOVE THE INDICATED LABORATORY REPORTING LIMIT
- - - NOT SAMPLED / NOT ANALYZED
- <100<100 TWO CONCENTRATIONS ARE SHOWN WHERE DUPLICATE SAMPLES WERE ANALYZED
- J ESTIMATED CONCENTRATION
- ND<100 - - - ESTIMATED EXTENT OF DISSOLVED TPH IN GROUNDWATER (UPPERMOST AQUIFER) DETECTED AT CONCENTRATIONS ABOVE 100 MICROGRAMS PER LITER (µg/L)
- 1,000 - - - LINE OF EQUAL TPH CONCENTRATION IN GROUNDWATER (UPPERMOST AQUIFER)
- ND - - - DATA FOR THE DEEPER EXPOSITION AQUIFER ARE CONTOURED IN GREEN
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 3 OR TABLE 2 FOR MEASURED THICKNESSES

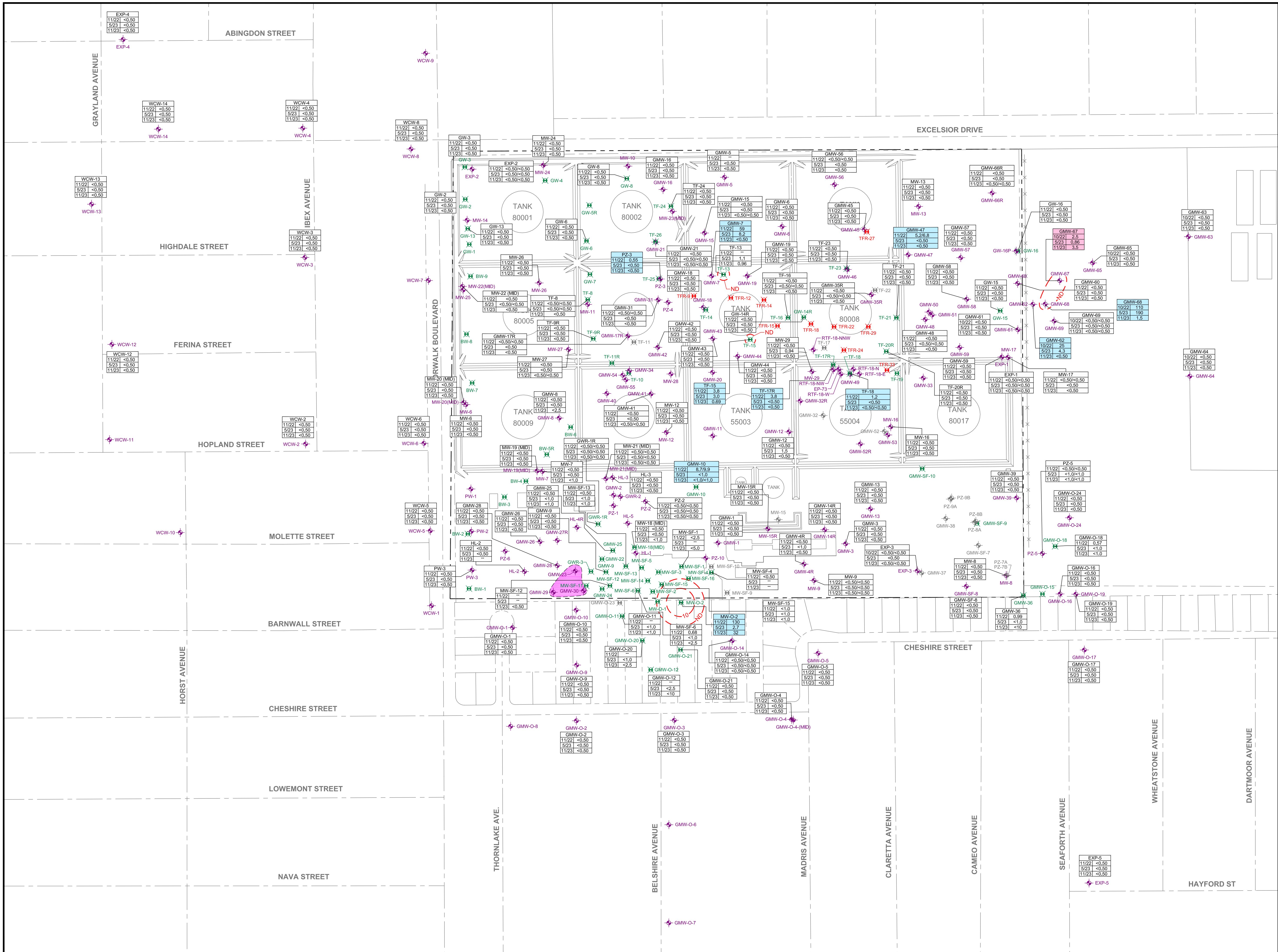
- SURVEY NOTES:**
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE

0 120 240
 APPROXIMATE SCALE IN FEET

DATE: 12/2023 FILE NAME: DFSP-Norwalk-SE2-23.dwg
 PROJECT No.: 091-NOR-001 CONTRACT: SPE603-20-D-5008

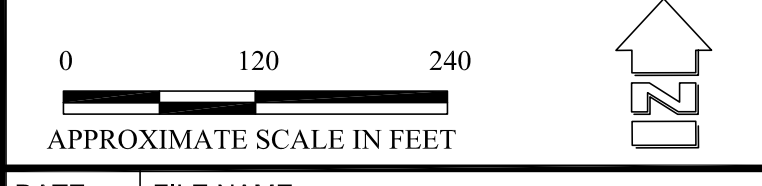
TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER SECOND SEMIANNUAL 2023 SAMPLING EVENT

DFSP NORWALK
 15306 NORWALK BOULEVARD
 NORWALK, CALIFORNIA



- EXPLANATION:**
- FORMER ABOVEGROUND STORAGE TANKS
 - DFSP NORWALK BORDER
 - GROUNDWATER MONITORING WELL
 - TOTAL FLUIDS RECOVERY WELL
 - WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
 - EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- BENZENE CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L) FOR THE THREE MOST RECENT SEMIANNUAL EVENTS; WHERE THE DATABASE IS SHOWN IN WHITE, THE CONCENTRATION OF BENZENE HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON**
- 11/22 <0.50
5/23 <0.50
11/23 <0.50
 - 11/22 <50
5/23 90
11/23 60
 - 11/22 110
5/23 100
11/23 58
- <0.50 NOT DETECTED AT OR ABOVE THE INDICATED LABORATORY REPORTING LIMIT
 - NOT SAMPLED / NOT ANALYZED
 - <0.50/<0.50 TWO CONCENTRATIONS ARE SHOWN WHERE DUPLICATE SAMPLES WERE ANALYZED
 - ND ESTIMATED EXTENT OF DETECTED BENZENE IN GROUNDWATER (UPPERMOST AQUIFER)
 - 10 ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 3 OR TABLE 2 FOR MEASURED THICKNESSES

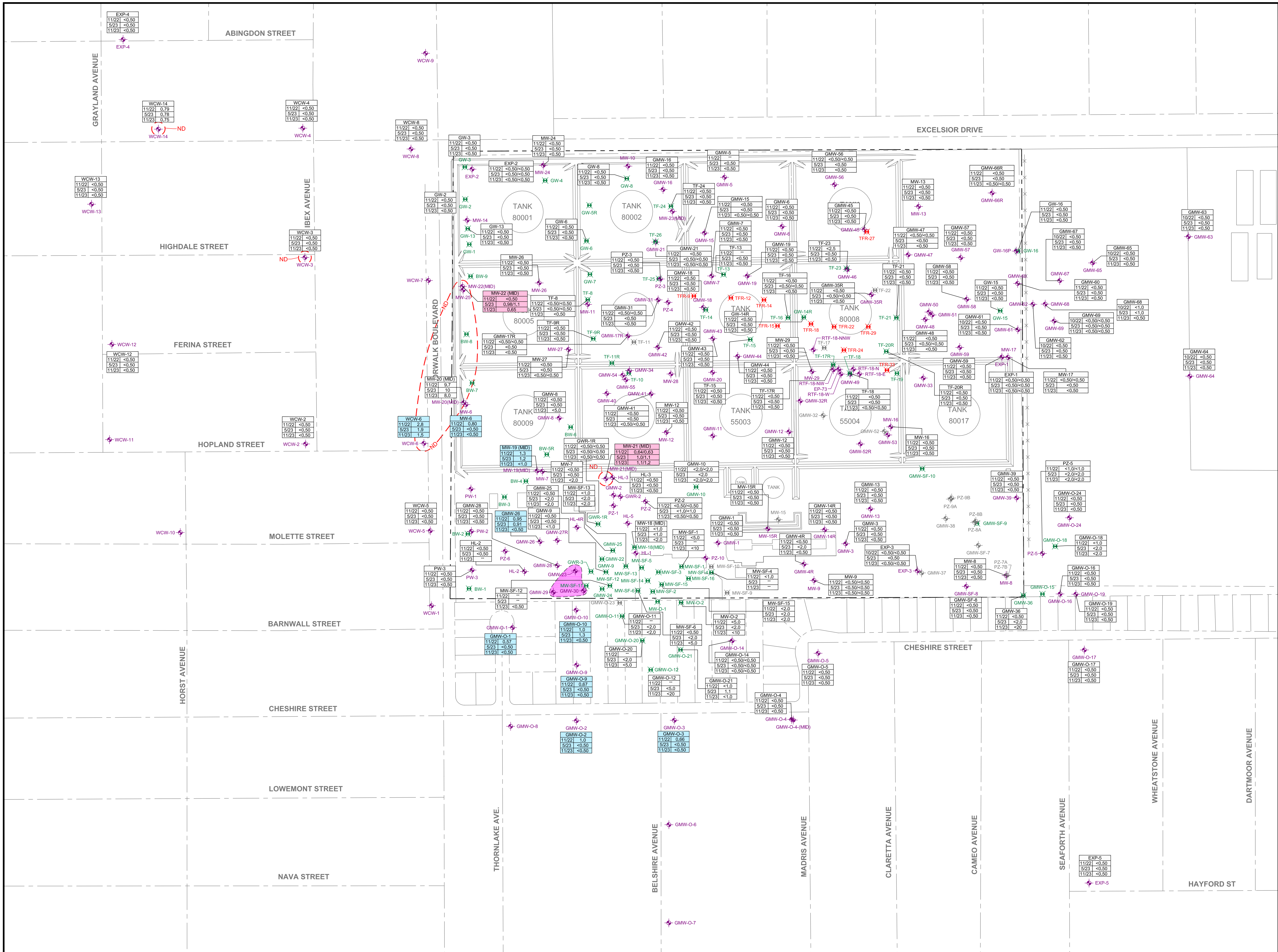
- SURVEY NOTES:**
- BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 - EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 - LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 12/2023	FILE NAME: DFSP-Norwalk-SE2-23.dwg
PROJECT No.: 091-NOR-001	CONTRACT: SPE603-20-D-5008

**BENZENE IN GROUNDWATER
SECOND SEMIANNUAL 2023
SAMPLING EVENT**

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

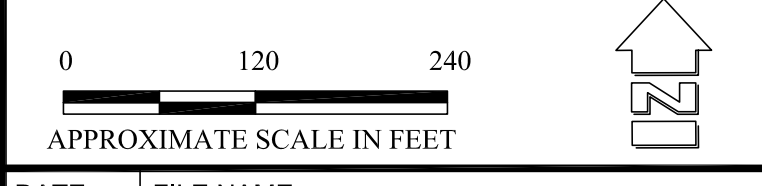


EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- WCV-14 GROUNDWATER MONITORING WELL
- TFR-33 TOTAL FLUIDS RECOVERY WELL
- GMW-14 WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
- TF-26 EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- MW-22 (MD) WHERE THE DATABOX IS SHOWN IN RED, THE CONCENTRATION OF 1,2-DCA HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMI-ANNUAL MONITORING EVENT
- GMW-26 WHERE THE DATABOX IS SHOWN IN BLUE, THE CONCENTRATION OF 1,2-DCA HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMI-ANNUAL MONITORING EVENT
- <0.50 NOT DETECTED AT OR ABOVE THE INDICATED LABORATORY REPORTING LIMIT
- NOT SAMPLED / NOT ANALYZED
- <0.50/<0.50 TWO CONCENTRATIONS ARE SHOWN WHERE DUPLICATE SAMPLES WERE ANALYZED
- ND ESTIMATED EXTENT OF DETECTED DISSOLVED 1,2-DCA IN GROUNDWATER (UPPERMOST AQUIFER)
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 3 OR TABLE 2 FOR MEASURED THICKNESSES

SURVEY NOTES:

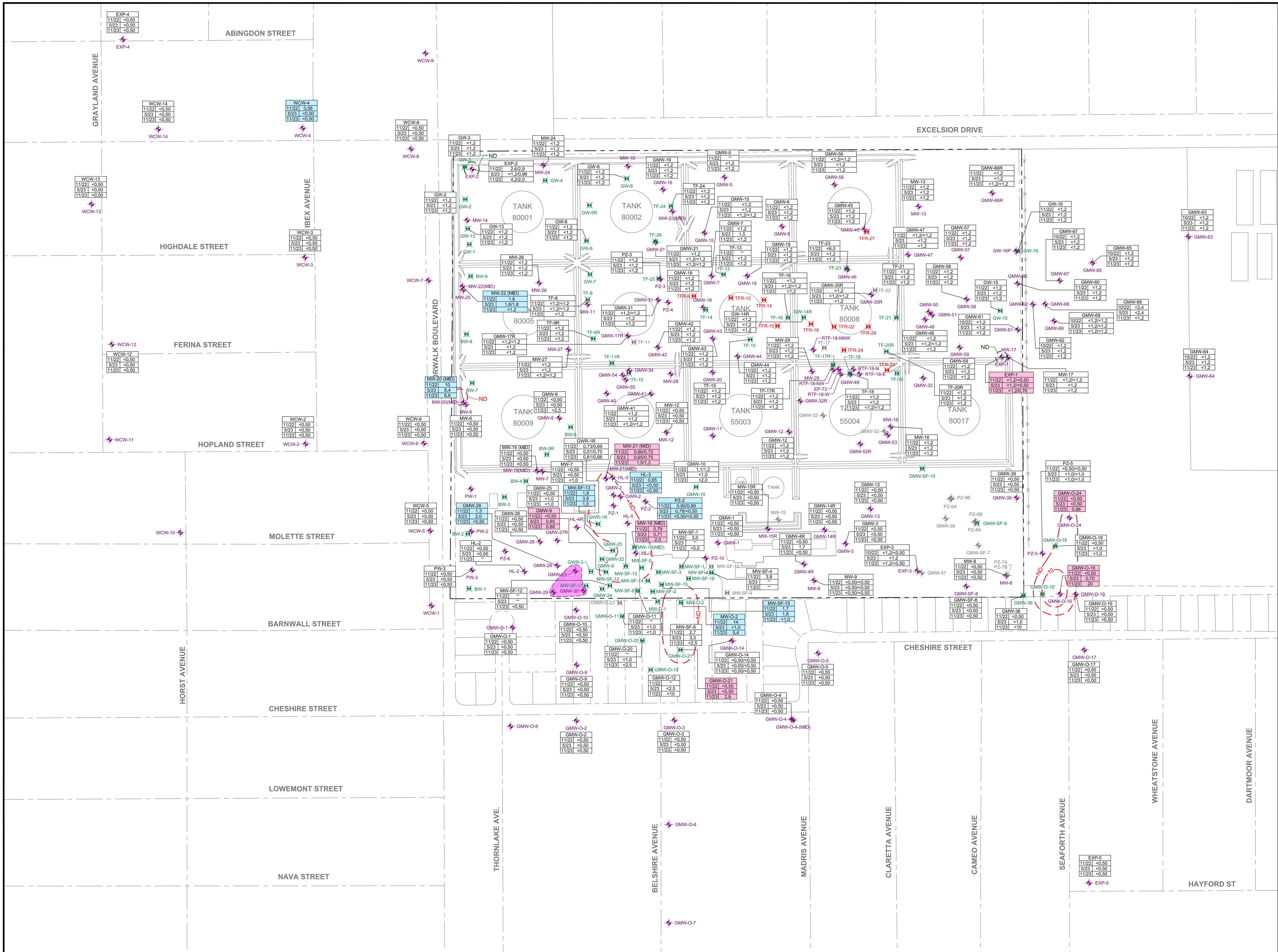
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 12/2023	FILE NAME: DFSP-Norwalk-SE2-23.dwg
PROJECT No.: 091-NOR-001	CONTRACT: SPE603-20-D-5008

**1,2-DICHLOROETHANE
IN GROUNDWATER
SECOND SEMI-ANNUAL 2023
SAMPLING EVENT**

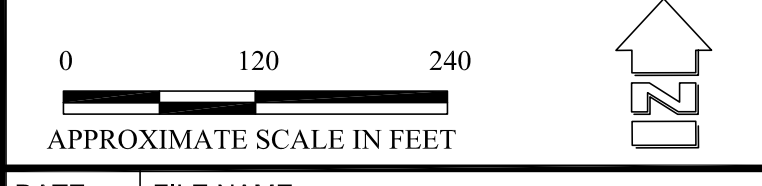
DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA



EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- ⊕ WCV-14 GROUNDWATER MONITORING WELL
- ⊕ TFR-33 TOTAL FLUIDS RECOVERY WELL
- ⊕ GMW-14 WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
- ⊕ TF-26 EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- GMW-42 METHYL TERTIARY-BUTYL ETHER (MTBE) CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L) FOR THE THREE MOST RECENT SEMIANNUAL EVENTS; WHERE THE DATABASE IS SHOWN IN WHITE, THE CONCENTRATION OF MTBE HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10% AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON)
- GMW-O-16 WHERE THE DATABASE IS SHOWN IN RED, THE CONCENTRATION OF MTBE HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT
- GMW-4R WHERE THE DATABASE IS SHOWN IN BLUE, THE CONCENTRATION OF MTBE HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT
- <math>< 0.50</math> NOT DETECTED AT OR ABOVE THE INDICATED LABORATORY REPORTING LIMIT
- NOT SAMPLED / NOT ANALYZED
- <math>< 0.50</math> 0.50 TWO CONCENTRATIONS ARE SHOWN WHERE DUPLICATE SAMPLES WERE ANALYZED
- ND ESTIMATED EXTENT OF DETECTED DISSOLVED FLUID IN GROUNDWATER (UPPERMOST AQUIFER)
- 10 LINE OF EQUAL MTBE CONCENTRATION IN GROUNDWATER (UPPERMOST AQUIFER)
- ND DATA FOR THE DEEPER EXPOSITION AQUIFER ARE CONTOURED IN GREEN
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 3 OR TABLE 2 FOR MEASURED THICKNESSES

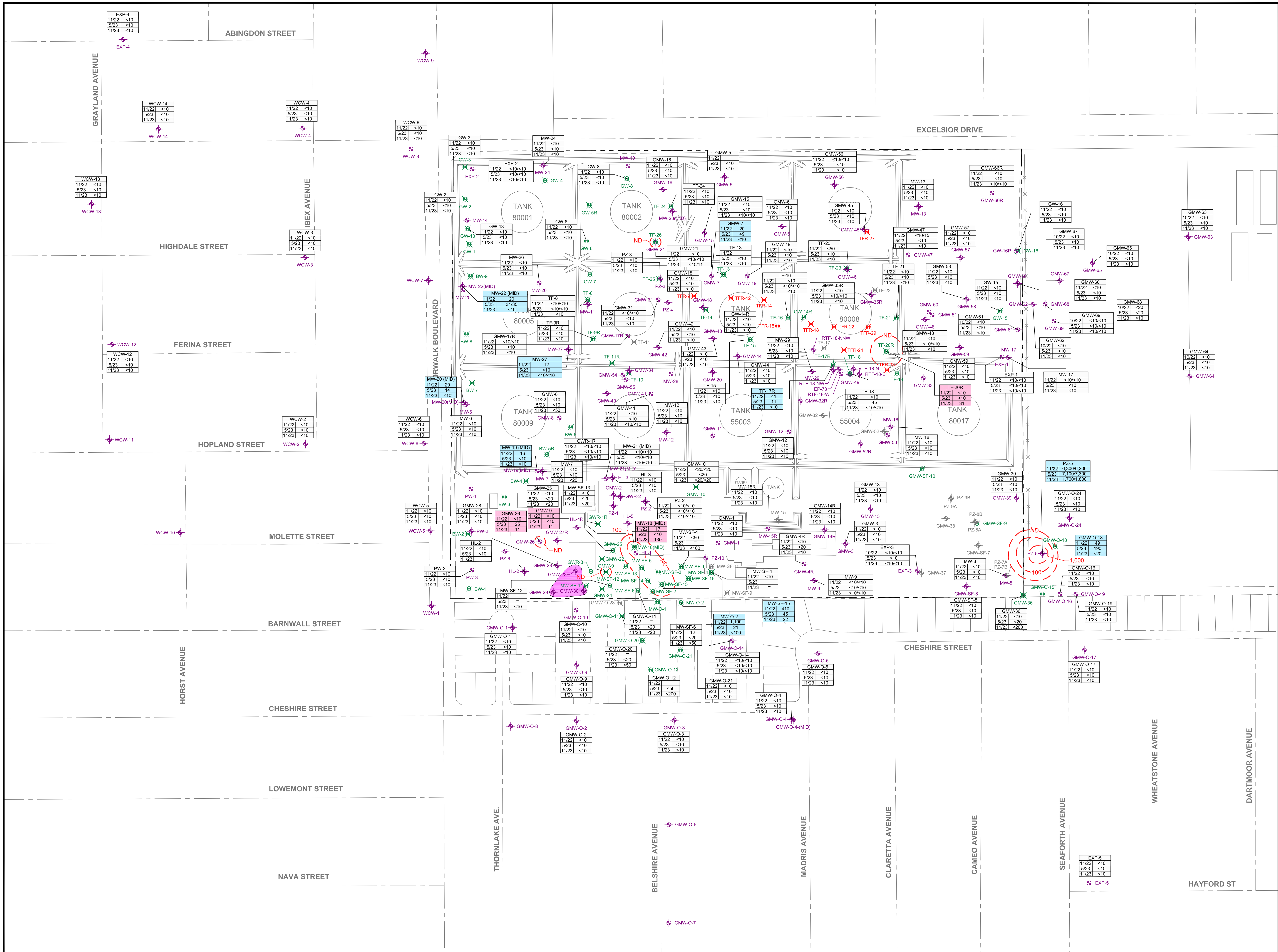
- SURVEY NOTES:**
- BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 - EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 - LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 12/2023	FILE NAME: DFSP-Norwalk-SE2-23.dwg
PROJECT No.: 091-NOR-001	CONTRACT: SPE603-20-D-5008

METHYL TERTIARY-BUTYL ETHER IN GROUNDWATER SECOND SEMIANNUAL 2023 SAMPLING EVENT

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA



EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- WCV-14 GROUNDWATER MONITORING WELL
- TFR-33 TOTAL FLUIDS RECOVERY WELL
- WELLS SHOWN IN GREY HAVE BEEN DECOMMISSIONED
- TF-26 EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- TERTIARY-BUTYL ALCOHOL (TBA) CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L) FOR THE THREE MOST RECENT SEMIANNUAL EVENTS: WHERE THE DATASET IS SHOWN IN RED, THE CONCENTRATION OF TBA HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- WHERE THE DATASET IS SHOWN IN BLUE, THE CONCENTRATION OF TBA HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2022 SEMIANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- <10 NOT DETECTED AT OR ABOVE THE INDICATED LABORATORY REPORTING LIMIT
- NOT SAMPLED / NOT ANALYZED
- <10<10 TWO CONCENTRATIONS ARE SHOWN WHERE DUPLICATE SAMPLES WERE ANALYZED
- ESTIMATED CONCENTRATION
- ND ESTIMATED EXTENT OF DETECTED DISSOLVED TBA IN GROUNDWATER (UPPERMOST AQUIFER)
- 100 LINE OF EQUAL TBA CONCENTRATION IN GROUNDWATER (UPPERMOST AQUIFER)
- ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 3 OR TABLE 2 FOR MEASURED THICKNESSES

SURVEY NOTES:

1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE

0 120 240
 APPROXIMATE SCALE IN FEET

DATE: 12/2023 FILE NAME: DFSP-Norwalk-SE2-23.dwg
 PROJECT No.: 091-NOR-001 CONTRACT: SPE603-20-D-5008

**TERTIARY-BUTYL ALCOHOL
 IN GROUNDWATER
 SECOND SEMIANNUAL 2023
 SAMPLING EVENT**

DFSP NORWALK
 15306 NORWALK BOULEVARD
 NORWALK, CALIFORNIA

SGI environmental **APEX**

FIGURE
10

TABLES

**TABLE 1
MONITORING WELL SPECIFICATIONS**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet MSL)
Exposition Aquifer							
EXP-1	03/06/92	WCC	128.5	4	82 - 122	0.010	78.44
EXP-2	10/15/92	WCC	149.0	4	90 - 120	0.020	79.43
EXP-3	10/20/92	WCC	150.0	4	85 - 115	0.010	74.36
EXP-4	07/07/98	GMX	118.0	4	96.1 - 115.2	0.020	79.81
EXP-5	07/08/98	GMX	120.0	4	94.4 - 113.4	0.020	72.41
Uppermost Aquifer							
EP-72/TF-17R	06/07/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.63
GMW-1	05/16/91	GTI	50.0	4	20 - 50	0.010	74.77
GMW-2	05/16/91	GTI	50.0	4	20 - 50	0.010	73.57
GMW-3	05/17/91	GTI	50.0	4	20 - 50	0.010	75.10
GMW-4*	05/21/91	GTI	50.0	4	20 - 50	0.010	75.45
GMW-4R	11/01/16	SGI	50.0	4	20 - 50	0.010	75.13
GMW-5	05/21/91	GTI	50.0	4	20 - 50	0.010	77.61
GMW-6	07/09/91	GTI	50.0	4	25 - 50	0.010	77.31
GMW-7	07/09/91	GTI	50.0	4	25 - 50	0.010	76.87
GMW-8	07/10/91	GTI	50.0	4	25 - 50	0.010	73.20
GMW-9	07/08/91	GTI	50.0	4	20 - 50	0.010	77.16
GMW-10	07/08/91	GTI	50.0	4	25 - 50	0.010	73.36
GMW-11	07/09/91	GTI	50.0	4	20 - 50	0.010	72.90
GMW-12	07/09/91	GTI	50.0	4	25 - 50	0.010	75.21
GMW-13	07/08/91	GTI	50.0	4	25 - 50	0.010	74.17
GMW-14*	07/10/91	GTI	50.0	4	25 - 50	0.010	74.72
GMW-14R	10/31/16	SGI	50.0	4	20 - 50	0.010	75.30
GMW-15	07/30/91	GTI	50.0	4	25 - 50	0.010	76.21
GMW-16	08/01/91	GTI	50.0	4	25 - 50	0.010	77.00
GMW-17*	08/01/91	GTI	50.0	4	25 - 50	0.010	74.66
GMW-17R	11/10/16	SGI	50.0	4	25 - 50	0.010	77.79
GMW-18	07/31/91	GTI	50.0	4	25 - 50	0.010	75.36
GMW-19	07/31/91	GTI	50.0	4	25 - 50	0.010	76.83
GMW-20	08/01/91	GTI	50.0	4	25 - 50	0.010	75.10
GMW-21	08/02/91	GTI	50.0	4	25 - 50	0.010	76.23
GMW-22	08/02/91	GTI	61.0	4	25 - 60	0.010	77.24
GMW-23	08/02/91	GTI	60.0	4	25 - 60	0.010	74.85
GMW-24	08/05/91	GTI	60.0	4	25 - 60	0.010	77.48
GMW-25	01/10/92	GTI	50.0	6	20 - 50	0.010	78.14
GMW-26	01/07/92	GTI	51.5	4	20 - 50	0.010	74.52
GMW-27*	01/10/92	GTI	50.0	4	20 - 50	0.010	74.41
GMW-27R	06/08/17	SGI	50.0	4	20 - 50	0.010	77.15
GMW-28	01/07/92	GTI	50.0	4	20 - 50	0.010	74.68
GMW-29	01/09/92	GTI	50.0	4	20 - 50	0.010	77.57
GMW-30	01/09/92	GTI	51.5	6	20 - 50	0.010	74.91
GMW-31	06/02/93	GTI	65.0	4	25 - 65	0.010	76.50
GMW-32*	06/01/93	GTI	50.0	4	20 - 50	0.020	74.62
GMW-32R	11/09/16	SGI	50.0	4	20 - 50	0.020	76.93
GMW-33	06/01/93	GTI	50.0	4	20 - 50	0.020	74.88
GMW-34	06/03/93	GTI	50.0	4	20 - 50	0.020	75.25
GMW-35*	06/04/93	GTI	50.0	4	20 - 50	0.020	76.12
GMW-35R	11/08/16	SGI	50.0	4	20 - 50	0.020	75.90

TABLE 1
MONITORING WELL SPECIFICATIONS

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet MSL)
GMW-36	04/11/94	GTI	50.0	4	20 - 50	0.010	76.66
GMW-37*	04/11/94	GTI	50.0	4	20 - 50	0.010	77.32
GMW-38*	04/12/94	GTI	50.0	4	20 - 50	0.010	75.47
GMW-39	04/12/94	GTI	50.0	4	20 - 50	0.010	74.06
GMW-40	06/29/94	GTI	50.5	4	20 - 50	0.010	-----
GMW-41	06/30/94	GTI	50.5	4	20 - 50	0.010	72.69
GMW-42	06/30/94	GTI	50.5	4	20 - 50	0.010	75.50
GMW-43	07/01/94	GTI	50.5	4	20 - 50	0.010	76.07
GMW-44	07/01/94	GTI	50.5	4	20 - 50	0.010	75.71
GMW-45	07/01/94	GTI	50.5	4	20 - 50	0.010	75.67
GMW-46	07/05/94	GTI	50.5	4	20 - 50	0.010	76.10
GMW-47	07/05/94	GTI	50.5	4	20 - 50	0.010	75.98
GMW-48	07/05/94	GTI	50.5	4	20 - 50	0.010	75.03
GMW-49	07/06/94	GTI	50.5	4	20 - 50	0.010	74.75
GMW-50	12/19/94	GTI	46.5	4	15 - 45	0.010	75.51
GMW-51	12/19/94	GTI	41.5	4	15 - 40	0.010	75.93
GMW-52*	12/19/94	GTI	41.5	4	15 - 40	0.010	75.03
GMW-52R	06/05/17	SGI	50.0	4	20 - 50	0.010	77.62
GMW-53	12/19/94	GTI	46.5	4	15 - 45	0.010	74.90
GMW-54	12/20/94	GTI	46.5	4	15 - 45	0.010	74.73
GMW-55	12/20/94	GTI	41.5	4	15 - 40	0.010	74.60
GMW-56	08/12/98	FDGTI	55.0	2	20 - 55	0.020	76.50
GMW-56	08/12/98	FDGTI	55.0	4	20 - 55	0.020	76.52
GMW-57	08/13/98	FDGTI	55.0	2	19 - 54	0.020	76.66
GMW-57	08/13/98	FDGTI	55.0	4	19 - 54	0.020	76.66
GMW-58	08/14/98	FDGTI	55.0	2	20 - 55	0.020	75.46
GMW-58	08/14/98	FDGTI	55.0	4	20 - 55	0.020	75.48
GMW-59	08/14/98	FDGTI	55.0	2	20 - 55	0.020	75.28
GMW-59	08/14/98	FDGTI	55.0	4	20 - 55	0.020	75.28
GMW-60	04/14/04	Parsons	50.0	4	25 - 40	0.010	76.24
GMW-61	04/14/04	Parsons	50.0	4	30 - 40	0.010	75.60
GMW-62	07/02/07	Parsons	40.5	4	20 - 40	0.010	76.34
GMW-63	09/29/08	Parsons	41.0	4	20 - 40	0.020	77.32
GMW-64	09/29/08	Parsons	41.0	4	19.5 - 39.5	0.020	75.84
GMW-65	07/06/09	Parsons	41.5	4	21 - 41	0.020	76.78
GMW-66R	04/07/16	SGI	46.5	4	20 - 45	0.020	79.23
GMW-67	07/13/15	SGI	47.0	4	25 - 45	0.020	76.00
GMW-68	07/15/15	SGI	45.0	4	25 - 45	0.020	75.52
GMW-69	07/14/15	SGI	45.0	4	25 - 45	0.020	75.31
GMW-O-1	03/04/92	GTI	51.5	4	19 - 49.5	0.010	71.45
GMW-O-2	03/02/92	GTI	51.5	4	20 - 50	0.010	72.54
GMW-O-3	03/02/92	GTI	51.5	4	20 - 50	0.010	72.19
GMW-O-4	03/03/92	GTI	51.5	4	20 - 50	0.010	71.95
GMW-O-4 (MID)	03/03/92	GTI	66.5	4	54.5 - 64.5	0.010	72.24
GMW-O-5	03/04/92	GTI	51.5	4	20 - 50	0.010	72.36
GMW-O-6	05/18/92	GTI	51.5	4	20 - 50	0.010	71.41
GMW-O-7	05/19/92	GTI	51.5	4	20 - 50	0.010	70.98
GMW-O-8	05/18/92	GTI	51.0	4	19.5 - 49.5	0.010	70.91
GMW-O-9	07/29/92	GTI	51.5	4	20 - 50	0.010	73.50
GMW-O-10	07/29/92	GTI	51.5	4	20 - 50	0.010	73.98

TABLE 1
MONITORING WELL SPECIFICATIONS
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet MSL)
GMW-O-11	05/20/92	GTI	51.5	4	20 - 50	0.010	74.17
GMW-O-12	05/21/92	GTI	51.5	4	20 - 50	0.010	73.49
GMW-O-14	05/20/92	GTI	51.5	4	20 - 50	0.010	74.08
GMW-O-15	04/19/94	GTI	50.0	4	20 - 50	0.020	74.23
GMW-O-16	04/19/94	GTI	50.0	4	20 - 50	0.020	74.10
GMW-O-17	07/26/94	GMX	41.0	4	20.4 - 39.5	0.010	73.78
GMW-O-18	07/25/94	GMX	41.0	4	20.8 - 40.4	0.010	74.36
GMW-O-19	07/29/94	GMX	41.5	4	20.2 - 39.9	0.010	74.46
GMW-O-20	06/15/95	GMX	45.9	4	-----	-----	73.32
GMW-O-21	06/19/97	GMX	45.9	4	25.5 - 45.5	0.010	71.43
GMW-O-22	-----	GMX	41.0	4	-----	-----	74.36
GMW-O-23*	06/25/07	GMX	44.0	4	20 - 40	0.020	73.63
GMW-O-24	09/24/12	CH2M	45.0	4	20 - 40	0.010	74.39
GMW-SF-7*	07/27/94	GMX	41.0	4	20.1 - 39.9	0.010	75.26
GMW-SF-8	07/28/94	GMX	41.0	4	19.5 - 39.5	0.010	74.28
GMW-SF-9*	04/01/03	GMX	47.0	4	36.6 - 46.2	0.020	73.05
GMW-SF-10*	04/02/03	GMX	47.0	4	36.7 - 46.4	0.020	75.77
GW-1	06/12/95	GTI	63.0	1	25 - 60	0.020	75.46
GW-1	06/12/95	GTI	63.0	4	25 - 60	0.020	75.97
GW-2	06/12/95	GTI	63.0	1	25 - 60	0.020	76.39
GW-2	06/12/95	GTI	63.0	4	25 - 60	0.020	75.78
GW-3	06/13/95	GTI	63.0	1	25 - 60	0.020	76.56
GW-3	06/13/95	GTI	63.0	4	25 - 60	0.020	75.79
GW-4	06/13/95	GTI	63.0	1	24 - 59	0.020	74.77
GW-4	06/13/95	GTI	63.0	4	24 - 59	0.020	73.86
GW-5*	06/15/95	GTI	63.0	1	25.5 - 60.5	0.020	77.09
GW-5*	06/15/95	GTI	63.0	4	25.5 - 60.5	0.020	76.99
GW-5R	11/09/16	SGI	50.0	4	20 - 50	0.020	79.06
GW-6	06/15/95	GTI	63.0	1	25 - 60	0.020	77.41
GW-6	06/15/95	GTI	63.0	4	25 - 60	0.020	76.38
GW-7	06/16/95	GTI	63.0	1	25 - 60	0.020	76.76
GW-7	06/16/95	GTI	63.0	4	25 - 60	0.020	75.02
GW-8	06/14/95	GTI	63.0	1	24 - 59	0.020	76.88
GW-8	06/14/95	GTI	63.0	4	24 - 59	0.020	76.15
GW-13	04/26/07	Parsons	65.0	1	25 - 65	0.020	77.00
GW-13	04/26/07	Parsons	67.0	6	25 - 65	0.020	76.85
GW-14*	04/26/07	Parsons	65.0	1	25 - 65	0.020	76.55
GW-14*	04/26/07	Parsons	67.0	6	25 - 65	0.020	76.54
GW-14R	11/08/16	SGI	50.0	4	20 - 50	0.020	78.77
GW-15	04/26/07	Parsons	62.5	1	20.5 - 60.5	0.020	75.36
GW-15	04/26/07	Parsons	60.5	6	20.5 - 60.6	0.020	74.94
GW-16p	07/07/09	Parsons	61.3	1	21 - 61	0.020	76.55
GW-16	07/07/09	Parsons	63.0	6	20.5 - 60.5	0.020	76.33
GWR-1*	07/11/91	GTI	50.0	4	25 - 50	0.010	77.40
GWR-1R	11/10/16	SGI	50.0	4	20 - 50	0.010	76.64
GWR-2	07/12/91	GTI	50.0	4	25 - 50	0.010	73.66
GWR-3	01/10/92	GTI	50.0	6	20 - 50	0.010	77.60
HL-1	10/14/86	HLA	39.0	4	18 - 38	0.010	75.83
HL-2	10/13/86	HLA	39.0	4	16.5 - 36.5	0.010	76.94
HL-3	10/15/86	HLA	44.0	4	19 - 39	0.010	76.86

**TABLE 1
MONITORING WELL SPECIFICATIONS**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet MSL)
HL-4*	10/16/86	HLA	39.0	4	18 - 38.5	0.010	75.75
HL-4R	06/08/17	SGI	50.0	4	20 - 50	0.010	77.08
HL-5	10/16/86	HLA	39.5	4	18.5 - 39	0.010	76.13
MW-6	08/09/90	WCC	50.0	4	18 - 48	0.010	77.20
MW-7	08/27/90	WCC	50.0	4	19 - 48	0.010	78.13
MW-8	08/24/90	WCC	51.0	4	18 - 48	0.010	76.06
MW-9	08/08/90	WCC	50.0	4	18 - 48	0.010	77.11
MW-10	08/24/90	WCC	51.0	4	18 - 48	0.010	79.12
MW-11	08/09/90	WCC	50.0	4	18 - 48	0.010	78.17
MW-12	08/27/90	WCC	50.0	4	18 - 48	0.010	75.76
MW-13	08/23/90	WCC	50.0	4	18 - 48	0.010	78.25
MW-14	08/07/90	WCC	50.0	4	18 - 48	0.010	78.60
MW-15*	08/07/90	WCC	50.0	4	18 - 48	0.010	76.99
MW-15R	10/31/16	SGI	50.0	4	20 - 50	0.010	74.85
MW-16	08/08/90	WCC	50.0	4	18 - 48	0.010	76.87
MW-17	08/06/90	WCC	50.0	4	18 - 48	0.010	77.86
MW-18 (MID)	06/10/91	WCC	62.2	4	50 - 60	0.010	75.67
MW-19 (MID)	06/11/91	WCC	62.2	4	49.5 - 59.5	0.010	78.14
MW-20 (MID)	06/12/91	WCC	65.7	4	43 - 53	0.010	77.19
MW-21 (MID)	06/12/91	WCC	62.4	4	47 - 57	0.010	77.55
MW-22 (MID)	06/13/91	WCC	57.9	4	42 - 52	0.010	79.57
MW-23 (MID)	06/14/91	WCC	57.1	4	42 - 52	0.010	79.59
MW-24	06/14/91	WCC	47.0	4	14 - 44	0.010	77.66
MW-25	06/17/91	WCC	47.2	4	22.5 - 42.5	0.010	79.15
MW-26	06/17/91	WCC	47.3	4	23.5 - 43.5	0.010	77.40
MW-27	06/17/91	WCC	52.3	4	18 - 48	0.010	78.46
MW-28	6/19/91	WCC	51.5	4	16.5 - 46.5	0.010	75.90
MW-29	06/19/91	WCC	52.4	4	17.5 - 47.5	0.010	79.13
MW-O-1	01/22/91	GMX	40.0	2	25 - 40	0.020	75.48
MW-O-2	01/23/91	GMX	40.0	2	25 - 40	0.020	71.90
MW-O-3	10/25/91	GMX	41.0	6	20.5 - 41	0.010	74.53
MW-O-4	10/25/91	GMX	41.0	4	20.5 - 41	0.010	75.00
MW-SF-1	06/18/90	GMX	40.0	4	25 - 40	0.020	78.93
MW-SF-2	06/18/90	GMX	40.0	4	25 - 40	0.020	78.53
MW-SF-3	06/18/90	GMX	40.0	4	25 - 40	0.020	78.12
MW-SF-4	06/19/90	GMX	40.0	4	25 - 40	0.020	79.38
MW-SF-5	09/19/90	GMX	40.0	4	23 - 38	0.020	79.74
MW-SF-6	09/19/90	GMX	40.0	4	24 - 39	0.020	76.80
MW-SF-9	06/15/95	GMX	40.0	4	25 - 40	----	74.10
MW-SF-10	09/23/03	GMX	30.5	4	10.3 - 29.9	0.020	76.53
MW-SF-11	06/19/07	GMX	44.0	4	20 - 40	0.020	78.56
MW-SF-12	06/18/07	GMX	44.0	4	20 - 40	0.020	78.07
MW-SF-13	06/19/07	GMX	44.0	4	20 - 40	0.020	73.40
MW-SF-14	06/21/07	GMX	44.0	4	20 - 40	0.020	78.16
MW-SF-15	06/21/07	GMX	44.0	4	20 - 40	0.020	78.27
MW-SF-16	06/20/07	GMX	44.0	4	20 - 40	0.020	78.21
PO-7	05/01/89	GW	56.0	4	29 - 49	0.020	80.26
PW-1	01/06/92	GTI	51.5	4	20 - 50	0.010	75.52
PW-2	01/06/92	GTI	50.0	4	20 - 50	0.010	74.71
PW-3	01/06/92	GTI	50.0	4	20 - 50	0.010	73.71

TABLE 1
MONITORING WELL SPECIFICATIONS

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet MSL)
PZ-1	07/12/91	GTI	50.0	2	25 - 50	0.010	73.74
PZ-2	07/12/91	GTI	50.0	2	25 - 50	0.010	73.96
PZ-3	06/03/93	GTI	65.0	2	25 - 65	0.020	76.17
PZ-4	06/02/93	GTI	60.0	2	25 - 60	0.020	76.13
PZ-5	09/26/00	GMX	40.3	4	20.6 - 39.4	0.010	73.97
PZ-6	09/26/00	GMX	37.5	4	22.8 - 37.8	0.010	73.91
PZ-7A*	04/07/03	GMX	32.0	2	21.5 - 31.2	0.010	73.87
PZ-7B*	04/07/03	GMX	47.5	2	42 - 46.7	0.010	73.79
PZ-8A*	04/08/03	GMX	31.5	2	21.2 - 31	0.010	75.81
PZ-8B*	04/08/03	GMX	47.0	2	41.4 - 46.2	0.010	75.69
PZ-9A*	04/09/03	GMX	32.0	2	21.6 - 30.9	0.010	76.14
PZ-9B*	04/09/03	GMX	47.0	2	41.5 - 46.2	0.010	76.26
PZ-10	04/10/03	GMX	38.5	2	23.2 - 37.9	0.020	74.34
RTF-18-E	12/28/15	SGI	41.0	4	25.0 - 40.0	0.020	75.19
RTF-18-N	12/28/15	SGI	41.0	4	25.0 - 40.0	0.020	75.17
RTF-18-NNW	12/29/15	SGI	41.0	4	25.0 - 40.0	0.020	76.77
RTF-18-NW	12/29/15	SGI	41.0	4	25.0 - 40.0	0.020	76.22
RTF-18-W	12/28/15	SGI	41.0	4	25.0 - 40.0	0.020	74.86
TF-8	09/22/95	GTI	63.0	1.5	25 - 60	0.020	75.60
TF-8	09/22/95	GTI	63.0	4	25 - 60	0.020	74.86
TF-9*	09/22/95	GTI	63.0	1.5	25 - 60	0.020	75.27
TF-9*	09/22/95	GTI	63.0	4	25 - 60	0.020	74.47
TF-9R	06/06/17	SGI	50.0	4	20 - 50	0.020	78.00
TF-10	09/25/95	GTI	63.0	1.5	25 - 60	0.020	74.19
TF-10	09/25/95	GTI	63.0	4	25 - 60	0.020	73.61
TF-11*	09/25/95	GTI	63.0	1.5	25 - 60	0.020	74.95
TF-11*	09/25/95	GTI	63.0	4	25 - 60	0.020	74.40
TF-11R	06/17/17	SGI	50.0	4	20 - 50	0.020	77.75
TF-13	09/26/95	GTI	63.0	1.5	25 - 60	0.020	75.90
TF-13	09/26/95	GTI	63.0	4	25 - 60	0.020	75.47
TF-14	09/27/95	GTI	63.0	1.5	25 - 60	0.020	74.78
TF-14	09/27/95	GTI	63.0	4	25 - 60	0.020	74.35
TF-15	09/28/95	GTI	63.0	1.5	25 - 60	0.020	75.40
TF-15	09/28/95	GTI	63.0	4	25 - 60	0.020	74.78
TF-16	09/28/95	GTI	63.0	1.5	25 - 60	0.020	76.48
TF-16	09/28/95	GTI	63.0	4	25 - 60	0.020	75.89
TF-17*	09/29/95	GTI	63.0	1.5	25 - 60	0.020	75.26
TF-17*	09/29/95	GTI	63.0	4	25 - 60	0.020	74.88
TF-17R/EP-72	06/07/17	SGI	40.0	4 (steel)	20 - 40	0.020	77.63
TF-18	07/06/94	GTI	50.5	4	20 - 50	0.020	73.74
TF-19	10/03/95	GTI	63.0	1.5	25 - 60	0.020	75.61
TF-19	10/03/95	GTI	63.0	4	25 - 60	0.020	75.07
TF-20*	10/03/95	GTI	63.0	1.5	25 - 60	0.020	75.59
TF-20*	10/03/95	GTI	63.0	4	25 - 60	0.020	75.08
TF-20R	11/07/16	SGI	63.0	2	25 - 60	0.020	75.26
TF-21	09/29/95	GTI	63.0	1.5	25 - 60	0.020	75.60
TF-21	09/29/95	GTI	63.0	4	25 - 60	0.020	77.91
TF-22*	10/02/95	GTI	63.0	1.5	25 - 60	0.020	74.95
TF-22*	10/02/95	GTI	63.0	4	25 - 60	0.020	74.76
TF-22R	06/06/17	SGI	50.0	2	20 - 50	0.020	79.92

TABLE 1
MONITORING WELL SPECIFICATIONS

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Installation Date	Installed By	Total Depth (feet bgs)	Casing Diameter (inches)	Screen Interval (feet bgs)	Slot Size (inches)	Casing Elevation (feet MSL)
TF-23	07/05/94	GTI	50.5	4	20 - 50	0.020	75.31
TF-24	09/26/95	GTI	63.0	1.5	25 - 60	0.020	76.35
TF-24	09/26/95	GTI	63.0	4	25 - 60	0.020	76.43
TF-25	04/04/01	GTI	47.0	1.5	41 - 46	0.020	-----
TF-25	04/04/01	GTI	47.0	4	26 - 36	0.020	74.85
TF-26	04/03/01	GTI	47.0	1.5	41 - 46	0.020	-----
TF-26	04/03/01	GTI	47.0	4	26 - 36	0.020	75.85
TFR-9	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-12	12/11/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-14	12/13/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-15	12/14/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-18	12/14/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-22	11/30/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-24	11/30/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-27	11/29/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-29	11/29/17	SGI	40.0	4	20 - 40	0.020	-----
TFR-33	11/28/17	SGI	40.0	4	20 - 40	0.020	-----
WCW-1	02/18/92	WCC	52.0	4	20 - 50	0.010	72.86
WCW-2	02/21/92	WCC	52.0	4	20 - 50	0.010	75.34
WCW-3	02/19/92	WCC	56.5	4	19 - 49	0.010	76.16
WCW-4	02/20/92	WCC	56.5	4	20 - 50	0.010	78.05
WCW-5	04/30/92	WCC	52.0	4	19 - 49	0.010	73.49
WCW-6	04/20/92	WCC	53.5	4	20 - 50	0.010	75.52
WCW-7	04/29/92	WCC	53.0	4	20 - 50	0.010	76.44
WCW-8	04/21/92	WCC	53.5	4	20 - 50	0.010	77.34
WCW-9	04/28/92	WCC	53.5	4	20 - 50	0.010	77.74
WCW-10	09/11/92	WCC	56.5	4	25 - 55	0.010	74.06
WCW-11	09/09/92	WCC	61.5	4	30 - 60	0.010	75.29
WCW-12	09/08/92	WCC	61.5	4	30 - 60	0.010	76.27
WCW-13	09/10/92	WCC	61.5	4	30 - 60	0.010	77.70
WCW-14	08/12/98	FDGTI	59.0	4	24 - 59	0.010	78.81

Notes: Monitoring wells sampled during this sampling event are shown in **bold**.
 Biosparge and vapor extraction wells used for remediation purposes only are not included.
 feet bgs = feet below ground surface
 feet MSL = feet above mean sea level
 WCC = Woodward-Clyde Consultants
 GMX = Geomatrix Consultants
 * Well has been decommissioned
 SGI = The Source Group, Inc.
 GTI = Groundwater Technology/Groundwater Technology Government Services, Inc.
 FDGTI = Fluor Daniel GTI
 Parsons = Parsons Corporation
 CH2M = CH2M Hill Engineers, Inc.
 ----- = information not available
 GW = Golden West

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2023 MONITORING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Gauged By	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Water (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
Exposition Aquifer								
EXP-1	11/08/23	SGI/Apex	78.44	----	59.19	----	19.25	
EXP-1	11/06/23	BT	78.44	----	59.18	----	19.26	
EXP-2	11/06/23	SGI/Apex	79.43	----	60.11	----	19.32	
EXP-2	11/06/23	BT	79.43	----	60.19	----	19.24	
EXP-3	11/06/23	SGI/Apex	74.36	----	54.98	----	19.38	
EXP-3	11/06/23	BT	74.36	----	54.98	----	19.38	
EXP-4	11/06/23	BT	79.81	----	60.36	----	19.45	
EXP-5	11/06/23	BT	72.41	----	52.74	----	19.67	
Uppermost Aquifer								
EP-73	11/07/23	SGI/Apex	77.21	----	35.57	----	41.64	
GMW-1	11/06/23	BT	74.77	----	34.96	----	39.81	
GMW-3	11/06/23	BT	75.10	----	34.62	----	40.48	
GMW-4R	11/06/23	BT	75.13	----	35.40	----	39.73	
GMW-5	11/06/23	SGI/Apex	77.61	----	35.36	----	42.25	
GMW-6	11/06/23	SGI/Apex	77.31	----	35.87	----	41.44	
GMW-7	11/07/23	SGI/Apex	76.87	----	35.55	----	41.32	
GMW-8	11/06/23	BT	73.20	----	32.41	----	40.79	
GMW-9	11/06/23	BT	77.16	----	37.84	----	39.32	
GMW-10	11/06/23	BT	73.35	----	33.65	----	39.70	
GMW-12	11/08/23	SGI/Apex	75.21	----	34.53	----	40.68	
GMW-13	11/06/23	BT	74.17	----	33.03	----	41.14	
GMW-14R	11/06/23	BT	75.30	----	35.12	----	40.18	
GMW-15	11/07/23	SGI/Apex	76.21	----	35.17	----	41.04	
GMW-16	11/06/23	SGI/Apex	77.00	----	36.91	----	40.09	
GMW-17R	11/06/23	SGI/Apex	77.79	----	37.05	----	40.74	
GMW-18	11/07/23	SGI/Apex	75.36	----	35.59	----	39.77	
GMW-19	11/06/23	SGI/Apex	76.83	----	35.76	----	41.07	
GMW-20	11/06/23	SGI/Apex	75.10	----	34.15	----	40.95	
GMW-21	11/06/23	SGI/Apex	76.23	----	34.89	----	41.34	
GMW-22	11/06/23	BT	77.24	----	37.42	----	39.82	
GMW-23	11/06/23	BT	74.85	35.19	37.70	2.51	NC	
GMW-24	11/06/23	BT	77.48	----	40.00	----	37.48	
GMW-25	11/06/23	BT	78.14	----	38.41	----	39.73	
GMW-26	11/06/23	BT	74.52	----	35.40	----	39.12	
GMW-28	11/06/23	BT	74.68	----	35.98	----	38.70	
GMW-29	11/06/23	BT	77.57	36.59	36.64	0.05	NC	
GMW-30	11/06/23	BT	74.91	36.88	36.93	0.05	NC	
GMW-31	11/07/23	SGI/Apex	76.50	----	34.81	----	41.69	
GMW-32R	11/08/23	SGI/Apex	76.93	obstruction at 28.62 feet				
GMW-33	11/06/23	SGI/Apex	74.88	obstruction at 15.05 feet				
GMW-35R	11/06/23	SGI/Apex	75.90	----	33.81	----	42.09	
GMW-36	11/06/23	BT	76.66	----	31.00	----	45.66	

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2023 MONITORING EVENT
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Gauged By	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Water (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
GMW-39	11/06/23	BT	74.06	----	31.80	----	42.26	
GMW-40	11/08/23	SGI/Apex	NS	unable to locate well				
GMW-41	11/06/23	SGI/Apex	72.69	----	32.70	----	39.99	
GMW-42	11/06/23	SGI/Apex	75.50	----	35.54	----	39.96	
GMW-43	11/07/23	SGI/Apex	76.07	----	35.52	----	40.55	
GMW-44	11/06/23	SGI/Apex	75.71	----	34.05	----	41.66	
GMW-45	11/06/23	SGI/Apex	75.67	----	32.60	----	43.07	
GMW-47	11/06/23	SGI/Apex	75.98	----	34.87	----	41.11	
GMW-48	11/06/23	SGI/Apex	75.03	----	35.90	----	39.13	
GMW-49	11/07/23	SGI/Apex	74.75	unable to locate well				
GMW-54	11/08/23	SGI/Apex	74.73	unable to locate well				
GMW-56	11/06/23	SGI/Apex	76.52	----	33.60	----	42.92	
GMW-57	11/06/23	SGI/Apex	76.66	----	36.02	----	40.64	
GMW-58	11/06/23	SGI/Apex	75.48	----	34.75	----	40.73	
GMW-59	11/08/23	SGI/Apex	75.28	----	30.55	----	44.73	
GMW-60	11/06/23	SGI/Apex	76.24	----	36.15	----	40.09	
GMW-61	11/06/23	SGI/Apex	75.60	----	34.44	----	41.16	
GMW-62	11/06/23	SGI/Apex	76.34	----	26.64	----	49.70	
GMW-63	11/06/23	SGI/Apex	77.32	----	35.02	----	42.30	
GMW-64	11/06/23	SGI/Apex	75.84	----	33.03	----	42.81	
GMW-65	11/06/23	SGI/Apex	76.78	----	35.11	----	41.67	
GMW-66R	11/06/23	SGI/Apex	79.23	----	38.12	----	41.11	
GMW-67	11/06/23	SGI/Apex	76.00	----	33.19	----	42.81	
GMW-68	11/06/23	SGI/Apex	75.52	----	29.85	----	45.67	
GMW-69	11/06/23	SGI/Apex	75.31	----	33.82	----	41.49	
GMW-O-1	11/06/23	BT	71.45	----	33.48	----	37.97	
GMW-O-2	11/06/23	BT	72.54	----	36.78	----	35.76	
GMW-O-3	11/06/23	BT	72.19	----	36.51	----	35.68	
GMW-O-4	11/06/23	BT	71.95	----	36.51	----	35.44	
GMW-O-5	11/06/23	BT	72.36	----	31.75	----	40.61	
GMW-O-6	11/06/23	BT	71.41	----	32.03	----	39.38	
GMW-O-7	11/06/23	BT	70.98	----	33.72	----	37.26	
GMW-O-8	11/06/23	BT	70.91	----	29.68	----	41.23	
GMW-O-9	11/06/23	BT	73.50	----	37.03	----	36.47	
GMW-O-10	11/06/23	BT	73.98	----	36.40	----	37.58	
GMW-O-11	11/06/23	BT	74.17	----	34.76	----	39.41	
GMW-O-12	11/06/23	BT	73.49	----	35.06	----	38.43	
GMW-O-14	11/06/23	BT	74.08	----	35.74	----	38.34	
GMW-O-16	11/06/23	BT	74.10	----	30.87	----	43.23	
GMW-O-17	11/06/23	BT	73.78	----	30.93	----	42.85	
GMW-O-18	11/06/23	BT	74.32	----	31.53	----	42.79	
GMW-O-19	11/06/23	BT	74.46	----	30.87	----	43.59	
GMW-O-20	11/06/23	BT	73.32	----	34.71	----	38.61	
GMW-O-21	11/06/23	BT	71.43	----	34.91	----	36.52	

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2023 MONITORING EVENT
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Gauged By	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Water (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-24	11/06/23	BT	74.39	----	31.95	----	42.44
GMW-SF-8	11/06/23	BT	74.28	----	32.21	----	42.07
GW-1	11/06/23	SGI/Apex	75.97	----	35.72	----	40.25
GW-2	11/06/23	SGI/Apex	75.78	----	35.35	----	40.43
GW-3	11/06/23	SGI/Apex	75.79	----	35.66	----	40.13
GW-4	11/08/23	SGI/Apex	73.86	----	33.38	----	40.48
GW-5R	11/06/23	SGI/Apex	79.06	----	38.29	----	40.77
GW-6	11/06/23	SGI/Apex	76.38	----	35.90	----	40.48
GW-7	11/06/23	SGI/Apex	75.02	----	34.77	----	40.25
GW-8	11/06/23	SGI/Apex	76.15	----	35.48	----	40.67
GW-13	11/06/23	SGI/Apex	76.85	----	36.40	----	40.45
GW-14R	11/08/23	SGI/Apex	78.77	----	32.35	----	46.42
GW-15	11/06/23	SGI/Apex	74.94	----	34.87	----	40.07
GW-16	11/08/23	SGI/Apex	76.33	----	44.80	----	31.53
GWR-1R	11/06/23	BT	76.64	----	36.53	----	40.11
GWR-3	11/06/23	BT	77.60	----	38.50	----	39.10
HL-2	11/06/23	BT	76.94	----	37.65	----	39.29
HL-3	11/06/23	BT	76.86	----	36.35	----	40.51
MW-6	11/06/23	BT	77.20	----	36.26	----	40.94
MW-7	11/06/23	BT	78.13	----	37.46	----	40.67
MW-8	11/06/23	BT	76.06	----	31.21	----	44.85
MW-9	11/06/23	BT	77.11	----	37.18	----	39.93
MW-12	11/06/23	BT	75.76	----	34.83	----	40.93
MW-13	11/06/23	SGI/Apex	78.25	----	36.97	----	41.28
MW-14	11/06/23	SGI/Apex	78.60	----	38.15	----	40.45
MW-15R	11/06/23	BT	74.85	----	34.71	----	40.14
MW-16	11/06/23	SGI/Apex	76.87	----	35.19	----	41.68
MW-17	11/06/23	SGI/Apex	77.86	----	35.81	----	42.05
MW-18 (MID)	11/06/23	BT	75.67	----	39.88	----	35.79
MW-19 (MID)	11/06/23	BT	78.14	----	40.71	----	37.43
MW-20 (MID)	11/06/23	BT	77.19	----	38.49	----	38.70
MW-21 (MID)	11/06/23	BT	77.55	----	37.01	----	40.54
MW-22 (MID)	11/06/23	SGI/Apex	79.57	----	40.48	----	39.09
MW-24	11/06/23	SGI/Apex	77.66	----	37.10	----	40.56
MW-26	11/06/23	SGI/Apex	77.40	----	36.49	----	40.91
MW-27	11/06/23	SGI/Apex	78.46	----	37.79	----	40.67
MW-28	11/06/23	SGI/Apex	75.90	----	35.88	----	40.02
MW-29	11/08/23	SGI/Apex	79.13	----	37.94	----	41.19
MW-O-2	11/06/23	BT	71.90	----	33.14	----	38.76
MW-SF-1	11/06/23	BT	78.93	----	39.30	----	39.63
MW-SF-2	11/06/23	BT	78.53	----	39.63	----	38.90
MW-SF-3	11/06/23	BT	78.12	----	38.64	----	39.48
MW-SF-4	11/06/23	BT	79.38	----	39.50	----	39.88
MW-SF-5	11/06/23	BT	79.74	----	DRY (38.21)	----	----

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2023 MONITORING EVENT
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Gauged By	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Water (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
MW-SF-6	11/06/23	BT	76.80	----	37.94	----	38.86	
MW-SF-10	11/06/23	BT	76.53	----	DRY (29.33)	----	----	
MW-SF-11	11/06/23	BT	78.56	----	40.08	----	38.48	
MW-SF-12	11/06/23	BT	78.07	----	39.15	----	38.92	
MW-SF-13	11/06/23	BT	73.40	----	33.90	----	39.50	
MW-SF-14	11/06/23	BT	78.16	----	DRY (35.83)	----	----	
MW-SF-15	11/06/23	BT	78.27	----	39.02	----	39.25	
MW-SF-16	11/06/23	BT	78.21	obstruction at 33.14 feet				
PW-1	11/06/23	BT	75.52	----	34.83	----	40.69	
PW-2	11/06/23	BT	74.71	----	35.00	----	39.71	
PW-3	11/06/23	BT	73.71	----	34.92	----	38.79	
PZ-2	11/06/23	BT	73.96	----	35.94	----	38.02	
PZ-3	11/08/23	SGI/Apex	76.17	----	34.84	----	41.33	
PZ-5	11/06/23	BT	73.97	----	31.64	----	42.33	
PZ-10	11/06/23	BT	74.34	obstruction at 27.86 feet				
RTF-18-E	11/07/23	SGI/Apex	74.63	----	32.88	----	41.75	
RTF-18-N	11/07/23	SGI/Apex	75.17	----	31.62	----	43.55	
RTF-18-NNW	11/07/23	SGI/Apex	74.88	----	33.28	----	41.60	
RTF-18-NW	11/07/23	SGI/Apex	74.28	----	31.55	----	42.73	
RTF-18-W	11/07/23	SGI/Apex	74.37	----	31.00	----	43.37	
TF-8	11/06/23	SGI/Apex	74.86	----	34.24	----	40.62	
TF-9R	11/08/23	SGI/Apex	78.00	----	36.25	----	41.75	
TF-13	11/07/23	SGI/Apex	75.47	----	34.05	----	41.42	
TF-15	11/07/23	SGI/Apex	74.78	----	34.10	----	40.68	
TF-16	11/08/23	SGI/Apex	75.89	----	34.37	----	41.52	
TF-17/EP-72	11/08/23	SGI/Apex	77.63	----	36.01	----	41.62	
TF-18	11/07/23	SGI/Apex	74.16	----	31.48	----	42.68	
TF-19	11/08/23	SGI/Apex	75.07	----	32.20	----	42.87	
TF-20R	11/08/23	SGI/Apex	75.26	----	33.40	----	41.86	
TF-21	11/08/23	SGI/Apex	77.91	----	35.78	----	42.13	
TF-23	11/08/23	SGI/Apex	75.31	----	8.74	----	66.57	
TF-24	11/06/23	SGI/Apex	76.43	----	37.18	----	39.25	
TFR-9	11/07/23	SGI/Apex	77.06	----	34.98	----	42.08	
TFR-12	11/07/23	SGI/Apex	76.81	----	35.43	----	41.38	
TFR-14	11/07/23	SGI/Apex	77.34	----	35.55	----	41.79	
TFR-15	11/07/23	SGI/Apex	76.89	----	35.37	----	41.52	
TFR-18	11/07/23	SGI/Apex	75.18	----	33.63	----	41.55	
TFR-22	11/07/23	SGI/Apex	74.65	----	33.38	----	41.27	
TFR-24	11/07/23	SGI/Apex	74.42	----	32.94	----	41.48	
TFR-27	11/07/23	SGI/Apex	74.65	----	33.98	----	40.67	
TFR-29	11/07/23	SGI/Apex	74.69	----	31.68	----	43.01	
TFR-33	11/07/23	SGI/Apex	75.12	----	32.54	----	42.58	
VEW-1	11/06/23	BT	NS	----	DRY (12.40)	----	----	
VEW-2	11/06/23	BT	NS	----	DRY (28.69)	----	----	

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2023 MONITORING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Gauged By	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Water (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
WCW-1	11/06/23	BT	72.86	-----	33.35	-----	39.51	
WCW-2	11/06/23	BT	75.34	-----	34.86	-----	40.48	
WCW-3	11/06/23	BT	76.16	-----	36.32	-----	39.84	
WCW-4	11/06/23	BT	78.05	-----	38.80	-----	39.25	
WCW-5	11/06/23	BT	73.49	-----	32.95	-----	40.54	
WCW-6	11/06/23	BT	75.52	-----	34.63	-----	40.89	
WCW-7	11/06/23	BT	76.44	not gauged; obstruction in well				
WCW-8	11/06/23	BT	77.34	-----	37.53	-----	39.81	
WCW-9	11/06/23	BT	77.74	-----	37.94	-----	39.80	
WCW-10	11/06/23	BT	74.06	-----	33.63	-----	40.43	
WCW-11	11/06/23	BT	75.29	-----	35.82	-----	39.47	
WCW-12	11/06/23	BT	76.27	-----	36.68	-----	39.59	
WCW-13	11/06/23	BT	77.70	-----	38.72	-----	38.98	
WCW-14	11/06/23	BT	78.81	-----	39.74	-----	39.07	

Notes: feet MSL = feet below mean sea level
 feet btc = feet below top of casing
 SGI/Apex = The Source Group, Inc., a wholly owned subsidiary of Apex Companies, LLC
 BT = Blaine Tech Services, Inc.
 ----- = not applicable
 NC = not calculated
 NS = not surveyed

TABLE 3
HISTORICAL AND CURRENT FLOATING PRODUCT SUMMARY
 Defense Fuel Supply Point Norwalk

Well ID	Maximum Product Thickness	Date (Maximum Thickness)	Most Recent Measured Thickness	Date Measured	Percent Reduction
North-Central Area					
EP-73	1.78	16-Apr-18	0.00	7-Nov-23	100
GMW-7	5.68	28-May-96	0.00	7-Nov-23	100
GMW-11	2.00*	7-Aug-01	0.00	2-Oct-17	100
GMW-12	0.66	28-May-96	0.00	8-Nov-23	100
GMW-15	0.45*	28-May-96	0.00	7-Nov-23	100
GMW-17/GMW-17R	5.82	31-Dec-97	0.00	6-Nov-23	100
GMW-18	6.03	1-May-98	0.00	7-Nov-23	100
GMW-20	1.12*	7-Aug-01	0.00	6-Nov-23	100
GMW-21	5.32	28-May-96	0.00	6-Nov-23	100
GMW-34	4.18	20-Nov-96	0.00	1-Oct-10	100
GMW-35/GMW-35R	4.52	28-May-96	0.00	6-Nov-23	100
GMW-41	0.09	15-Apr-14	0.00	6-Nov-23	100
GMW-42	1.47	28-May-96	0.00	6-Nov-23	100
GMW-45	1.42	19-Apr-17	0.00	6-Nov-23	100
GMW-48	2.21	31-Dec-97	0.00	6-Nov-23	100
GMW-50	0.31*	7-May-01	0.00	14-Apr-16	100
GMW-51	2.01*	7-May-01	0.00	12-Apr-12	100
GMW-53	0.01*	8-Apr-10	0.00	12-Apr-12	100
GW-6	0.01*	7-Jul-11	0.00	6-Nov-23	100
GW-7	0.23*	19-Oct-15	0.00	6-Nov-23	100
GW-14/GW-14R	3.47	5-Nov-18	0.00	8-Nov-23	100
MW-11	2.89	28-May-96	0.00	5-Apr-13	100
MW-29	0.25	20-Nov-96	0.00	8-Nov-23	100
PZ-3	6.87	1-May-98	0.00	8-Nov-23	100
RTF-18-E	1.68	27-Sep-17	0.00	7-Nov-23	100
RTF-18-N	2.65	5-Nov-18	0.00	7-Nov-23	100
RTF-18-NNW	2.60	5-Nov-18	0.00	7-Nov-23	100
RTF-18-NW	2.55	5-Nov-18	0.00	7-Nov-23	100
RTF-18-W	2.65	5-Nov-18	0.00	7-Nov-23	100
TF-9/TF-9R	0.04	25-May-99	0.00	8-Nov-23	100
TF-11	0.18	19-Sep-02	0.00	3-Apr-13	100
TF-13	2.92	31-Dec-97	0.00	7-Nov-23	100
TF-14	4.82	31-Dec-97	0.00	3-Apr-13	100
TF-15	3.77	31-Dec-97	0.00	7-Nov-23	100
TF-16	4.10	31-Dec-97	0.00	8-Nov-23	100
TF-17/TF-17R/EP-72	2.96	1-May-06	0.00	8-Nov-23	100
TF-18	2.96	11-Apr-16	0.00	7-Nov-23	100
TF-19	2.26	20-Apr-15	0.00	8-Nov-23	100
TF-20/TF-20R	4.19	1-Dec-06	0.00	8-Nov-23	100
TF-21	0.36	15-May-00	0.00	8-Nov-23	100
TF-22	1.67	1-May-98	0.00	3-Apr-13	100
TF-23	0.39	3-Oct-16	0.00	8-Nov-23	100
TF-24	1.94	25-May-99	0.00	6-Nov-23	100
TF-26	1.10	9-Apr-14	1.10	9-Apr-14	0.0
TFR-9	2.49	16-Apr-18	0.00	7-Nov-23	100
TFR-12	3.55	5-Nov-18	0.00	7-Nov-23	100
TFR-14	0.62	16-Apr-18	0.00	7-Nov-23	100
TFR-15	1.90	5-Nov-18	0.00	7-Nov-23	100
TFR-18	0.91	5-Nov-18	0.00	7-Nov-23	100
TFR-22	5.25	16-Apr-18	0.00	7-Nov-23	100
TFR-24	3.45	5-Nov-18	0.00	7-Nov-23	100
TFR-27	2.82	16-Apr-18	0.00	7-Nov-23	100
TFR-29	7.42	16-Apr-18	0.00	7-Nov-23	100
TFR-33	2.90	5-Nov-18	0.00	7-Nov-23	100

TABLE 3
HISTORICAL AND CURRENT FLOATING PRODUCT SUMMARY
 Defense Fuel Supply Point Norwalk

Well ID	Maximum Product Thickness	Date (Maximum Thickness)	Most Recent Measured Thickness	Date Measured	Percent Reduction
East-Central Area					
GMW-58	2.71	7-May-01	0.00	6-Nov-23	100
GMW-59	2.17	5-May-00	0.00	8-Nov-23	100
GMW-61	0.02*	20-Oct-15	0.00	6-Nov-23	100
GMW-62	5.63	27-Oct-14	0.00	6-Nov-23	100
GMW-68	3.00	3-Oct-16	0.00	6-Nov-23	100
GW-15	6.07	13-Apr-13	0.00	6-Nov-23	100
Truck Rack Area					
GMW-4/GMW-4R	5.74	31-Oct-05	0.00	6-Nov-23	100
MW-9	1.59	28-Aug-07	0.00	6-Nov-23	100
MW-15/MW-15R	1.23	12-Nov-07	0.00	6-Nov-23	100
South-Central Area					
GMW-9	6.67	3-Jul-14	0.00	6-Nov-23	100
GMW-10	7.75	4-Nov-02	0.00	6-Nov-23	100
GMW-22	7.42	1-May-98	0.00	6-Nov-23	100
GMW-23	7.23	31-Oct-22	2.51	6-Nov-23	65.3
GMW-24	6.56	3-Jul-14	0.00	6-Nov-23	100
GMW-25	7.68	1-May-98	0.00	6-Nov-23	100
GMW-27/GMW-27R	0.67*	31-Dec-97	0.00	2-Oct-17	100
GMW-28	0.65	1-May-98	0.00	6-Nov-23	100
GMW-29	3.51	19-Oct-15	0.05	6-Nov-23	98.6
GMW-30	6.11	4-May-99	0.05	6-Nov-23	99.2
GMW-O-11	4.51	3-Nov-14	0.00	6-Nov-23	100
GMW-O-12	11.27	30-Oct-15	0.00	6-Nov-23	100
GMW-O-13	2.44	20-Nov-96	0.00	8-Apr-02	100
GMW-O-14	0.03*	31-Dec-97	0.00	6-Nov-23	100
GMW-O-20	5.03	7-Oct-13	0.00	6-Nov-23	100
GMW-O-21	2.42	2-Jul-15	0.00	6-Nov-23	100
GMW-O-23	4.56	7-Oct-13	0.00	9-May-22	100
GMW-SF-9	1.04	5-Sep-14	0.00	21-Oct-15	100
GWR-3	7.35	24-Jul-15	0.00	6-Nov-23	100
MW-18(MID)	0.61	28-May-96	0.00	6-Nov-23	100
MW-O-1	1.53	14-Aug-07	0.00	4-May-20	100
MW-O-2	5.19	21-May-15	0.00	6-Nov-23	100
MW-O-4	0.05*	4-May-99	0.00	8-Apr-02	100
MW-SF-1	7.17	6-May-14	0.00	6-Nov-23	100
MW-SF-2	16.82	1-Jul-97	0.00	6-Nov-23	100
MW-SF-3	1.53	7-Aug-01	0.00	6-Nov-23	100
MW-SF-4	8.07	19-Nov-99	0.00	6-Nov-23	100
MW-SF-5	0.02	4-Nov-02	0.00	6-Nov-23	100
MW-SF-6	7.94	20-Nov-96	0.00	6-Nov-23	100
MW-SF-9	9.02	20-Apr-15	0.00	11-Apr-16	100
MW-SF-10	0.14	4-Oct-10	0.00	6-Nov-23	100
MW-SF-11	4.03	20-Apr-15	0.00	6-Nov-23	100
MW-SF-12	5.59	5-Sep-14	0.00	6-Nov-23	100
MW-SF-13	5.85	19-Oct-15	0.00	6-Nov-23	100
MW-SF-14	1.25	14-Apr-14	0.00	6-Nov-23	100
MW-SF-15	3.03	19-Oct-15	0.00	6-Nov-23	100
MW-SF-16	0.59	14-Nov-13	0.00	6-Nov-23	100
PZ-2	1.87	9-Aug-99	0.00	6-Nov-23	100
Southeastern Area					
GMW-36	4.50	26-Dec-12	0.00	6-Nov-23	100
GMW-O-15	6.00	28-May-96	0.00	3-May-21	100
GMW-O-18	4.94	13-Dec-16	0.00	6-Nov-23	100

Notes:

Measured product thicknesses are in feet.

* = indicates this was the only recorded incidence of free product.

TABLE 4
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER
SECOND SEMI-ANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
Exposition Aquifer														
EXP-1	SGL/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1.0	<1.0	<1.0
EXP-2	SGL/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	4.2	<10	<2.0	<2.0	<2.0
EXP-2	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1.0	<1.0	<1.0
EXP-3	SGL/Apex	11/06/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	BT	11/06/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
Uppermost Aquifer														
GMW-1	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-3	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	BT	11/08/23	<50	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-5	SGL/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	SGL/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	SGL/Apex	11/15/23	<100	7,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-8	BT	11/10/23	<500	58	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-9	BT	11/10/23	<100	60	<0.50	<0.50	<0.50	<0.50	<1.0	0.88	11	9.4	<1.0	<1.0
GMW-10	BT	11/09/23	<200	1,700	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0
DUP-3 (GMW-10)	BT	11/09/23	<200	1,700	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0
GMW-12	SGL/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	SGL/Apex	11/13/23	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-6 (GMW-15)	SGL/Apex	11/13/23	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	SGL/Apex	11/09/23	<100	720	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	SGL/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	SGL/Apex	11/13/23	<100	600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	SGL/Apex	11/08/23	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	SGL/Apex	11/09/23	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-21)	SGL/Apex	11/09/23	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-25	BT	11/10/23	<200	210	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	3.0	<2.0	<2.0
GMW-26	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<1.0	<1.0	<1.0
GMW-28	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

TABLE 4
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-31	SGL/Apex	11/13/23	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	SGL/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-36	BT	11/07/23	<2,000	1,700	<10	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-39	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-41	SGL/Apex	11/10/23	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (GMW-41)	SGL/Apex	11/10/23	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	SGL/Apex	11/10/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	SGL/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	SGL/Apex	11/08/23	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	SGL/Apex	11/09/23	<100	850	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-47	SGL/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	SGL/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	SGL/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	SGL/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	SGL/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	SGL/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	SGL/Apex	11/07/23	<100	1,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	SGL/Apex	11/07/23	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	SGL/Apex	11/06/23	<100	390	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	SGL/Apex	11/06/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	SGL/Apex	11/06/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	SGL/Apex	11/06/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	SGL/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-66R)	SGL/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	SGL/Apex	11/06/23	120	<100	3.5	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-68	SGL/Apex	11/06/23	330	2,000	1.5	<0.50	1.1	6.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	SGL/Apex	11/06/23	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-69)	SGL/Apex	11/06/23	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	BT	11/10/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	BT	11/10/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

TABLE 4
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-11	BT	11/08/23	<200	560	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-O-12	BT	11/08/23	<2,000	11,000	<10	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-O-14	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-4 (GMW-O-14)	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	BT	11/07/23	<50	60	<0.50	<0.50	<0.50	<0.50	<0.50	20	<10	<1.0	<1.0	<1.0
GMW-O-17	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	BT	11/07/23	2,000	18,000	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-O-19	BT	11/07/23	<50	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	BT	11/08/23	<500	740	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-O-21	BT	11/09/23	<100	170	<0.50	<0.50	<0.50	<0.50	<1.0	2.9	<10	<1.0	<1.0	<1.0
GMW-O-24	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	<10	<1.0	<1.0	<1.0
GMW-SF-8	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GW-2	SGI/Apex	11/09/23	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	SGI/Apex	11/08/23	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	SGI/Apex	11/10/23	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	SGI/Apex	11/10/23	<100	500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13	SGI/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	SGI/Apex	11/15/23	<100	3,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15	SGI/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16	SGI/Apex	11/14/23	<100	430^a	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1R	BT	11/09/23	<100	100	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1.0	<1.0	<1.0
DUP-5 (GWR-1R)	BT	11/09/23	<100	92	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1.0	<1.0	<1.0
HL-3	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-6	BT	11/09/23	<50	55^b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	BT	11/10/23	<200	<50	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-8	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	BT	11/08/22	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (MW-9)	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	BT	11/09/23	<50	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	SGI/Apex	11/07/23	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-15R	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-16	SGI/Apex	11/06/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	SGI/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	BT	11/10/23	<200	200	<1.0	<1.0	<1.0	<1.0	<2.0	2.0	130	39	<2.0	<2.0
MW-19 (MID)	BT	11/10/23	<50	54	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0

TABLE 4
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-20 (MID)	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	8.0	6.6	<10	2.9	<1.0	<1.0
MW-21 (MID)	BT	11/09/23	<50	97	<0.50	<0.50	<0.50	<0.50	1.1	1.5	<10	<1.0	<1.0	<1.0
DUP-6 [MW-21 (MID)]	BT	11/09/23	<50	100	<0.50	<0.50	<0.50	<0.50	1.2	1.3	<10	<1.0	<1.0	<1.0
MW-22 (MID)	SGI/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	0.65	<1.2	<10	<2.0	<2.0	<2.0
MW-24	SGI/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	SGI/Apex	11/08/23	<100	540	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	SGI/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (MW-27)	SGI/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	SGI/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-2	BT	11/09/23	<1,000	3,900	32	<5.0	<5.0	<5.0	<10	5.4	<100	<10	<10	<10
MW-SF-1	BT	11/10/23	<1,000	1,500	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<100	<10	<10	<10
MW-SF-6	BT	11/10/23	<500	2,400	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
MW-SF-12	BT	11/10/23	<50	58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	1.3	<1.0	<1.0
MW-SF-13	BT	11/10/23	<200	240	<1.0	<1.0	<1.0	<1.0	<2.0	1.5	<20	6.8	<2.0	<2.0
MW-SF-15	BT	11/10/23	<200	110	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	22	12	<2.0	<2.0
PW-3	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	BT	11/10/23	<50	58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-7 (PZ-2)	BT	11/10/23	<50	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-3	SGI/Apex	11/15/23	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	BT	11/07/23	<200	110	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1,700	<2.0	<2.0	<2.0
DUP-1 (PZ-5)	BT	11/07/23	<200	100	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1,800	<2.0	<2.0	<2.0
TF-8	SGI/Apex	11/10/23	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	SGI/Apex	11/15/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-13	SGI/Apex	11/14/23	<100	3,400	0.96	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	SGI/Apex	11/14/23	330	2,100	0.69	<0.50	1.1	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	SGI/Apex	11/14/23	310	6,700	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-17R	SGI/Apex	11/14/23	200	460	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-18	SGI/Apex	11/14/23	<100	1,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-7 (TF-18)	SGI/Apex	11/14/23	<100	980	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	SGI/Apex	11/13/23	<100	2,800	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	31	<2.0	<2.0	<2.0
TF-21	SGI/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	SGI/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	SGI/Apex	11/13/23	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

TABLE 4
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-2	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	0.75	<0.50	<10	<1.0	<1.0	<1.0

Notes:

Detected concentrations are shown in **bold**.

TPH = total petroleum hydrocarbons

BTEX Compounds = benzene, toluene, ethylbenzene, and total xylenes

1,2-DCA = 1,2-dichloroethane

TPHg = total petroleum hydrocarbons as gasoline

TPHd = total petroleum hydrocarbons as diesel

MTBE = methyl tertiary-butyl ether

TBA = tertiary-butyl alcohol

a = Sample does not display a fuel pattern. Sample contains several discrete peaks.

b = Concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the diesel range; Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

DIPE = diisopropyl ether

ETBE = ethyl tertiary-butyl ether

TAME = tertiary-amyl methyl ether

µg/L = micrograms per liter

SGI/Apex = The Source Group, Inc., a wholly owned subsidiary of Apex Companies, LLC

<100 = not detected at or above the indicated laboratory reporting limit

BT = Blaine Tech Services, Inc.

"DUP" indicates laboratory-blind duplicate samples.

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Isopropylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
Exposition Aquifer													
EXP-1	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
EXP-1	BT	11/09/23	22	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
EXP-2	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
EXP-2	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
EXP-3	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
EXP-3	BT	11/06/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
EXP-4	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
EXP-5	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
Uppermost Aquifer													
GMW-1	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-3	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-4R	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-5	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-6	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-7	SGI/Apex	11/15/23	<50	<0.50	<0.50	<0.50	<0.50	2.2	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-8	BT	11/10/23	<100	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<20	<5.0	<5.0	<5.0
GMW-9	BT	11/10/23	<20	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-10	BT	11/09/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-10)	BT	11/09/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
GMW-12	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	0.92	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-13	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-14R	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-15	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-6 (GMW-15)	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	0.52	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-16	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-17R	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	0.69	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-18	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	0.58	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-19	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	1.9	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-21	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-4 (GMW-21)	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-25	BT	11/10/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
GMW-26	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-28	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMI-ANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Isopropylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
GMW-31	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	1.9	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-35R	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-36	BT	11/07/23	<400	<20	<20	<20	<100	<20	<20	<80	<20	<20	<20
GMW-39	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-41	SGI/Apex	11/10/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-5 (GMW-41)	SGI/Apex	11/10/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-42	SGI/Apex	11/10/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-43	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-44	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-45	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-47	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-48	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-56	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-57	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-58	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-59	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-60	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-61	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	1.3	<0.50
GMW-62	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	0.57	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-63	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-64	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-65	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	0.52	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-66R	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-2 (GMW-66R)	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	0.65	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-67	SGI/Apex	11/06/23	<50	0.68	0.86	<0.50	<0.50	8.9	<1.0	<2.0	7.3	1.6	<0.50
GMW-68	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	0.61	<0.50	<1.0	<2.0	<0.50	2.3	0.54
GMW-69	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-1 (GMW-69)	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GMW-O-1	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-2	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-3	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-4	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-5	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-9	BT	11/10/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-10	BT	11/10/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Isopropylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
GMW-O-11	BT	11/08/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
GMW-O-12	BT	11/08/23	<400	<20	<20	<20	<100	<20	<20	<80	<20	<20	<20
GMW-O-14	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
DUP-4 (GMW-O-14)	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-16	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-17	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-18	BT	11/07/23	<40	2.7	5.8	<2.0	<10	2.6	4.3	<10	5.9	3.9	3.6
GMW-O-19	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-20	BT	11/08/23	<100	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<20	<5.0	<5.0	<5.0
GMW-O-21	BT	11/09/23	<20	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-O-24	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GMW-SF-8	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
GW-2	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-3	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-6	SGI/Apex	11/10/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-8	SGI/Apex	11/10/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-13	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	1.6	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-14R	SGI/Apex	11/15/23	<50	<0.50	<0.50	<0.50	3.1	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-15	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GW-16	SGI/Apex	11/14/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
GWR-1R	BT	11/09/23	<20	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
DUP-5 (GWR-1R)	BT	11/09/23	<20	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0
HL-3	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-6	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-7	BT	11/10/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
MW-8	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-9	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
DUP-2 (MW-9)	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-12	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-13	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	0.69	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-15R	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-16	SGI/Apex	11/06/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-17	SGI/Apex	11/07/23	<50	<0.50	<0.50	<0.50	0.92	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-18 (MID)	BT	11/10/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
MW-19 (MID)	BT	11/10/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0

TABLE 5
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SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Isopropylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
MW-20 (MID)	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-21 (MID)	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
DUP-6 [MW-21 (MID)]	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-22 (MID)	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-24	SGI/Apex	11/09/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-26	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	0.73	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-27	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-3 (MW-27)	SGI/Apex	11/08/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-29	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
MW-O-2	BT	11/09/23	<200	<10	<10	<10	<50	<10	<10	<40	<10	<10	<10
MW-SF-1	BT	11/10/23	<200	<10	<10	<10	<50	<10	<10	<40	<10	<10	<10
MW-SF-6	BT	11/10/23	<100	<5.0	<5.0	<5.0	<25	<5.0	<5.0	<20	<5.0	<5.0	<5.0
MW-SF-12	BT	11/10/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
MW-SF-13	BT	11/10/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
MW-SF-15	BT	11/10/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
PW-3	BT	11/09/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
PZ-2	BT	11/10/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
DUP-7 (PZ-2)	BT	11/10/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
PZ-3	SGI/Apex	11/15/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
PZ-5	BT	11/07/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
DUP-1 (PZ-5)	BT	11/07/23	<40	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<10	<2.0	<2.0	<2.0
TF-8	SGI/Apex	11/10/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
TF-9R	SGI/Apex	11/15/23	<50	<0.50	<0.50	<0.50	0.54	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
TF-13	SGI/Apex	11/14/23	<50	<0.50	<0.50	<0.50	1.2	0.53	<1.0	<2.0	<0.50	<0.50	<0.50
TF-15	SGI/Apex	11/14/23	<50	<0.50	2.9	0.83	<0.50	20	<1.0	7.5	6.4	0.78	<0.50
TF-16	SGI/Apex	11/14/23	<50	<0.50	1.8	0.90	1.2	5.3	<1.0	3.6	4.4	<0.50	<0.50
TF-17R	SGI/Apex	11/14/23	<50	0.90	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	1.3	14
TF-18	SGI/Apex	11/14/23	<50	<0.50	<0.50	<0.50	0.52	0.76	<1.0	<2.0	<0.50	<0.50	<0.50
DUP-7 (TF-18)	SGI/Apex	11/14/23	<50	<0.50	<0.50	0.57	0.59	1.8	<1.0	<2.0	0.62	<0.50	<0.50
TF-20R	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
TF-21	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
TF-23	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
TF-24	SGI/Apex	11/13/23	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50
WCW-2	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-3	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Isopropylbenzene (µg/L)	4-Isopropyltoluene (µg/L)	Naphthalene (µg/L)	n-Propylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
WCW-4	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-5	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-6	BT	11/08/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-8	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-12	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-13	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0
WCW-14	BT	11/07/23	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<10	<1.0	<1.0	<1.0

Notes: Detected concentrations are shown in **bold**.
 µg/L = micrograms per liter
 SGI = The Source Group, Inc., a wholly owned subsidiary of Apex Companies, LLC
 BT = Blaine Tech Services, Inc.
 <10 = not detected at or above the indicated laboratory reporting limit
 "DUP" indicates a laboratory-blind duplicate sample.

TABLE 6
ANALYTICAL RESULTS FOR ANALYTES DETECTED IN FIELD DUPLICATE AND SPLIT SAMPLES
SECOND SEMIANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-Dichloroethane (µg/L)	Methyl tertiary-Butyl Ether (µg/L)	tertiary-Butyl Alcohol (µg/L)	Ethyl tertiary-Butyl Ether (µg/L)	Acetone (µg/L)	Carbon Disulfide (µg/L)	tert-Butylbenzene (µg/L)	Isopropylbenzene (µg/L)	n-Propylbenzene (µg/L)	1,2,4-Trimethylbenzene (µg/L)	1,3,5-Trimethylbenzene (µg/L)
Exposition Aquifer																			
EXP-1	SGI/Apex	11/9/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
EXP-1	BT	11/9/2023	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1.0	22	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
EXP-2	SGI/Apex	11/8/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	4.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
EXP-2	BT	11/8/2023	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
EXP-3	SGI/Apex	11/6/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
EXP-3	BT	11/6/2023	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
Uppermost Aquifer																			
GMW-10	BT	11/9/2023	<200	1,700	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<40	<10	<2.0	<2.0	<2.0	<2.0	<2.0
DUP-3 (GMW-10)	BT	11/9/2023	<200	1,700	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<40	<10	<2.0	<2.0	<2.0	<2.0	<2.0
GMW-15	SGI/Apex	11/13/2023	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-6 (GMW-15)	SGI/Apex	11/13/2023	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	0.52	<0.50	<0.50	<0.50	<0.50	<0.50
GMW-21	SGI/Apex	11/9/2023	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-4 (GMW-21)	SGI/Apex	11/9/2023	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	11	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
GMW-41	SGI/Apex	11/10/2023	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-5 (GMW-41)	SGI/Apex	11/10/2023	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
GMW-66R	SGI/Apex	11/7/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-2 (GMW-66R)	SGI/Apex	11/7/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	0.65	<0.50	<0.50	<0.50	<0.50	<0.50
GMW-69	SGI/Apex	11/6/2023	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-1 (GMW-69)	SGI/Apex	11/6/2023	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
GMW-O-14	BT	11/9/2023	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-4 (GMW-O-14)	BT	11/9/2023	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
GWR-1R	BT	11/9/2023	<100	100	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-5 (GWR-1R)	BT	11/9/2023	<100	92	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
MW-9	BT	11/8/2023	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-2 (MW-9)	BT	11/8/2023	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
MW-21 (MID)	BT	11/9/2023	<50	97	<0.50	<0.50	<0.50	<0.50	1.1	1.5	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-6 [MW-21 (MID)]	BT	11/9/2023	<50	100	<0.50	<0.50	<0.50	<0.50	1.2	1.3	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
MW-27	SGI/Apex	11/8/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
DUP-3 (MW-27)	SGI/Apex	11/8/2023	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
PZ-2	BT	11/10/2023	<50	58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
DUP-7 (PZ-2)	BT	11/10/2023	<50	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0
PZ-5	BT	11/7/2023	<200	110	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1,700	<2.0	<40	<10	<2.0	<2.0	<2.0	<2.0	<2.0
DUP-1 (PZ-5)	BT	11/7/2023	<200	100	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1,800	<2.0	<40	<10	<2.0	<2.0	<2.0	<2.0	<2.0
TF-18	SGI/Apex	11/14/2023	<100	1,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	0.52	<0.50	0.76	<0.50	<0.50	<0.50
DUP-7 (TF-18)	SGI/Apex	11/14/2023	<100	980	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<50	0.59	0.57	1.8	0.62	<0.50	<0.50

Notes: Detected concentrations are shown in **bold**.
 TPHg = total petroleum hydrocarbons as gasoline
 TPHd = total petroleum hydrocarbons as diesel
 µg/L = micrograms per liter
 SGI/Apex = The Source Group, Inc., a wholly owned subsidiary of Apex Companies, LLC
 <100 = not detected at or above the indicated laboratory reporting limit
 BT = Blaine Tech Services, Inc.
 "DUP" indicates laboratory-blind duplicate samples.

TABLE 7
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, AND SELECTED VOCs IN TRIP BLANKS AND EQUIPMENT BLANKS
SECOND SEMI-ANNUAL 2023 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Sample ID	Sampled By	Sample Date	TPHg (µg/L)	TPHd (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	1,2-Dichloroethane (µg/L)	Methyl tertiary-Butyl Ether (µg/L)	Carbon Disulfide (µg/L)	tertiary-Butyl Alcohol (µg/L)
QCTB-1	SGI/Apex	11/06/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/06/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCTB-1	SGI/Apex	11/07/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/07/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	2.3	<10
TB-1	BT	11/07/23	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
EB-1	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
EB-2	BT	11/07/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
TB-2	BT	11/08/23	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
QCTB-1	SGI/Apex	11/08/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/08/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
EB-3	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
EB-4	BT	11/08/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
TB-3	BT	11/09/23	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
QCTB-1	SGI/Apex	11/09/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/09/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
EB-5	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
EB-6	BT	11/09/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
QCTB-1	SGI/Apex	11/10/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/10/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
TB-4	BT	11/10/23	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
EB-7	BT	11/10/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
EB-8	BT	11/10/23	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<2.5	<10
QCTB-1	SGI/Apex	11/13/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/13/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCTB-1	SGI/Apex	11/14/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/14/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCTB-1	SGI/Apex	11/15/23	<100	----	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10
QCEB-1	SGI/Apex	11/15/23	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<0.50	<10

Notes: Detected concentrations are shown in **bold**.

TPH = total petroleum hydrocarbons
 BTEX Compounds = benzene, toluene, ethylbenzene, and total xylenes
 VOCs = volatile organic compounds
 TPHg = total petroleum hydrocarbons as gasoline
 TPHd = total petroleum hydrocarbons as diesel

µg/L = micrograms per liter

SGI/Apex = The Source Group, Inc., a wholly owned subsidiary of Apex Companies, LLC

---- - not analyzed

<100 = not detected at or above the indicated laboratory reporting limit

BT = Blaine Tech Services, Inc.

a = concentration includes additional compounds uncharacteristic of common fuels and lubricants

APPENDIX A
FIELD DOCUMENTATION (CD ROM ONLY)

SGI/APEX FIELD DOCUMENTATION

MONITORING WELL GAUGING DATA
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date Measured	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Notes
EP-73	11-7-23	-	35.57	-	under vacuum
EXP-1	11-8-23	-	59.19	-	
EXP-2	11-6-23	-	60.11	-	
EXP-3	11-6-23	-	54.98	-	
GMW-5	11-6-23	-	35.36	-	
GMW-6	11-6-23	-	35.87	-	
GMW-7	11-7-23	-	35.55	-	sock in well
GMW-12	11-8-23	-	34.53	-	
GMW-15	11-7-23	-	35.17	-	
GMW-16	11-6-23	-	36.91	-	
GMW-17R	11-6-23	-	37.05	-	
GMW-18	11-7-23	-	35.59	-	under vacuum
GMW-19	11-6-23	-	35.76	-	
GMW-20	11-6-23	-	34.15	-	
GMW-21	11-6-23	-	34.89	-	
GMW-31	11-7-23	-	34.81	-	
GMW-32R	11-8-23	-	DRY	-	TD=28.62
GMW-33	11-6-23	-	DRY	-	TD=15.05
GMW-35R	11-6-23	-	33.81	-	
GMW-40	11-8-23	-	-	-	couldn't locate
GMW-41	11-6-23	-	32.70	-	
GMW-42	11-6-23	-	35.54	-	
GMW-43	11-7-23	-	35.52	-	
GMW-44	11-6-23	-	34.05	-	
GMW-45	11-6-23	-	32.60	-	
GMW-47	11-6-23	-	34.87	-	
GMW-48	11-6-23	-	35.90	-	

MONITORING WELL GAUGING DATA
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date Measured	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Notes
GMW-49	11-7-23	-	31.48	-	same as TP-18?
GMW-54	11-8-23	-	-	-	can't locate
GMW-56	11-6-23	-	33.60	-	
GMW-57	11-6-23	-	36.02	-	
GMW-58	11-6-23	-	34.75	-	
GMW-59	11-8-23	-	30.55	-	
GMW-60	11-6-23	-	36.15	-	
GMW-61	11-6-23	-	34.44	-	
GMW-62	11-6-23	-	26.64	-	sock in well
GMW-63	11-6-23	-	35.02	-	
GMW-64	11-6-23	-	33.03	-	
GMW-65	11-6-23	-	35.11	-	
GMW-66R	11-6-23	-	38.12	-	
GMW-67	11-6-23	-	33.14	-	
GMW-68	11-6-23	-	29.85	-	
GMW-69	11-6-23	-	33.82	-	so
GW-1	11-6-23	-	35.72	-	
GW-2	11-6-23	-	35.35	-	
GW-3	11-6-23	-	35.66	-	
GW-4	11-8-23	-	33.38	-	
GW-5R	11-6-23	-	38.29	-	
GW-6	11-6-23	-	35.90	-	
GW-7	11-6-23	-	34.77	-	
GW-8	11-6-23	-	35.48	-	
GW-13	11-6-23	-	36.40	-	
GW-14R	11-8-23	-	44.80	-	OTW = 32.35

MONITORING WELL GAUGING DATA
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date Measured	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Notes
GW-15	11-6-23	-	34.87	-	
GW-16	11-8-23	-	44.80	-	pump in well
MW-13	11-6-23	-	36.97	-	
MW-14	11-6-23	-	38.15	-	
MW-16	11-6-23	-	35.19	-	
MW-17	11-6-23	-	35.81	-	
MW-22-MID	11-6-23	-	40.48	-	
MW-24	11-6-23	-	37.10	-	
MW-26	11-6-23	-	36.49	-	
MW-27	11-6-23	-	37.79	-	
MW-28	11-6-23	-	35.83	-	
MW-29	11-8-23	-	37.94	-	
PZ-3	11-8-23	-	34.84	-	
RTF-18-E	11-7-23	-	32.88	-	under vacuum
RTF-18-N	11-7-23	-	31.62	-	under vacuum
RTF-18-NNW	11-7-23	-	33.28	-	under vacuum
RTF-18-NW	11-7-23	-	31.55	-	under vacuum
RTF-18-W	11-7-23	-	31.00	-	under vacuum
TF-8	11-6-23	-	34.24	-	
TF-9R	11-8-23	-	36.25	-	
TF-13	11-7-23	-	34.05	-	
TF-15	11-7-23	-	34.10	-	under vacuum
TF-16	11-8-23	-	34.37	-	
TF-17R	11-8-23	-	36.01	-	under vacuum
TF-18	11-7-23	-	31.48	-	under vacuum
TF-19	11-8-23	-	32.20	-	under vacuum
TF-20R	11-8-23	-	33.40	-	under vacuum

MONITORING WELL GAUGING DATA
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date Measured	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Notes
TF-21	11-8-23	-	35.78	-	
TF-23	11-8-23	-	8.74	-	receiving water
TF-24	11-6-23	-	37.18	-	
TFR-9	11-7-23	-	34.98	-	under vacuum
TFR-12	11-7-23	-	35.43	-	under vacuum
TFR-14	11-7-23	-	35.55	-	under vacuum
TFR-15	11-7-23	-	35.37	-	under vacuum
TFR-18	11-7-23	-	33.63	-	under vacuum
TFR-22	11-7-23	-	33.38	-	under vacuum. sock in well
TFR-24	11-7-23	-	32.94	-	under vacuum sock in well
TFR-27	11-7-23	-	33.98	-	
TFR-29	11-7-23	-	31.68	-	under vacuum. sock in well
TFR-33	11-7-23	-	32.54	-	under vacuum

Notes: Sample wells in **BOLD** text if no floating product is measured or observed.
Do not sample shaded wells (gauge only).
Wells in **RED** contained floating product in May 2023.
feet btc = feet below top of well casing

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Monument	Flush Mount	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? (Y/N)	Well Secured With Water-Tight Cap and Lock? (Y/N)	Well Vault Dry and Free of Debris? (Y/N)	Comments, Corrective Actions Completed in the Field, Corrective Actions Recommended
EP-73	11-7-23	X		Y	Y	Y	Y	Y	Y	
EXP-1	11-8-23	X		Y	Y	Y	Y	Y	Y	
EXP-2	11-6-23	X		Y	Y	Y	Y	N	Y	no lock
EXP-3	11-6-23		X	Y	Y	Y	Y	N	Y	no lock or bolts
GMW-5	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-6	11-6-23		X	Y	Y	Y	YN	N	Y	no lock, broken eyelet
GMW-7	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-12	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-15	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-16	11-6-23		X	Y	Y	Y	N	N	Y	broken well lid. no lock. no bolts
GMW-17R	11-6-23	X		Y	Y	Y	Y	Y	Y	
GMW-18	11-7-23		X	Y	Y	Y	Y	N	Y	no lock. under vacuum
GMW-19	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-20	11-6-23		X	Y	Y	Y	Y	N	Y	no lock, no bolts
GMW-21	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-31	11-7-23		X	Y	Y	Y	Y	N	Y	no lock. pump in well
GMW-32R	11-8-23	X		Y	Y	Y	Y	Y	Y	
GMW-33	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-35R	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-40	11-8-23	-	-	-	-	-	-	-	-	can't locate
GMW-41	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-42	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-43	11-7-23		X	Y	N	Y	Y	N	Y	no lock. removed grassy area. out cone
GMW-44	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. no bolts
GMW-45	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-47	11-6-23		X	Y	Y	Y	Y	N	Y	no lock no bolts
GMW-48	11-6-23	X		Y	Y	Y	Y	Y	Y	
GMW-54	11-8-23	-	-	-	-	-	-	-	-	can't locate

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Monument	Flush Mount	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? (Y/N)	Well Secured With Water-Tight Cap and Lock? (Y/N)	Well Vault Dry and Free of Debris? (Y/N)	Comments, Corrective Actions Completed in the Field, Corrective Actions Recommended
GMW-56	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. 1 15/16 bolt
GMW-57	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. 1 15/16 bolt
GMW-58	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-59	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-60	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. 1 bolt. Not 15/16 or 9/16
GMW-61	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GMW-62	11-6-23		X	Y	Y	Y	Y	Y	Y	sock in well - DS
GMW-63	11-6-23		Y	Y	Y	Y	Y	Y	Y	
GMW-64	11-6-23		X	Y	Y	Y	Y	Y	Y	
GMW-65	11-6-23		Y	Y	Y	Y	Y	Y	Y	
GMW-66R	11-6-23	X		Y	Y	Y	Y	Y	Y	
GMW-67	11-6-23		X	Y	Y	Y	Y	Y	Y	
GMW-68	11-6-23		X	Y	Y	Y	Y	Y	Y	sock in well - DS
GMW-69	11-6-23		X	Y	Y	Y	Y	Y	Y	
GW-1	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GW-2	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GW-3	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GW-4	11-8-23		X	Y	Y	Y	Y	N	Y	no lock. pump in well
GW-5R	11-6-23	X		Y	Y	Y	Y	N	Y	no lock
GW-6	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GW-7	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. pump in well
GW-8	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GW-13	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
GW-14R	11-8-23		X	Y	Y	Y	Y	N	Y	no lock. pump in well
GW-15	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. pump in well
GW-16	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
MW-13	11-6-23	X		Y	Y	Y	Y	Y	Y	
MW-14	11-6-23		X	Y	Y	Y	Y	Y	Y	

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Monument	Flush Mount	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? (Y/N)	Well Secured With Water-Tight Cap and Lock? (Y/N)	Well Vault Dry and Free of Debris? (Y/N)	Comments, Corrective Actions Completed in the Field, Corrective Actions Recommended
MW-16	11-6-23	X		Y	Y	Y	Y	Y	Y	
MW-17	11-6-23	X		Y	Y	Y	Y	N	Y	no lock
MW-22-MID	11-6-23	X		Y	Y	Y	Y	N	Y	no lock
MW-24	11-6-23	X		Y	Y	Y	Y	Y	Y	
MW-26	11-6-23	X		Y	Y	Y	Y	Y	Y	
MW-27	11-6-23	X		Y	Y	Y	Y	Y	Y	
MW-28	11-6-23		X	Y	Y	Y	N	N	Y	broken well lid, no lock. no bdf
MW-29	11-8-23	X		Y	Y	Y	Y	Y	Y	
PZ-3	11-8-23		X	Y	N	Y	Y	N	Y	no lock. cleared brush
RTF-18-E	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-N	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-NNW	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-NW	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-W	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TF-8	11-6-23		X	Y	Y	Y	Y	N	Y	no lock. pump in well
TF-9R	11-8-23	X		Y	Y	Y	Y	Y	Y	
TF-13	11-7-23		X	Y	Y	Y	Y	N	Y	no lock. Pump in well
TF-15	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TF-16	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
TF-17R	11-8-23	X		Y	Y	Y	Y	Y	Y	
TF-18	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TF-19	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
TF-20R	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
TF-21	11-8-23	X		Y	Y	Y	Y	Y	Y	
TF-23	11-8-23		X	Y	Y	Y	Y	N	Y	no lock
TF-24	11-6-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-9	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-12	11-7-23		X	Y	Y	Y	Y	N	Y	no lock

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well ID	Date	Monument	Flush Mount	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? (Y/N)	Well Secured With Water-Tight Cap and Lock? (Y/N)	Well Vault Dry and Free of Debris? (Y/N)	Comments, Corrective Actions Completed in the Field, Corrective Actions Recommended
TFR-14	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-15	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-18	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-22	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-24	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-27	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-29	11-7-23		X	Y	Y	Y	Y	N	Y	no lock
TFR-33	11-7-23		X	Y	Y	Y	Y	N	Y	no lock

INSTRUMENT CALIBRATION LOG
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Instrument	ID Number	Date/Time of Test	Standards Used	Instrument Reading	Calibration to: or Within 10%:	Temperature	Initials
YSI-DSS	21K100680	11-6-23	4.0 ph	4.01 ph	Y	22.8	DL
"	"	"	7.0 ph	7.00 ph	Y	22.8	DL
"	"	"	10.0 ph	10.03 ph	Y	22.8	DL
"	"	"	1413 $\frac{MS}{cm}$	1415 $\frac{MS}{cm}$	Y	22.8	DL
YSI-DSS	21K100680	11-7-23	4.0 ph	4.03 ph	Y	22.9	DL
"	"	"	7.0 ph	7.02 ph	Y	22.9	DL
"	"	"	10.0 ph	10.06 ph	Y	22.9	DL
"	"	"	1413 $\frac{MS}{cm}$	1416 $\frac{MS}{cm}$	Y	22.9	DL
YSI-DSS	21K100680	11-8-23	4.0 ph	4.06 ph	Y	22.8	DL
"	"	"	7.0 ph	7.04 ph	Y	22.8	DL
"	"	"	10.0 ph	10.09 ph	Y	22.8	DL
"	"	"	1413 $\frac{MS}{cm}$	1418 $\frac{MS}{cm}$	Y	22.8	DL
YSI-DSS	21K ¹⁰⁰ 680	11-9-23	4.0	4.05 ph	Y	23.0	DL
"	"	"	7.0	7.05 ph	Y	23.0	DL
"	"	"	10.0	10.11 → 9.98	N-4	23.0	DL
"	"	"	1413 $\frac{MS}{cm}$	1421 $\frac{MS}{cm}$		23.0	DL

INSTRUMENT CALIBRATION LOG
Second Semiannual 2023 Monitoring Event
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Instrument	ID Number	Date/Time of Test	Standards Used	Instrument Reading	Calibration to: or Within 10%:	Temperature	Initials
YSI-DSS	20K100680	11-10-23	4.0 pH	4.07 pH	Y	22.9	DL
"	"	"	7.0 pH	7.05 pH	Y	22.9	DL
"	"	"	10.0 pH	9.99 pH	Y	22.9	DL
"	"	"	1413 $\frac{mS}{cm}$	1419 $\frac{mS}{cm}$	Y	22.9	DL
YSI-DSS	21K100680	11-13-23	4.0 pH	4.07 pH	Y	23.0	DL
"	"	"	7.0 pH	7.06 pH	Y	23.0	DL
"	"	"	10.0 pH	10.01 pH	Y	23.0	DL
"	"	"	1413 $\frac{mS}{cm}$	1422 $\frac{mS}{cm}$	Y	23.0	DL
YSI-DSS	21K100680	11-14-23	4.0 pH	4.06 pH	Y	23.0	DL
"	"	"	7.0 pH	7.08 pH	Y	23.0	DL
"	"	"	10.0 pH	10.03 pH	Y	23.0	DL
"	"	"	1413 $\frac{mS}{cm}$	1420 $\frac{mS}{cm}$	Y	23.0	DL
YSI-DSS	21K100680	11-15-23	4.0	4.07 pH	Y	22.9	DL
"	"	"	7.0	7.10 → 6.99	N → Y	22.9	DL
"	"	"	10.0	10.04 pH	Y	22.9	DL
"	"	"	1413 $\frac{mS}{cm}$	1423 $\frac{mS}{cm}$	Y	22.9	DL

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: EXP-1

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{128.50}{\text{TD}} - \frac{59.19}{\text{DTW}} = \frac{69.31}{\text{Water Column}}$$

$$\frac{122.00}{\text{Bottom of Screen}} - \frac{82.00}{\text{Top of Screen}} = \frac{40.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{59.19}{\text{DTW}} + \frac{1}{2} \left(\frac{34.66}{\text{Water Column}} \right) = \frac{93.85}{\text{Pump Intake Depth}}$$

$$\frac{82.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{102.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 108 End (24 Hour) 130
Date Sampled: 11-9-23 Start (24 Hour) 130 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
110	.25	59.26	7.36	1078	-57.7	23.1	0.06	cler	3.56
115	.25	59.34	7.36	1078	-56.6	23.2	0.06	"	3.51
120	1.25	59.37	7.35	1077	-56.5	23.2	0.06	"	3.96
125	2.25	59.40	7.35	1078	-58.4	23.2	0.06	"	3.79
130	2.25	59.48	7.35	1077	-56.2	23.3	0.05	"	3.86

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: Split Sample w/ Blainetech.

Completed By (Print Name): DAVID Lubban

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: EXP-2

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-8-23

$$\frac{149.00}{TD} - \frac{60.11}{DTW} = \frac{88.89}{Water\ Column}$$

$$\frac{120.00}{Bottom\ of\ Screen} - \frac{90.00}{Top\ of\ Screen} = \frac{30.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{60.11}{DTW} + \frac{1}{2} \left(\frac{114.45}{Water\ Column} \right) = \frac{104.56}{Pump\ Intake\ Depth}$$

$$\frac{90.00}{Top\ of\ Screen\ Depth} + \frac{1}{2} \left(\frac{15.00}{Screen\ Length} \right) = \frac{105.00}{Pump\ Intake\ Depth}$$

Date Purged: 11-8-23 Start (24 Hour) 1228 End (24 Hour) 1250
Date Sampled: 11-8-23 Start (24 Hour) 1250 End (24 Hour)

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1230	.25	60.20	7.29	2082	56.6	24.7	4.81	clr	50.19
1235	.75	60.26	7.31	1111	30.2	22.4	0.29	"	9.32
1240	1.25	60.30	7.29	1117	17.3	22.4	0.20	"	6.31
1245	1.75	60.32	7.28	1119	14.4	22.4	0.15	"	6.06
1250	2.25	60.33	7.29	1120	14.1	22.4	0.12	"	6.01
					19.8	22.4	0.11		

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: EXP-3

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-6-23

$$\frac{150.00}{\text{TD}} - \frac{54.98}{\text{DTW}} = \frac{95.02}{\text{Water Column}}$$

$$\frac{115.00}{\text{Bottom of Screen}} - \frac{85.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{54.98}{\text{DTW}} + 1/2 \left(\frac{47.51}{\text{Water Column}} \right) = \frac{102.49}{\text{Pump Intake Depth}}$$

$$\frac{85.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{100.0}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23

Start (24 Hour): 12:18

End (24 Hour): 12:40

Date Sampled: 11-6-23

Start (24 Hour): 12:40

End (24 Hour): —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
12 ²⁰	1.25	55.12	7.48	907	-48.4	22.7	0.61	clear	2.91
12 ²⁵	2.25	55.20	7.44	906	-42.0	23.2	0.22	"	4.22
12 ³⁰	1.25	55.22	7.45	904	-32.0	23.2	0.08	"	6.21
12 ³⁵	1.75	55.21	7.44	903	-28.1	23.2	0.08	"	6.35
12 ⁴⁰	2.25	55.20	7.43	903	-27.2	23.2	0.07	"	7.19

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks:

Completed By (Print Name): DAVID WILKINSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-5

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{50.00}{\text{TD}} - \frac{35.36}{\text{DTW}} = \frac{14.64}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.36}{\text{DTW}} + \frac{1}{2} \left(\frac{7.32}{\text{Water Column}} \right) = \frac{42.68}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 10¹³ End (24 Hour) 10³⁵

Date Sampled: 11-9-23 Start (24 Hour) 10³⁵ End (24 Hour) ————

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBITY (visual or NTU)
10 ¹⁵	.25	35.45	6.86	2110	57.4	22.7	0.55	clear	2.81
10 ²⁰	.75	35.53	6.83	2109	56.0	23.0	0.22	"	2.79
10 ²⁵	1.25	35.56	6.81	2109	55.2	23.1	0.13	"	2.67
10 ³⁰	1.75	35.58	6.80	2107	54.5	23.3	0.11	"	2.59
10 ³⁵	2.25	35.59	6.78	2106	54.2	23.4	0.10	"	2.63

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailor
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailor
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-6

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{50.00}{\text{TD}} - \frac{35.87}{\text{DTW}} = \frac{14.13}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.87}{\text{DTW}} + 1/2 \left(\frac{7.07}{\text{Water Column}} \right) = \frac{42.94}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 128 End (24 Hour) 180
Date Sampled: 11-7-23 Start (24 Hour) 150 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
130	.25	35.99	7.20	1807	81.1	23.9	3.22	clear	12.15
135	.25	36.10	7.17	1804	83.2	23.9	1.29	"	11.69
140	1.25	36.08	7.18	1800	85.1	24.0	0.41	"	11.01
145	1.25	36.10	7.17	1798	86.2	24.0	0.26	"	9.89
150	2.25	36.11	7.15	1795	86.7	24.0	0.22	"	10.13

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID Lubken

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-7

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-15-23

$$\frac{50.00}{\text{TD}} - \frac{35.55}{\text{DTW}} = \frac{14.45}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.55}{\text{DTW}} + \frac{1}{2} \left(\frac{7.23}{\text{Water Column}} \right) = \frac{42.78}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-15-23 Start (24 Hour) 7:53 End (24 Hour) 8:15

Date Sampled: 11-15-23 Start (24 Hour) 8:15 End (24 Hour) _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
7:55	.25	35.68	7.03	641	-92.6	24.1	1.58	clear	21.98
8:00	.25	35.74	7.03	641	-95.7	24.3	0.71	"	17.06
8:05	1.25	35.77	7.02	640	-96.8	24.3	0.28	"	13.25
8:10	1.75	35.77	7.02	639	-97.6	24.3	0.16	"	15.87
8:15	2.25	35.75	7.01	638	-98.1	24.3	0.14	"	16.14

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): David Lubben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-12

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{SD.00}{TD} - \frac{34.53}{DTW} = \frac{15.47}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{25.00}{Top\ of\ Screen} = \frac{25.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.53}{DTW} + 1/2 \left(\frac{70.4}{Water\ Column} \right) = \frac{42.27}{Pump\ Intake\ Depth}$$

$$\frac{25.00}{Top\ of\ Screen\ Depth} + 1/2 \left(\frac{12.50}{Screen\ Length} \right) = \frac{37.50}{Pump\ Intake\ Depth}$$

Date Purged: 11-13-23

Start (24 Hour): 11⁰⁸

End (24 Hour): 11³⁰

Date Sampled: 11-13-23

Start (24 Hour): 11³⁰

End (24 Hour):

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1110	.25	34.65	7.48	1340	-67.8	23.7	6.92	clear	23.20
1115	.75	34.72	7.47	1339	-69.9	23.8	1.19	"	18.71
1120	1.25	34.75	7.45	1335	-70.3	23.8	0.26	"	15.69
1125	1.75	34.76	7.44	1332	-70.8	23.8	0.18	"	16.73
1130	2.25	34.76	7.44	1329	-71.4	23.8	0.12	"	17.81

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks:

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-15
 Well Diameter: 4"
 Date: 11-13-23

$$\frac{50.00}{\text{TD}} - \frac{35.17}{\text{DTW}} = \frac{14.83}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.17}{\text{DTW}} + \frac{1}{2} \left(\frac{7.42}{\text{Water Column}} \right) = \frac{42.59}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 8:33 End (24 Hour) 8:55
 Date Sampled: 11-13-23 Start (24 Hour) 8:55 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBITY (visual or NTU)
8:35	.25	35.24	7.24	1106	-54.0	23.4	2.27	clear	20.94
8:40	.25	35.31	7.21	1106	-55.9	23.4	1.19	"	16.14
8:45	1.25	35.35	7.20	1104	-57.2	23.5	0.39	"	13.47
8:50	1.25	35.37	7.19	1103	-57.9	23.5	0.31	"	11.22
8:55	2.25	35.37	7.17	1103	-58.3	23.5	0.30	"	10.51
(Remaining rows are crossed out with a large blue X)									

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: ADA-6

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-16
 Well Diameter: 4"
 Date: 11-9-23

$$\frac{50.00}{\text{TD}} - \frac{36.91}{\text{DTW}} = \frac{13.09}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.91}{\text{DTW}} + \frac{1}{2} \left(\frac{6.55}{\text{Water Column}} \right) = \frac{43.46}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 8:58 End (24 Hour) 9:10
 Date Sampled: 11-9-23 Start (24 Hour) 9:10 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:00	.25	37.05	7.14	1160	-86.8	22.5	0.83	clear	19.69
9:05	.25	37.13	7.12	1159	-82.7	22.8	0.52	"	12.41
9:10	1.25	37.15	7.12	1158	-81.4	23.0	0.29	"	7.63
9:15	1.25	37.13	7.12	1157	-81.1	23.2	0.27	"	7.21
9:20	2.25	37.14	7.11	1157	-80.9	23.3	0.26	"	7.03
	2.								

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	
		Vac Truck			Teflon Bailer
		Disposable Pump			Disposable Bailer

Remarks: _____

Completed By (Print Name): DAVID WILKIN

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-17R
 Well Diameter: 4"
 Date: 11-8-23

$$\frac{50.00}{TD} - \frac{37.05}{DTW} = \frac{12.95}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{20.00}{Top\ of\ Screen} = \frac{30.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.05}{DTW} + \frac{1}{2} \left(\frac{6.48}{Water\ Column} \right) = \frac{43.53}{Pump\ Intake\ Depth}$$

$$\frac{20.00}{Top\ of\ Screen\ Depth} + \frac{1}{2} \left(\frac{15.00}{Screen\ Length} \right) = \frac{35.00}{Pump\ Intake\ Depth}$$

Date Purged: 11-8-23 Start (24 Hour) 838 End (24 Hour) 900
 Date Sampled: 11-8-23 Start (24 Hour) 900 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBITY (visual or NTU)
840	.25	37.17	7.34	1724	79.6	24.8	8.35	clear	8.43
845	.25	37.24	7.34	1724	80.2	24.9	8.35	"	8.04
850	1.25	37.27	7.33	1719	80.6	25.0	8.22	"	8.22
855	1.75	37.27	7.33	1717	81.2	25.0	8.19	"	7.99
900	2.25	37.29	7.32	1719	81.5	25.1	8.13	"	7.88

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WEBER

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NOR-001/Task 2-16

Well ID: GMW-1B

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address : 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{50.00}{\text{TD}} - \frac{35.59}{\text{DTW}} = \frac{14.41}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.59}{\text{DTW}} + \frac{1}{2} \left(\frac{7.21}{\text{Water Column}} \right) = \frac{42.80}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 9:53 End (24 Hour) 10:15

Date Sampled: 11-13-23 Start (24 Hour) 10:15 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:55	.25	35.71	7.20	589	-199.4	25.2	1.56	clw	24.63
10:00	.75	35.76	7.20	588	-203.7	25.2	0.71	"	22.93
10:05	1.25	35.80	7.18	588	-205.4	25.3	0.33	"	23.15
10:10	1.75	35.82	7.17	587	-206.5	25.3	0.15	"	22.75
10:15	2.25	35.81	7.16	586	-207.2	25.3	0.14	"	22.15

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks:

Completed By (Print Name): DAVID Lubben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: Gmw-19
 Well Diameter: 4"
 Date: 11-8-23

$$\frac{50.00}{TD} - \frac{35.76}{DTW} = \frac{14.24}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{25.00}{Top\ of\ Screen} = \frac{25.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.76}{DTW} + 1/2 \left(\frac{7.12}{Water\ Column} \right) = \frac{42.88}{Pump\ Intake\ Depth}$$

$$\frac{25.00}{Top\ of\ Screen\ Depth} + 1/2 \left(\frac{12.50}{Screen\ Length} \right) = \frac{37.50}{Pump\ Intake\ Depth}$$

Date Purged: 11-8-23 Start (24 Hour) 723 End (24 Hour) 745
 Date Sampled: 11-8-23 Start (24 Hour) 745 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBITY (visual or NTU)
725	0.25	35.84	6.92	1610	10.0	23.1	0.95	clear	2.54
730	0.25	35.91	6.92	1615	4.7	23.5	0.44	"	2.34
735	1.25	35.95	6.91	1617	0.7	23.9	0.39	"	2.30
740	1.25	35.94	6.89	1621	-3.9	24.0	0.35	"	2.33
740	2.25	35.96	6.89	1623	-4.1	24.1	0.33	"	2.25

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): Dawn Lubben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Client/Site: DLA/DFSP Norwalk

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Well ID: GMW-21

Well Diameter: 4"

Date: 11-9-23

$$\frac{50.00}{\text{TD}} - \frac{34.89}{\text{DTW}} = \frac{15.11}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.89}{\text{DTW}} + \frac{1}{2} \left(\frac{7.56}{\text{Water Column}} \right) = \frac{42.45}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 9:33 End (24 Hour) 9:55

Date Sampled: 11-9-23 Start (24 Hour) 9:55 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:35	0.25	34.99	7.05	1415	7.0	24.9	1.00	clear	89.19
9:40	0.75	35.10	7.02	1415	-6.8	25.1	0.63	"	51.12
9:45	1.25	35.12	7.02	1418	-25.1	25.3	0.39	"	36.10
9:50	1.75	35.11	7.02	1419	-37.3	25.4	0.35	"	25.39
9:55	2.25	35.13	7.01	1420	-38.6	25.5	0.33	"	21.05

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	
		Vac Truck			Teflon Bailor
		Disposable Pump			Disposable Bailor

Remarks: DUP-4

Completed By (Print Name): DAVID WILKIN

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-31

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{65.00}{\text{TD}} - \frac{34.81}{\text{DTW}} = \frac{30.19}{\text{Water Column}}$$

$$\frac{65.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{40.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.81}{\text{DTW}} + \frac{1}{2} \left(\frac{15.10}{\text{Water Column}} \right) = \frac{49.91}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{45.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 9:28 End (24 Hour) 8:20 9:40
 Date Sampled: 11-13-23 Start (24 Hour) 9:40 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:20	.25	34.88	7.17	1475	-225.0	23.1	1.11	clear	11.56
9:25	.25	34.95	7.15	1472	-228.1	23.1	0.54	"	10.41
9:30	1.25	34.98	7.14	1470	-230.3	23.2	0.20	"	10.03
9:35	1.25	35.00	7.14	1468	-231.5	23.2	0.18	"	9.83
9:40	2.25	35.02	7.13	1465	-232.8	23.2	0.17	"	9.56

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Vac Truck		<input type="checkbox"/>	Teflon Bailer	
<input type="checkbox"/>	Disposable Pump		<input type="checkbox"/>	Disposable Bailer	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID Whelan

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-35R

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{50.00}{\text{TD}} - \frac{33.81}{\text{DTW}} = \frac{16.19}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.81}{\text{DTW}} + \frac{1}{2} \left(\frac{8.10}{\text{Water Column}} \right) = \frac{41.91}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 1253 End (24 Hour) 15

Date Sampled: 11-7-23 Start (24 Hour) 15 End (24 Hour) _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1255	.25	33.93	6.91	1416	-0.2	26.4	2.29	clear	9.55
100	.25	33.98	6.91	1414	7.7	26.5	1.07	"	8.23
105	1.25	34.01	6.90	1414	21.6	26.5	0.42	"	8.44
110	1.75	34.01	6.90	1413	35.7	26.5	0.35	"	8.51
115	2.25	34.03	6.90	1411	36.5	26.5	0.31	"	8.37
120									

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Vac Truck	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID lobban

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-41

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-10-23

$$\frac{50.50}{\text{TD}} - \frac{32.70}{\text{DTW}} = \frac{17.80}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{32.70}{\text{DTW}} + \frac{1}{2} \left(\frac{8.95}{\text{Water Column}} \right) = \frac{41.65}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-10-23 Start (24 Hour) 8⁰³ End (24 Hour) _____

Date Sampled: 11-10-23 Start (24 Hour) 8¹⁵ End (24 Hour) _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
8 ⁰⁵	.25	32.82	7.33	690	79.3	22.5	5.81	clw	20.32
8 ¹⁰	.25	32.91	7.33	689	81.3	22.7	2.01	"	17.81
8 ¹⁵	1.25	32.94	7.32	689	82.4	22.8	0.89	"	14.29
8 ²⁰	1.25	32.92	7.30	688	83.1	22.9	0.64	"	11.64
8 ²⁵	2.25	32.91	7.29	687	83.5	22.9	0.63	"	9.21

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: DUP-5

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-42
 Well Diameter: 4"
 Date: 11-10-23

$$\frac{50.50}{TD} - \frac{35.54}{DTW} = \frac{14.96}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{20.00}{Top\ of\ Screen} = \frac{30.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

$$\frac{35.54}{DTW} + 1/2(\frac{7.48}{Water\ Column}) = \frac{43.02}{Pump\ Intake\ Depth}$$

Pump Intake Depth, Submerged Screen:

$$\frac{20.00}{Top\ of\ Screen\ Depth} + 1/2(\frac{15.00}{Screen\ Length}) = \frac{35.00}{Pump\ Intake\ Depth}$$

Date Purged: 11-10-23 Start (24 Hour) 7:28 End (24 Hour) 7:10
 Date Sampled: 11-10-23 Start (24 Hour) 7:50 End (24 Hour) _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
7:30	1.25	35.66	7.50	1223	54.1	20.9	6.03	clear	3.83
7:35	1.75	35.72	7.50	1222	55.5	22.1	2.11	"	3.80
7:40	1.25	35.75	7.49	1222	56.2	22.9	0.72	"	3.91
7:45	1.75	35.75	7.47	1220	56.5	23.0	0.61	"	3.15
7:50	2.25	35.76	7.46	1217	56.8	23.0	0.58	"	3.89

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-43

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{50.50}{\text{TD}} - \frac{35.52}{\text{DTW}} = \frac{14.98}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.52}{\text{DTW}} + \frac{1}{2} \left(\frac{7.49}{\text{Water Column}} \right) = \frac{43.01}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 10²⁰ End (24 Hour) 10⁵⁰

Date Sampled: 11-13-23 Start (24 Hour) 10⁵⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10 ³⁰	1.25	35.65	7.55	1110	-108.4	23.6	6.20	clear	168.47
10 ³⁵	1.25	35.77 35.77	7.53	1110	-111.2	23.7	2.14	"	165.79
10 ⁴⁰	1.25	35.86	7.54	1108	-113.0	23.7	0.89	"	166.71
10 ⁴⁵	1.25	35.88	7.54	1107	-114.2	23.7	0.45	"	165.36
10 ⁵⁰	2.25	35.86	7.54	1105	-114.9	23.8	0.42	"	164.07

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	
		Vac Truck		Teflon Bailer	
		Disposable Pump		Disposable Bailer	

Remarks: _____

Completed By (Print Name): DAVID Lubben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-44
 Well Diameter: 4"
 Date: 11-8-23

$$\frac{50.50}{TD} - \frac{34.05}{DTW} = \frac{16.45}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{20.00}{Top\ of\ Screen} = \frac{30.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

$$\frac{34.05}{DTW} + 1/2 \left(\frac{8.23}{Water\ Column} \right) = \frac{42.28}{Pump\ Intake\ Depth}$$

< OR > Pump Intake Depth, Submerged Screen:

$$\frac{20.00}{Top\ of\ Screen\ Depth} + 1/2 \left(\frac{15.00}{Screen\ Length} \right) = \frac{35.00}{Pump\ Intake\ Depth}$$

Date Purged: 11-8-23 Start (24 Hour) 758 End (24 Hour) 820
 Date Sampled: 11-8-23 Start (24 Hour) 820 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
800	0.25	34.17	7.23	1027	12.0	22.2	3.23	clear	77.67
805	0.75	34.25	7.20	1027	-4.0	22.5	2.84	"	54.22
810	1.25	34.29	7.20	1026	-3.2	22.6	2.86	"	55.31
815	1.75	34.27	7.20	1027	-3.5	22.7	2.85	"	51.62
820	2.25	34.26	7.19	1026	-3.8	22.8	2.87	"	50.79

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): David Woben
 Reviewed By: DS

Signature: [Signature]
 Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-45

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{50.50}{\text{TD}} - \frac{32.60}{\text{DTW}} = \frac{17.90}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{25.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{32.60}{\text{DTW}} + 1/2 \left(\frac{8.95}{\text{Water Column}} \right) = \frac{41.55}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 1143 End (24 Hour) 1145
Date Sampled: 11-9-23 Start (24 Hour) 1145 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1125	.25	32.72	7.08	2959	31.0	24.7	2.80	clr	116.27
1130	.25	32.80	7.07	2959	23.1	24.9	1.63	"	89.41
1135	1.25	32.83	7.07	2961	21.0	24.9	0.61	"	66.12
1140	1.25	32.84	7.06	2962	16.5	25.0	0.35	"	62.19
1145	2.25	32.83	7.05	2961	15.4	25.0	0.33	"	60.41

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID Lubben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Client/Site: DLA/DFSP Norwalk

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Well ID: GMW-47

Well Diameter: 4"

Date: 11-9-23

$$\frac{50.50}{TD} - \frac{34.87}{DTW} = \frac{15.63}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{20.00}{Top\ of\ Screen} = \frac{30.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.87}{DTW} + 1/2 \left(\frac{7.82}{Water\ Column} \right) = \frac{42.69}{Pump\ Intake\ Depth}$$

$$\frac{20.00}{Top\ of\ Screen\ Depth} + 1/2 \left(\frac{15.00}{Screen\ Length} \right) = \frac{32.50}{Pump\ Intake\ Depth}$$

Date Purged: 11-9-23

Start (24 Hour): 11⁵⁸

End (24 Hour): 12²⁰

Date Sampled: 11-9-23

Start (24 Hour): 12²⁰

End (24 Hour): —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
12 ⁰⁰	0.25	34.98	7.41	2201	65.2	25.1	0.19	clear	12.28
12 ⁰⁵	0.25	35.08	7.40	2198	66.9	25.1	0.63	"	11.01
12 ¹⁰	1.25	35.09	7.38	2196	68.1	25.2	0.29	"	9.92
12 ¹⁵	1.75	35.11	7.38	2195	68.7	25.3	0.21	"	10.05
12 ²⁰	2.25	35.10	7.37	2194	69.3	25.2	0.20	"	9.87

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Vac Truck	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks:

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-48

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{50.50}{\text{TD}} - \frac{35.90}{\text{DTW}} = \frac{14.60}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.90}{\text{DTW}} + 1/2 \left(\frac{7.30}{\text{Water Column}} \right) = \frac{43.20}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 12¹⁸ End (24 Hour) 12⁴⁰

Date Sampled: 11-7-23 Start (24 Hour) 12⁴⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
12 ²⁰	1.25	36.03	7.01	2156	-95.7	26.0	0.56	clr	152.05
12 ²⁵	1.75	36.09	7.00	2156	-94.9	26.2	0.31	"	96.17
12 ³⁰	1.25	36.11	6.99	2155	-95.0	26.3	0.15	"	83.10
12 ³⁵	1.75	36.11	7.00	2153	-94.7	26.3	0.11	"	81.04
12 ⁴⁰	2.25	36.13	7.00	2154	-94.6	26.2	0.10	"	79.67

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-56

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{55.00}{\text{TD}} - \frac{33.60}{\text{DTW}} = \frac{21.40}{\text{Water Column}}$$

$$\frac{55.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.60}{\text{DTW}} + \frac{1}{2} \left(\frac{10.70}{\text{Water Column}} \right) = \frac{44.30}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 10⁴⁸ End (24 Hour) 11¹⁰
 Date Sampled: 11-9-23 Start (24 Hour) 11¹⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10 ⁵⁰	.25	33.72	7.20	1192	-76.7	22.8	0.52	clw	117.07
10 ⁵⁵	.25	33.79	7.17	1188	-74.8	22.7	0.30	"	60.22
11 ⁰⁰	1.25	33.83	7.16	1186	-73.7	22.9	0.21	"	19.71
11 ⁰⁵	1.25	33.82	7.15	1185	-73.2	22.9	0.16	"	14.09
11 ¹⁰	2.25	33.84	7.15	1186	-72.8	23.0	0.14	"	11.06

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks:

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-57

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{55.00}{\text{TD}} - \frac{36.02}{\text{DTW}} = \frac{18.98}{\text{Water Column}}$$

$$\frac{54.00}{\text{Bottom of Screen}} - \frac{19.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.02}{\text{DTW}} + \frac{1}{2} \left(\frac{8.49}{\text{Water Column}} \right) = \frac{45.51}{\text{Pump Intake Depth}}$$

$$\frac{19.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{36.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 12:33 End (24 Hour) 12:55
 Date Sampled: 11-9-23 Start (24 Hour) 12:55 End (24 Hour) _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
12:35	.25	36.10	7.16	2461	68.6	24.7	1.82	clear	12.32
12:40	.75	36.16	7.14	2460	70.7	24.9	0.79	"	11.47
12:45	1.25	36.20	7.13	2458	71.3	24.9	0.35	"	11.23
12:50	1.75	36.21	7.11	2455	71.8	24.9	0.33	"	10.81
12:55	2.25	36.20	7.10	2453	72.2	25.0	0.31	"	10.63

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID Webster

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NOR-001/Task 2-16

Well ID: GMW-58

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address : 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{55.00}{\text{TD}} - \frac{34.75}{\text{DTW}} = 20.25$$

$$\frac{55.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = 35.00$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.75}{\text{DTW}} + \frac{1}{2} \left(\frac{10.13}{\text{Water Column}} \right) = \frac{44.88}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{37.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 11³⁸ End (24 Hour) 12⁰⁰

Date Sampled: 11-7-23 Start (24 Hour) 12⁰⁰ End (24 Hour)

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1140	.25	34.87	6.95	2180	90.2	24.5	3.51	clw	147.10
1145	.25	34.96	6.93	2198	59.1	25.4	2.58	"	135.88
1150	1.25	34.98	6.95	2205	43.6	25.5	2.38	"	69.13
1155	1.25	34.96	6.96	2205	41.7	25.6	2.28	"	57.81
1200	2.25	34.97	6.96	2204	40.9	25.7	2.21	"	55.54

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing		<input type="checkbox"/>	

Remarks:

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-59

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{55.00}{\text{TD}} - \frac{30.55}{\text{DTW}} = \frac{24.45}{\text{Water Column}}$$

$$\frac{55.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{30.55}{\text{DTW}} + \frac{1}{2} \left(\frac{12.23}{\text{Water Column}} \right) = \frac{42.78}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{37.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 2:03 End (24 Hour) 2:25
 Date Sampled: 11-13-23 Start (24 Hour) 2:25 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
2:05	1.25	30.68	7.44	1935	-43.7	25.7	3.81	clear	16.01
2:10	1.75	30.75	7.42	1933	-46.3	25.7	1.83	"	12.85
2:15	1.25	30.77	7.41	1932	-47.9	25.8	0.92	"	10.41
2:20	1.25	30.78	7.40	1932	-48.5	25.8	0.42	"	8.81
2:25	2.25	30.79	7.40	1930	-49.1	25.9	0.38	"	8.56

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing		<input type="checkbox"/>	

Remarks: _____

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-60

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{50.00}{\text{TD}} - \frac{36.15}{\text{DTW}} = \frac{13.85}{\text{Water Column}}$$

$$\frac{40.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{15.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.15}{\text{DTW}} + \frac{1}{2} \left(\frac{6.93}{\text{Water Column}} \right) = \frac{43.08}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{7.50}{\text{Screen Length}} \right) = \frac{32.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 9⁵³ End (24 Hour) 10¹⁵

Date Sampled: 11-7-23 Start (24 Hour) 10¹⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9 ⁵⁵	0.25	36.22	7.06	2644	-64.0	22.2	3.37	clear	86.13
10 ⁰⁰	0.75	36.27	7.06	2643	-65.9	22.3	1.47	"	84.47
10 ⁰⁵	1.25	36.30	7.05	2643	-67.9	22.3	0.39	"	85.91
10 ¹⁰	1.75	36.32	7.03	2641	-68.6	22.3	0.31	"	83.74
10 ¹⁵	2.25	36.34	7.02	2638	-69.0	22.3	0.28	"	84.06

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing			

Remarks: Blackish water

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-62

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-6-23

$$\frac{40.50}{\text{TD}} - \frac{26.64}{\text{DTW}} = \frac{13.86}{\text{Water Column}}$$

$$\frac{40.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{26.64}{\text{DTW}} + 1/2 \left(\frac{6.93}{\text{Water Column}} \right) = \frac{33.57}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{30.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 11:08 End (24 Hour) 11:30
 Date Sampled: 11-6-23 Start (24 Hour) _____ End (24 Hour) _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1110	.25	26.75	7.36	2917	39.3	25.0	7.20	clear	2.11
1115	.75	26.82	7.31	2917	40.1	25.0	6.85	"	2.13
1120	1.25	26.85	7.30	2916	41.3	25.1	6.36	"	2.69
1125	1.75	26.87	7.29	2915	42.0	25.1	5.97	"	2.41
1130	2.25	26.86	7.29	2913	42.5	27.1	5.86	"	2.47

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: sock in well,

Completed By (Print Name): DAVID Lubben

Signature: [Signature]

Reviewed By: [Signature]

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Client/Site: DLA/DFSP Norwalk

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Well ID: GMW-63

Well Diameter: 4"

Date: 11-6-23

$$\frac{41.00}{\text{TD}} - \frac{35.02}{\text{DTW}} = \frac{5.98}{\text{Water Column}}$$

$$\frac{40.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.02}{\text{DTW}} + \frac{1}{2} \left(\frac{2.99}{\text{Water Column}} \right) = \frac{38.01}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{30.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 8:08 End (24 Hour) 8:30
 Date Sampled: 11-6-23 Start (24 Hour) 8:30 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
8 ¹⁰	.25	35.13	6.98	2175	209.5	20.3	1.04	den	12.88
8 ¹⁵	.25	35.22	7.01	2211	196.0	21.2	0.52	"	10.11
8 ²⁰	1.25	35.25	7.02	2222	1997	21.4	0.46	"	8.93
8 ²⁵	1.75	35.25	7.04	2225	185.3	21.5	0.36	"	
8 ²⁸	2.25	35.24	7.03	2228	182.4	21.6	0.31	"	
8 ³⁰	2.25	35.26	7.03	2227	181.1	21.6	0.29	"	
 									
 									
 									
 									
 									
 									
 									
 									

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WEBER

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: Gmw-64

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-6-23

$$\frac{41.00}{\text{TD}} - \frac{33.03}{\text{DTW}} = \frac{7.97}{\text{Water Column}}$$

$$\frac{39.50}{\text{Bottom of Screen}} - \frac{19.50}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.03}{\text{DTW}} + \frac{1}{2} \left(\frac{7.99}{\text{Water Column}} \right) = \frac{37.02}{\text{Pump Intake Depth}}$$

$$\frac{19.50}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{29.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 848 End (24 Hour) 910
Date Sampled: 11-6-23 Start (24 Hour) 910 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
8:50	.25	33.15	7.13	1529	122.9	22.1	1.41	clear	4.28
8:55	.75	33.22	7.13	1530	128.3	22.2	0.71	"	4.71
9:00	1.25	33.25	7.11	1527	135.2	22.2	0.33	"	4.62
9:05	1.75	33.26	7.10	1525	138.7	22.3	0.27	"	4.15
9:10	2.25	33.26	7.09	1524	139.8	22.4	0.25	"	3.98

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	Teflon Bailor
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Bailor
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): Mavis Wicker

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GMW-65

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-6-23

$$\frac{41.50}{\text{TD}} - \frac{35.11}{\text{DTW}} = \frac{6.39}{\text{Water Column}}$$

$$\frac{41.00}{\text{Bottom of Screen}} - \frac{21.00}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.11}{\text{DTW}} + \frac{1}{2} \left(\frac{3.20}{\text{Water Column}} \right) = \frac{38.31}{\text{Pump Intake Depth}}$$

$$\frac{21.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{31.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 9²⁸ End (24 Hour) 9⁰⁰

Date Sampled: 11-6-23 Start (24 Hour) 9⁰⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
930	.2	35.22	7.05	2422	2.5	21.2	0.31	cln	9.79
935	1.75	35.30	7.03	2422	1.4	21.3	0.29	"	13.4
940	1.25	35.33	7.05	2426	-4.0	21.5	0.27	"	11.69
945	1.75	35.35	7.04	2430	-5.2	21.6	0.27	"	10.13
950	2.25	35.35	7.04	2432	-5.5	21.6	0.26	"	9.81
 									
 									
 									
 									
 									
 									
 									
 									
 									

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks:

Completed By (Print Name): Phil Lobban

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-67
 Well Diameter: 4"
 Date: 11-6-23

$$\frac{47.00}{\text{TD}} - \frac{33.19}{\text{DTW}} = \frac{13.81}{\text{Water Column}}$$

$$\frac{45.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.19}{\text{DTW}} + \frac{1}{2} \left(\frac{6.91}{\text{Water Column}} \right) = \frac{40.10}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 10³⁸ End (24 Hour) 11⁰⁰
 Date Sampled: 11-6-23 Start (24 Hour) 11⁰⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10 ⁴⁰	.25	33.30	7.32	354.0	-112.6	25.1	3.40	clw	18.16
10 ⁴⁵	.25	33.38	7.30	359.0	-115.3	25.0	2.62	"	18.01
10 ⁵⁰	1.25	33.41	7.29	361.0	-117.2	25.0	1.89	"	16.33
10 ⁵⁵	1.25	33.43	7.30	362.0	-118.3	25.1	1.35	"	13.12
11 ⁰⁰	2.25	33.42	7.30	369.0	-119.4	25.0	1.31	"	11.89

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: Gmw-69

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-6-23

$$\frac{45.00}{\text{TD}} - \frac{33.82}{\text{DTW}} = \frac{11.18}{\text{Water Column}}$$

$$\frac{45.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.82}{\text{DTW}} + \frac{1}{2} \left(\frac{10.59}{\text{Water Column}} \right) = \frac{39.41}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 10⁰³ End (24 Hour) 10²⁵
 Date Sampled: 11-6-23 Start (24 Hour) 10²⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBITY (visual or NTU)
10 ⁰⁵	.25	33.95	6.99	2576	55.8	22.4	0.35	clear	2.45
10 ¹⁰	.25	34.02	7.01	2574	56.7	22.5	0.31	"	2.79
10 ¹⁵	1.25	34.05	6.99	2573	57.1	22.5	0.28	"	2.64
10 ²⁰	1.75	34.05	6.97	2571	57.6	22.5	0.26	"	2.13
10 ²⁵	2.25	34.06	6.96	2569	57.8	22.6	0.24	"	2.21
 									
 									
 									
 									
 									
 									
 									
 									
 									

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: DUP-1 sampled here

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GW-2

Client/Site: DLA/DFSP Norwalk

Well Diameter: 6"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{63.00}{\text{TD}} - \frac{35.35}{\text{DTW}} = \frac{17.65}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.35}{\text{DTW}} + 1/2(\frac{8.83}{\text{Water Column}}) = \frac{44.18}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2(\frac{17.50}{\text{Screen Length}}) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 738 End (24 Hour) 800
Date Sampled: 11-9-23 Start (24 Hour) 800 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
740	.25	35.48	7.04	1421	-85.2	22.8	1.74	clear	78.23
745	.25	35.54	7.04	1419	-88.9	22.8	0.69	"	77.91
750	1.25	35.58	7.03	1417	-90.1	22.9	0.21	"	77.13
755	1.25	35.56	7.03	1416	-90.9	22.9	0.15	"	76.81
800	2.25	35.57	7.02	1414	-91.3	22.9	0.13	"	77.01

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GW-73

Client/Site: DLA/DFSP Norwalk

Well Diameter: 6"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-8-23

$$\frac{63.00}{\text{TD}} - \frac{35.66}{\text{DTW}} = \frac{27.34}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.66}{\text{DTW}} + \frac{1}{2} \left(\frac{13.67}{\text{Water Column}} \right) = \frac{49.33}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-8-23 Start (24 Hour) 10²⁸ End (24 Hour) 10⁰⁰
 Date Sampled: 11-8-23 Start (24 Hour) 10⁰⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10 ³⁰	0.25	35.75	7.20	1528	-71.6	24.3	2.03	clear	61.48
10 ³⁵	0.25	35.82	7.20	1528	-76.1	24.6	1.02	"	38.64
10 ⁴⁰	1.25	35.85	7.19	1526	-77.9	24.7	0.39	"	22.10
10 ⁴⁵	1.25	35.87	7.18	1526	-78.8	24.7	0.22	"	17.49
10 ⁵⁰	2.25	35.88	7.17	1525	-79.2	24.8	0.20	"	16.27

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID WOLTER

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-6
 Well Diameter: 4"
 Date: 11-10-23

$$\frac{63.00}{TD} - \frac{35.90}{DTW} = \frac{27.10}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.90}{DTW} + \frac{1}{2} \left(\frac{13.55}{\text{Water Column}} \right) = \frac{49.45}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-10-23 Start (24 Hour) 9:23 End (24 Hour) 9:45
 Date Sampled: 11-10-23 Start (24 Hour) 9:45 End (24 Hour) 2 —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:25	.25	36.03	7.05	932	17.8	21.3	2.51	Clear	17.94
9:30	.25	36.10	7.03	932	24.6	21.6	1.19	"	15.01
9:35	1.25	36.12	7.03	931	30.1	22.0	0.54	"	12.96
9:40	1.25	36.13	7.02	931	33.7	22.2	0.27	"	10.85
9:45	2.25	36.12	7.01	930	34.5	22.3	0.25	"	10.35

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID Lubben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GW-8

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-10-23

$$\frac{63.00}{TD} - \frac{35.48}{DTW} = \frac{27.52}{Water\ Column}$$

$$\frac{59.00}{Bottom\ of\ Screen} - \frac{24.00}{Top\ of\ Screen} = \frac{35.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Tables:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.48}{DTW} + 1/2 \left(\frac{13.76}{Water\ Column} \right) = \frac{49.24}{Pump\ Intake\ Depth}$$

$$\frac{24.00}{Top\ of\ Screen\ Depth} + 1/2 \left(\frac{17.50}{Screen\ Length} \right) = \frac{41.50}{Pump\ Intake\ Depth}$$

Date Purged: 11-10-23 Start (24 Hour) 9:58 End (24 Hour) 10:20
Date Sampled: 11-10-23 Start (24 Hour) 10:20 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10:00	2.5	35.58	7.06	605	38.6	22.4	4.41	clear	6.37
10:05	2.5	35.65	7.05	605	39.9	22.4	1.26	11	6.45
10:10	1.25	35.68	7.03	604	40.8	22.5	0.39	11	6.41
10:15	1.75	35.69	7.02	604	41.6	22.5	0.34	11	6.31
10:20	2.25	35.70	7.02	603	42.1	22.5	0.30	11	6.27

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): David Wobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GW-13

Client/Site: DLA/DFSP Norwalk

Well Diameter: 6"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-8-23

$$\frac{67.00}{\text{TD}} - \frac{36.40}{\text{DTW}} = \frac{30.60}{\text{Water Column}}$$

$$\frac{65.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{40.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.40}{\text{DTW}} + \frac{1}{2} \left(\frac{15.30}{\text{Water Column}} \right) = \frac{51.70}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{45.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-8-23 Start (24 Hour) 1108 End (24 Hour) 1130
 Date Sampled: 11-8-23 Start (24 Hour) 1130 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1110	.25	36.53	7.04	1530	-93.4	23.2	0.46	cler	7.52
1115	.75	36.60	7.01	1530	-99.7	23.0	0.23	"	6.73
1120	1.25	36.62	6.99	1528	-104.1	23.6	0.16	"	6.49
1125	1.75	36.63	6.97	1526	-105.5	23.6	0.12	"	6.56
1130	2.25	36.65	6.98	1525	-106.2	23.7	0.11	"	6.81

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing		<input type="checkbox"/>	

Remarks:

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GW-14R

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-15-23

$$\frac{50.00}{\text{TD}} - \frac{32.35}{\text{DTW}} = \frac{17.65}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{32.35}{\text{DTW}} + \frac{1}{2} \left(\frac{8.83}{\text{Water Column}} \right) = \frac{41.18}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-15-23 Start (24 Hour) 10⁰³ End (24 Hour) 10²⁵
 Date Sampled: 11-15-23 Start (24 Hour) 10²⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10 ⁰⁵	1.25	32.51	7.23	1615	-83.3	25.3	1.19	clear	45.30
10 ⁶⁰	1.75	32.60	7.22	1615	-85.9	25.3	0.61	"	47.93
10 ¹⁵	1.25	23.58	7.22	1613	-87.2	25.4	0.29	"	46.22
10 ⁶⁰	1.75	32.56	7.21	1610	-88.3	25.4	0.22	"	45.18
10 ²⁵	2.25	32.58	7.21	1607	-88.7	25.4	0.20	"	44.29

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailor
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailor
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing		<input type="checkbox"/>	

Remarks: Remove pump - MASTY

Completed By (Print Name): David W. L...

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: GW-15

Client/Site: DLA/DFSP Norwalk

Well Diameter: .4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{60.50}{TD} - \frac{34.87}{DTW} = \frac{25.63}{\text{Water Column}}$$

$$\frac{60.50}{\text{Bottom of Screen}} - \frac{20.50}{\text{Top of Screen}} = \frac{40.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

$$\frac{34.87}{DTW} + 1/2 \left(\frac{12.82}{\text{Water Column}} \right) = \frac{47.69}{\text{Pump Intake Depth}}$$

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{20.50}{\text{Top of Screen Depth}} + 1/2 \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{40.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 9:23 End (24 Hour) 9:45
 Date Sampled: 11-7-23 Start (24 Hour) 9:45 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:25	.25	34.98	7.72	1188	59.4	23.6	5.88	blw	110.37
9:30	.25	35.06	7.69	1189	63.1	23.6	1.86	"	108.73
9:35	1.25	35.08	7.68	1187	64.7	23.5	0.59	"	109.63
9:40	1.25	35.07	7.67	1185	65.6	23.5	0.43	"	109.15
9:45	2.25	35.09	7.66	1184	65.9	23.6	0.38	"	108.01

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing		<input type="checkbox"/>	

Remarks: _____

Completed By (Print Name): DAVID WALTER

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-16
 Well Diameter: 6"
 Date: 11-14-23

$$\frac{63.00}{\text{TD}} - \frac{44.80}{\text{DTW}} = \frac{18.20}{\text{Water Column}}$$

$$\frac{60.50}{\text{Bottom of Screen}} - \frac{20.50}{\text{Top of Screen}} = \frac{40.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{44.80}{\text{DTW}} + 1/2 \left(\frac{9.10}{\text{Water Column}} \right) = \frac{53.90}{\text{Pump Intake Depth}}$$

$$\frac{20.50}{\text{Top of Screen Depth}} + 1/2 \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{40.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-14-23 Start (24 Hour) 8²³ End (24 Hour) _____
 Date Sampled: 11-14-23 Start (24 Hour) 8⁴⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
8 ²⁵	44.86	.25	7.22	1210	-1.6	19.6	3.47	clw	4.57
8 ³⁰	44.90	.75	7.19	1210	-2.5	19.6	1.69	"	4.69
8 ³⁵	44.93	1.25	7.18	1208	-2.8	19.7	0.56	"	4.62
8 ⁴⁰	44.95	1.75	7.18	1206	-3.0	19.9	0.28	"	4.53
8 ⁴⁵	44.95	2.25	7.17	1205	-3.1	20.0	0.26	"	4.40

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: mw-13

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-7-23

$$\frac{50.00}{\text{TD}} - \frac{36.97}{\text{DTW}} = \frac{13.03}{\text{Water Column}}$$

$$\frac{48.00}{\text{Bottom of Screen}} - \frac{18.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.97}{\text{DTW}} + \frac{1}{2} \left(\frac{6.52}{\text{Water Column}} \right) = \frac{43.49}{\text{Pump Intake Depth}}$$

$$\frac{18.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{33.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-7-23 Start (24 Hour) 1103 End (24 Hour) 1125
Date Sampled: 11-7-23 Start (24 Hour) 1125 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
1105	.25	37.10	7.50	1416	-4.6	22.1	1.83	clear	5.26
1110	.75	37.16	7.49	1415	-5.9	22.2	0.93	"	5.16
1115	1.25	37.19	7.46	1413	-6.8	22.3	0.21	"	5.27
1120	1.75	37.20	7.46	1412	-7.5	22.3	0.15	"	5.36
1125	2.25	37.20	7.45	1410	-8.1	22.3	0.13	"	5.55

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID Wobhan

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Client/Site: DLA/DFSP Norwalk

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Well ID: MW-16

Well Diameter: 4"

Date: 11-6-23

$$\frac{50.00}{\text{TD}} - \frac{35.19}{\text{DTW}} = \frac{14.81}{\text{Water Column}}$$

$$\frac{48.00}{\text{Bottom of Screen}} - \frac{18.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.19}{\text{DTW}} + 1/2 \left(\frac{7.41}{\text{Water Column}} \right) = \frac{42.60}{\text{Pump Intake Depth}}$$

$$\frac{18.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{33.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-6-23 Start (24 Hour) 12⁵⁸ End (24 Hour) 1:20-20

Date Sampled: 11-6-23 Start (24 Hour) 120 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
100	.25	35.30	7.62	367.2	33.7	25.9	3.11	clear	4.56
105	.75	35.38	7.61	366.8	36.4	25.8	1.79	"	4.79
110	1.25	35.41	7.61	366.1	39.8	25.8	0.63	"	4.62
115	1.75	35.43	7.59	365.9	41.4	25.8	0.33	"	4.33
120	2.25	35.43	7.59	365.2	42.1	25.9	0.30	"	4.13

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks:

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: MW-22 (mid)

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-8-23

$$\frac{52.00}{\text{TD}} - \frac{40.48}{\text{DTW}} = \frac{11.52}{\text{Water Column}}$$

$$\frac{42.00}{\text{Bottom of Screen}} - \frac{42.00}{\text{Top of Screen}} = \frac{10.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{40.48}{\text{DTW}} + 1/2 \left(\frac{5.76}{\text{Water Column}} \right) = \frac{46.24}{\text{Pump Intake Depth}}$$

$$\frac{42.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{5.0}{\text{Screen Length}} \right) = \frac{47.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-8-23 Start (24 Hour) 1143 End (24 Hour) 1205

Date Sampled: 11-8-23 Start (24 Hour) 1205 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
11:45	0.25	40.59	7.24	2089	-59.1	23.5	1.70	clear	68.10
11:50	0.25	40.66	7.21	2088	-64.7	23.5	0.156	"	61.78
11:55	1.25	40.69	7.20	2086	-67.9	23.6	0.19	"	62.41
12:00	1.75	40.70	7.19	2085	-70.10	23.6	0.15	"	62.13
12:05	2.25	40.71	7.17	2082	-70.6	23.6	0.13	"	61.22
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5; font-size: 4em;">X</div>									

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input checked="" type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks:

Completed By (Print Name): Die Hobba

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: MW-24

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-9-23

$$\frac{47.00}{\text{TD}} - \frac{37.10}{\text{DTW}} = \frac{9.90}{\text{Water Column}}$$

$$\frac{44.00}{\text{Bottom of Screen}} - \frac{14.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.10}{\text{DTW}} + \frac{1}{2} \left(\frac{9.98}{\text{Water Column}} \right) = \frac{42.08}{\text{Pump Intake Depth}}$$

$$\frac{14.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{29.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-9-23 Start (24 Hour) 8¹⁸ End (24 Hour) 8⁴⁰
 Date Sampled: 11-9-23 Start (24 Hour) 8⁴⁰ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
8 ²⁰	.25	37.21	7.17	1483	-1.3	22.4	0.58	clear	3.55
8 ²⁵	.25	37.28	7.15	1488	4.7	22.5	0.36	"	3.30
8 ³⁰	1.25	37.31	7.14	1494	15.3	22.7	0.23	"	3.12
8 ³⁵	1.75	37.32	7.14	1501	17.7	22.8	0.20	"	3.22
8 ⁴⁰	2.25	37.32	7.13	1503	17.9	23.0	0.18	"	3.19

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID LUTHER

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: MW-27

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-8-23

$$\frac{52.30}{\text{TD}} - \frac{37.79}{\text{DTW}} = \frac{14.51}{\text{Water Column}}$$

$$\frac{48.00}{\text{Bottom of Screen}} - \frac{18.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.79}{\text{DTW}} + \frac{1}{2} \left(\frac{7.26}{\text{Water Column}} \right) = \frac{45.05}{\text{Pump Intake Depth}}$$

$$\frac{18.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{33.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-8-23 Start (24 Hour) 9:18 End (24 Hour) 9:40

Date Sampled: 11-8-23 Start (24 Hour) 9:40 End (24 Hour)

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:20	1.25	37.90	7.12	2119	85.6	24.3	2.56	clear	9.34
9:25	1.25	37.96	7.10	2116	88.3	24.4	1.37	"	9.30
9:30	1.25	38.00	7.09	2114	90.7	24.5	0.99	"	9.13
9:35	1.75	38.02	7.66	2113	91.3	24.5	0.75	"	9.22
9:40	2.25	38.03	7.07	2111	91.7	24.6	0.68	"	9.01

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	
<input type="checkbox"/>		Vac Truck	<input type="checkbox"/>		Teflon Bailer
<input type="checkbox"/>		Disposable Pump	<input type="checkbox"/>		Disposable Bailer

Remarks: DUP-3

Completed By (Print Name): DAVID WHITMAN

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: MW-29

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{52.40}{\text{TD}} - \frac{37.94}{\text{DTW}} = \frac{14.46}{\text{Water Column}}$$

$$\frac{47.50}{\text{Bottom of Screen}} - \frac{17.50}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.94}{\text{DTW}} + \frac{1}{2} \left(\frac{13}{\text{Water Column}} + \frac{7.23}{\text{Pump Intake Depth}} \right) = \frac{45.17}{\text{Pump Intake Depth}}$$

$$\frac{17.50}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} + \frac{17.50}{\text{Pump Intake Depth}} \right) = \frac{32.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-23-23 Start (24 Hour) 11⁴³ End (24 Hour) 12⁰⁵

Date Sampled: 11-13-23 Start (24 Hour) 12⁰⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
11 ⁴⁵	.25	38.05	7.63	1001	-61.9	24.0	4.10	plw	4.13
11 ⁵⁰	.75	38.14	7.59	1001	-58.1	24.1	1.19	"	4.24
11 ⁵⁵	1.25	38.17	7.57	1002	-56.8	24.2	0.33	"	4.14
12 ⁰⁰	1.75	38.16	7.56	1003	-55.9	24.5	0.25	"	4.01
12 ⁰⁵	2.25	38.18	7.55	1002	-56.4	24.4	0.23	"	3.97

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing		<input type="checkbox"/>	

Remarks: _____

Completed By (Print Name): DAVID WBBAN

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: PZ-3

Client/Site: DLA/DFSP Norwalk

Well Diameter: 2"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-15-23

$$\frac{65.00}{\text{TD}} - \frac{34.84}{\text{DTW}} = \frac{30.16}{\text{Water Column}}$$

$$\frac{65.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{40.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.84}{\text{DTW}} + 1/2 \left(\frac{15.08}{\text{Water Column}} \right) = \frac{49.92}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{45.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-15-23 Start (24 Hour) 8:38 End (24 Hour) 9:00

Date Sampled: 11-15-23 Start (24 Hour) 9:00 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
8:40	1.25	34.97	6.75	1500	-68.6	25.0	0.39	clear	86.40
8:45	1.75	35.03	6.76	1492	-63.6	25.1	0.16	"	19.63
8:50	1.25	35.06	6.76	1485	-64.3	25.1	0.10	"	13.50
8:55	1.75	35.06	6.76	1481	-66.2	25.2	0.08	"	14.81
9:00	2.25	35.07	6.76	1477	-67.3	25.2	0.08	"	14.27

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Centrifugal Pump	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Submersible Pump	
<input type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing	
<input type="checkbox"/>		Vac Truck	<input type="checkbox"/>		Teflon Bailor
<input type="checkbox"/>		Disposable Pump	<input type="checkbox"/>		Disposable Bailor

Remarks: _____

Completed By (Print Name): DAVID WBBAN

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Client/Site: DLA/DFSP Norwalk

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Well ID: TF-9R

Well Diameter: 4"

Date: 11-15-23

$$\frac{50.00}{\text{TD}} - \frac{36.25}{\text{DTW}} = \frac{13.75}{\text{Water Column}}$$

$$\frac{0.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

$$\frac{36.25}{\text{DTW}} + 1/2 \left(\frac{6.88}{\text{Water Column}} \right) = \frac{43.13}{\text{Pump Intake Depth}}$$

< OR > Pump Intake Depth, Submerged Screen:

$$\frac{20.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-15-23 Start (24 Hour) 923 End (24 Hour) _____
 Date Sampled: 11-15-23 Start (24 Hour) 945 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
925	125	36.37	7.50	1134	47.1	25.6	8.52	clear	2.63
930	25	36.44	7.50	1135	49.8	25.6	8.55	"	2.52
935	125	36.46	7.50	1135	53.9	25.7	8.52	"	2.81
940	175	36.48	7.49	1136	55.0	25.7	8.50	"	2.59
945	225	36.47	7.49	1136	55.8	25.7	8.47	"	2.63
 									
 									
 									
 									
 									
 									
 									
 									
 									

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WBBAN

Signature: *David Wbban*

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: TF-13

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-14-23

$$\frac{63.00}{\text{TD}} - \frac{34.05}{\text{DTW}} = \frac{18.95}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.05}{\text{DTW}} + 1/2 \left(\frac{9.18}{\text{Water Column}} \right) = \frac{43.53}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-14-23 Start (24 Hour) 11:38 End (24 Hour) 12:00

Date Sampled: 11-14-23 Start (24 Hour) 12:00 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
11:40	1.25	34.16	7.01	838	7.1	27.2	2.26	dlw	22.16
11:45	2.75	34.24	7.03	837	7.9	27.1	1.08	"	15.14
11:50	1.25	34.25	7.02	837	8.8	27.1	0.42	"	9.73
11:55	1.25	34.27	7.00	836	10.0	27.2	0.35	"	7.84
12:00	2.25	34.28	6.98	835	10.5	27.3	0.33	"	8.04

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: TF-15

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-14-23

$$\frac{63.00}{\text{TD}} - \frac{34.10}{\text{DTW}} = \frac{28.90}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.10}{\text{DTW}} + \frac{1}{2} \left(\frac{14.15}{\text{Water Column}} \right) = \frac{48.55}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-14-23 Start (24 Hour) 1023 End (24 Hour) 1045

Date Sampled: 11-14-23 Start (24 Hour) 1045 End (24 Hour)

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
10 ²⁵	2.25	34.18	7.19	1158	-100.9	27.1	1.40	clear	19.26
10 ³⁰	2.75	34.23	7.17	1157	-105.8	27.0	0.48	"	15.13
10 ³⁵	1.25	34.27	7.17	1155	-109.3	27.1	0.19	"	11.64
10 ⁴⁰	1.75	34.30	7.16	1152	-111.1	27.0	0.14	"	9.81
10 ⁴⁵	2.25	34.32	7.14	1150	-112.0	27.1	0.12	"	8.63

PURGING EQUIPMENT				SAMPLING EQUIPMENT			
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump			<input checked="" type="checkbox"/>	Other: Dedicated Tubing		

Remarks:

Completed By (Print Name): DAVID Lubk

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Client/Site: DLA/DFSP Norwalk

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Well ID: TF-16

Well Diameter: 4"

Date: 11-14-23

$$\frac{63.00}{\text{TD}} - \frac{44.80}{\text{DTW}} = \frac{18.20}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{44.80}{\text{DTW}} + \frac{1}{2} \left(\frac{9.10}{\text{Water Column}} \right) = \frac{53.90}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-14-23 Start (24 Hour) 10:58 End (24 Hour) 11:20
Date Sampled: 11-14-23 Start (24 Hour) 11:20 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
11:00	1.25	44.92	7.16	1302	-115.7	27.8	1.14	clear	25.04
11:05	2.5	44.95	7.16	1302	-121.3	27.8	0.49	"	16.10
11:10	1.25	44.98	7.15	1300	-124.6	27.9	0.18	"	10.39
11:15	1.75	45.00	7.15	1297	-125.8	27.8	0.15	"	8.42
11:20	2.25	45.00	7.15	1295	-126.4	27.8	0.13	"	6.57
(The remaining rows of the table are crossed out with a large blue 'X')									

PURGING EQUIPMENT				SAMPLING EQUIPMENT			
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump			<input checked="" type="checkbox"/>	Other: Dedicated Tubing		

Remarks:

Completed By (Print Name): DAVID lobben

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: TF-17R

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-14-23

$$\frac{40.00}{\text{TD}} - \frac{36.01}{\text{DTW}} = \frac{3.99}{\text{Water Column}}$$

$$\frac{40.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.01}{\text{DTW}} + \frac{1}{2} \left(\frac{2.00}{\text{Water Column}} \right) = \frac{38.01}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{30.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-14-23 Start (24 Hour) 943 End (24 Hour) 1005

Date Sampled: 11-14-23 Start (24 Hour) 1005 End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
945	2.25	36.13	7.11	561	-55.6	25.5	2.57	Clear	52.13
950	2.25	36.20	7.10	560	-57.9	25.7	1.01	"	38.92
955	1.25	36.24	7.09	560	-59.2	25.8	0.35	"	31.99
1000	1.25	36.25	7.09	559	-60.6	25.8	0.30	"	28.64
1005	2.25	36.23	7.08	559	-61.1	25.9	0.28	"	29.95

PURGING EQUIPMENT				SAMPLING EQUIPMENT			
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailor
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailor
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump			<input checked="" type="checkbox"/>	Other: Dedicated Tubing		

Remarks: _____

Completed By (Print Name): DW H Cobhan

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: DL ~~GMW-49~~ TF-18

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-14-23

$$\frac{50.50}{TD} - \frac{31.48}{DTW} = \frac{18.52}{Water\ Column}$$

$$\frac{50.00}{Bottom\ of\ Screen} - \frac{20.00}{Top\ of\ Screen} = \frac{30.00}{Screen\ Length}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{31.48}{DTW} + \frac{1}{2} \left(\frac{9.26}{Water\ Column} \right) = \frac{40.74}{Pump\ Intake\ Depth}$$

$$\frac{20.00}{Top\ of\ Screen\ Depth} + \frac{1}{2} \left(\frac{15.00}{Screen\ Length} \right) = \frac{35.00}{Pump\ Intake\ Depth}$$

Date Purged: 11-14-23 Start (24 Hour): 9:03 End (24 Hour): 9:25
 Date Sampled: 11-14-23 Start (24 Hour): 9:25 End (24 Hour): _____

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
9:05	1.25	31.60	7.23	1192	-91.2	24.3	2.02	clear	258.00
9:10	1.25	31.67	7.20	1191	-94.2	24.3	0.93	"	255.83
9:15	1.25	31.70	7.19	1189	-95.7	24.4	0.35	"	256.14
9:20	1.25	31.71	7.18	1188	-96.5	24.4	0.22	"	254.29
9:25	2.25	31.70	7.18	1186	-97.1	24.4	0.20	"	254.81

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: DUP-7

Completed By (Print Name): DAVID WEBER

Signature: *David Weber*

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: TF-20R

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{63.00}{\text{TD}} - \frac{33.40}{\text{DTW}} = \frac{29.60}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.40}{\text{DTW}} + \frac{1}{2} \left(\frac{14.80}{\text{Water Column}} \right) = \frac{48.20}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 128 End (24 Hour) 150
Date Sampled: 11-13-23 Start (24 Hour) 150 End (24 Hour) ---

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
130	1.25	33.49	7.05	804	-107.0	27.5	1.89	clear	118.46
135	1.25	33.55	7.04	804	-110.0	27.3	1.11	"	116.79
140	1.25	33.58	7.04	802	-111.6	27.4	0.29	"	117.41
145	1.25	33.60	7.03	799	-112.7	27.4	0.22	"	114.32
150	2.25	33.60	7.02	796	-113.3	27.4	0.21	"	112.29

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID lobban

Signature: [Signature]

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-21
 Well Diameter: 4"
 Date: 11-13-23

$$\frac{63.00}{\text{TD}} - \frac{35.78}{\text{DTW}} = \frac{27.22}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{25.00}{\text{Top of Screen}} = \frac{35.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.78}{\text{DTW}} + 1/2 \left(\frac{13.61}{\text{Water Column}} \right) = \frac{49.39}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 12⁵³ End (24 Hour) 1¹⁵
 Date Sampled: 11-13-23 Start (24 Hour) 1¹⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
12 ¹⁵	.25	35.90	7.21	2193	-87.2	25.7	2.76	clear	261.50
1 ⁰⁰	.25	35.96	7.18	2193	-88.9	25.7	1.19	"	262.79
1 ⁰⁵	1.25	35.98	7.17	2192	-90.1	25.7	0.43	"	265.81
1 ¹⁰	1.25	35.99	7.15	2191	-90.5	25.8	0.31	"	265.14
1 ¹⁵	2.25	36.00	7.14	2190	-90.7	25.8	0.29	"	263.88

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input type="checkbox"/>	Other: Dedicated Tubing			

Remarks: _____

Completed By (Print Name): DAVID Wobben

Signature: *David Wobben*

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: TF-23

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{50.50}{\text{TD}} - \frac{8.74}{\text{DTW}} = \frac{41.26}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{20.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{8.74}{\text{DTW}} + 1/2 \left(\frac{20.63}{\text{Water Column}} \right) = \frac{29.37}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 12¹⁸ End (24 Hour) 12⁴⁰

Date Sampled: 11-13-23 Start (24 Hour) 12⁴⁰ End (24 Hour)

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
12 ²⁰	.25	NT	7.12	1539	-7.6	25.6	3.10	clear	5.70
12 ²⁵	.25	NT	7.11	1539	-2.4	25.6	0.83	"	5.71
12 ³⁰	1.25	NT	7.11	1537	+3.8	25.5	0.33	"	5.83
12 ³⁵	1.75	NT	7.09	1536	6.7	25.5	0.25	"	5.85
12 ⁴⁰	2.25	NT	7.09	1534	6.6	25.5	0.23	"	5.98

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	Teflon Bailer
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Bailer
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID Lubban

Signature: *David Lubban*

Reviewed By: DS

Date: 12/11/23

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NOR-001/Task 2-16

Well ID: TF-24

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 11-13-23

$$\frac{63.00}{\text{TD}} - \frac{37.18}{\text{DTW}} = \frac{25.82}{\text{Water Column}}$$

$$\frac{60.00}{\text{Bottom of Screen}} - \frac{18.00}{\text{Top of Screen}} = \frac{30.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.18}{\text{DTW}} + 1/2 \left(\frac{12.91}{\text{Water Column}} \right) = \frac{50.09}{\text{Pump Intake Depth}}$$

$$\frac{25.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{17.50}{\text{Screen Length}} \right) = \frac{42.50}{\text{Pump Intake Depth}}$$

Date Purged: 11-13-23 Start (24 Hour) 7⁵³ End (24 Hour) 8¹⁵

Date Sampled: 11-13-23 Start (24 Hour) 8¹⁵ End (24 Hour) —

TIME (24 Hr)	VOLUME (gallons)	DEPTH TO WATER (feet btc)	pH (units)	E.C. (sM/cm)	ORP (mV)	TEMPERATURE (°F/°C)	D.O. (mg/L)	COLOR (visual)	TURBIDITY (visual or NTU)
7 ⁵⁵	.25	37.30	7.41	1063	91.1	22.2	4.10	lls	3.66
8 ⁰⁰	.25	37.36	7.38	1062	93.2	22.4	1.19	"	3.51
8 ⁰⁵	1.35	37.39	7.36	1060	94.5	22.4	0.33	"	3.49
8 ¹⁰	1.75	37.41	7.33	1057	95.1	22.5	0.19	"	3.55
8 ¹⁵	2.25	37.40	7.32	1055	95.5	22.5	0.18	"	3.62

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump		<input type="checkbox"/>	Vac Truck	
<input type="checkbox"/>	Submersible Pump		<input type="checkbox"/>	Disposable Pump	
<input checked="" type="checkbox"/>	Other: Low Flow Submersible Pump		<input checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks: _____

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: PS

Date: 12/11/23

BLAINE TECH FIELD DOCUMENTATION

NORWALK WELL GAUGING DATA

TECHNICIAN: E.C. / J.P.

DATE: 11-06-23

CLIENT Jacobs

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.) 1Q22	Depth to water (ft.) 2Q22	Depth to water (ft.) 3Q22	Depth to water (ft.) 4Q22	Depth to water (ft.) 2Q23	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Tir
EXP-1	4													
EXP-2	4						60.61		61.41	59.91	59.18	129.35	TOC	1031
EXP-3	4						61.71		62.62	61.81	60.19	128.48		1140
EXP-4	4						59.72		57.35	55.74	54.98	123.10		0958
EXP-5	4						61.97		62.73	61.36	60.36	114.91		0828
GMW-1	4						54.20		55.17	53.34	52.74	113.58		1110
GMW-10	4						34.36		35.01	34.95	34.96	49.73		1112
GMW-13	4					38.27	33.07	33.50	33.80	32.12	33.65	48.18		1002
GMW-14R	4						33.59		34.74	33.13	33.03	49.48		1003
GMW-22	4						34.84		36.53	34.86	35.12	52.15		1040
GMW-23	4		35.19	2.51	1.94	39.89	39.84	40.72	40.77	36.86	37.23	61.37		1207
GMW-24	4						37.50		37.52	38.03	40.00	39.42		0644
GMW-25	4						37.92		38.10	37.80	38.41	53.60		1242
GMW-26	4						34.26		34.50	33.85	35.40	48.88		1310
GMW-28	4					34.63	34.48	34.60	34.46	34.30	35.40	48.88		1215
GMW-29	4		36.59	0.05	0.08	35.53	35.25	35.26	35.04	34.47	35.88	50.07		1211
GMW-3	4						34.67		36.11	34.54	36.60	42.63		1228
GMW-30	6		39.88	0.05	0.10		34.90		34.72	35.37	34.62	49.86		1003
GMW-36	4						31.87	31.95	33.34	31.23	32.84	48.98		1241
GMW-39	4						34.37		34.12	32.21	31.00	48.61		0924
GMW-4R							34.79		35.73	35.48	31.80	49.46		0854
GMW-8	4						33.34		33.57	31.99	35.40	51.20		1025
GMW-9	5						36.82		36.96	37.16	32.11	49.53		1230
GMW-O-1	4						31.50		30.68	31.41	32.84	48.98		1033
GMW-O-10	4						33.69		33.32	34.83	33.48	49.12		0903
GMW-O-11	4				32.60	32.38	32.50		33.46	33.46	36.40	50.03		1235
GMW-O-12	4						39.16	31.90	29.60	34.10	34.76	47.76		0931
GMW-O-14	4					29.35	39.64	30.66	29.25	40.69	35.06	47.81		0940
GMW-O-16	4						32.45		33.30	31.28	35.74	49.41		1021
GMW-O-17	4						32.48		33.40	31.54	30.87	48.98		0948
											30.93	39.64		1053

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 261-1111

NORWALK WELL GAUGING DATA

TECHNICIAN: C.C. / J.P. DATE: 11-6-23

CLIENT Jacobs

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.) 1Q22	Depth to water (ft.) 2Q22	Depth to water (ft.) 3Q22	Depth to water (ft.) 4Q22	Depth to water (ft.) 2Q23	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
GMW-O-18	4						29.62		34.00	32.11	81.53	39.67	TOC	0800
GMW-O-19	4						32.28		33.43	31.37	30.87	39.20		0948
GMW-O-2	4						32.12		30.62	34.43	36.78	49.34		0953
GMW-O-20	4					32.34	32.11	32.20		33.94	34.71	36.71		0935
GMW-O-21	4					32.60	32.83	32.75	30.85	33.68	34.91	40.58		0955
GMW-O-24	4					31.15	33.38	33.88	34.21	32.62	31.95	40.60		0804
GMW-O-3	4						31.66		31.19	33.89	36.51	47.54		0946
GMW-O-4	4						31.27		31.52	32.70	31.75	47.54		1027
GMW-O-5	4						31.71		32.20	33.74	32.03	49.24		1031
GMW-O-6	4						30.94		30.30	30.60	32.03	49.04		1006
GMW-O-7	4						29.82		29.99	29.75	33.72	49.44		1016
GMW-O-8	4						30.96		29.40	34.03	29.68	49.61		0909
GMW-O-9	4						33.20		32.17	35.75	37.07	50.11		0923
GMW-SF-8	4						39.98		34.35	32.15	32.21	41.07		0848
GWR-1R	4						36.29		36.60	35.93	36.53	52.91		1234
GWR-3	6						37.21		37.43	37.34	38.50	48.66		1250
HL-2	4						36.58		36.70	36.99	37.65	39.71		1220
HL-3	4						36.70		36.82	35.84	36.35	41.63		1254
MW-12	4						35.67		36.20	34.61	34.87	51.88		1057
MW-15R							34.53		33.70	34.89	34.71	52.09		1047
MW-18 (MID)	4						39.13		39.70	39.86	39.85	65.44		1700
MW-19 (MID)	4						41.02		41.40	40.15	40.71	61.34		1238
MW-20 (MID)	4						39.36		39.53	38.81	36.49	56.44		1204
MW-21 (MID)	4						37.38		37.60	36.55	37.01	62.40		1300
MW-6	4						35.35		37.58	36.97	36.26	52.14		1159
MW-7	4						36.00		38.22	37.17	37.46	53.61		1242
MW-8	4						31.84		33.75	31.48	31.21	49.18		0839
MW-9	4						36.60		35.28	37.51	37.28	54.79		1024
MW-O-2	6					33.52	33.36	33.70	33.44	33.09	33.14	41.64		1051
MW-SF-1	6										39.30	41.63		1320

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 572-2777

NORWALK WELL GAUGING DATA

TECHNICIAN: E.P. / J.P.

DATE: 11-06-27

CLIENT Jacobs

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.) 1Q22	Depth to water (ft.) 2Q22	Depth to water (ft.) 3Q22	Depth to water (ft.) 4Q22	Depth to water (ft.) 2Q23	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
MW-SF-10	4						DRY		DRY	DRY	Dry	29.83	TIC	1329
MW-SF-11	4						38.14		38.17	38.22	40.08	42.80		1244
MW-SF-12	4						37.36		37.42	38.09	39.15	42.62		1312
MW-SF-13	4						33.52		33.12	33.00	33.90	38.59		1314
MW-SF-14	4						DRY		DRY	DRY	Dry	35.83		1125
MW-SF-15	4						37.86		38.02	38.82	39.02	43.61		1331
MW-SF-16	4						DRY		DRY	DRY	Dry	37.14		1337
MW-SF-2	4						38.17		38.24	38.17	39.63	41.18		1326
MW-SF-3	4						37.75		37.87	38.02	38.64	51.80		1338
MW-SF-4	4						38.69		38.97	39.65	39.56	40.27		1340
MW-SF-5	6						DRY		DRY	DRY	Dry	38.2		1323
MW-SF-6	6						36.47		36.45	37.30	37.54	41.10		10.67
PW-1	4						35.70		35.80	35.02	34.83	50.04		0933
PW-2	4						34.58		34.66	34.02	35.00	45.50		1202
PW-3	4						33.86		33.60	33.42	34.92	50.05		1159
PZ-10	4						DRY		DRY	DRY	Dry	27.86		1674
PZ-2	4						33.95		34.03	24.33	35.94	48.88	40.55	0900
PZ-5	4						28.99		34.02	32.19	31.64	37.68		0757
VEW-1	4						DRY		DRY	DRY	Dry	12.40		1237
VEW-2	4						DRY		DRY	DRY	Dry	28.69		1239
WCW-1	4						33.10		32.48	32.89	33.35	52.30		0851
WCW-10	4						35.36		35.62	33.82	37.68	54.34		0845
WCW-11	4						36.73		37.20	35.80	35.82	59.47		0756
WCW-12	4						37.48		37.99	37.50	36.68	59.66		0801
WCW-13	4						39.35		39.76	39.49	38.72	60.46		0809
WCW-14	4						40.29		40.61	40.67	39.74	58.60		0823
WCW-2	4						35.94		36.12	35.90	34.86	52.18		0751
WCW-3	4						36.90		37.17	37.29	36.32	50.50		0806
WCW-4	4						39.71		39.43	39.51	36.80	51.61		0817
WCW-5	4						33.72		33.74	33.21	32.95	50.17		0842

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 572 0555

NORWALK WELL GAUGING DATA

TECHNICIAN: E.C. J.P. DATE: 11-6-23 CLIENT Jacobs

085

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.) 1Q22	Depth to water (ft.) 2Q22	Depth to water (ft.) 3Q22	Depth to water (ft.) 4Q22	Depth to water (ft.) 2Q23	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
WCW-6	4						35.70		35.84	35.48	34.63	50.44	TOC	0748
WCW-7	4									37.02	-	-	↓	0743
WCW-8	4						38.03		38.27	38.37	87.53	51.48	↓	0739
WCW-9	4						38.02		37.61	37.85	37.44	-	↓	0855

**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
WCW-8		✓	✓	✓	✓	✓	✓		
WCW-7	—	✓	✓	✓	✓	✓	✓	✓	Well has roots
WCW-6		✓	✓	✓	✓	✓	✓		
WCW-2		✓	✓	✓	✓	✓	✓		
WCW-11		✓	✓	✓	✓	✓	✓		
WCW-12		✓	✓	✓	✓	✓	✓		
WCW-3		✓	✓	✓	✓	✓	✓		
WCW-13		✓	✓	✓	✓	✓	✓		
WCW-4		✓	✓	✓	✓	✓	✓		
WCW-14		✓	✓	✓	✓	✓	✓		
EXP-4		✓	✓	✓	✓	✓	✓		
WCW-9		✓	✓	✓	✓	✓	✓	✓	obs @ 38'
WCW-5		✓	✓	✓	✓	✓	✓		
WCW-10		✓	✓	✓	✓	✓	✓		
WCW-1		✓	✓	✓	✓	✓	✓		
GMW-0-1		✓	✓	✓	✓	✓	✓		
GMW-0-8		✓	✓	✓	✓	✓	✓		
GMW-0-2		✓	✓	✓	✓	✓	✓		
GMW-0-9		✓	✓	✓	✓	✓	✓		
GMW-0-11		✓	✓	✓	✓	✓	✓		
GMW-0-20		✓	✓	✓	✓	✓	✓		
GMW-0-12		✓	✓	✓	✓	✓	✓		
GMW-0-3		✓	✓	✓	✓	✓	✓		

Performed by: Jonathan Pigg

Date Performed: 11/6/2023

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)	ID CONSISTENT WITH AS-BUILT TD? (Y/N)	COMMENTS
GMW-0-21		Y	Y	Y	Y	Y	Y		
MW-0-2		Y	Y	Y	Y	Y	Y		
GMW-0-6		Y	Y	Y	Y	Y	Y		
GMW-0-7		Y	Y	Y	Y	Y	Y		
GMW-0-14		Y	Y	Y	Y	Y	Y		
GMW-0-4		Y	Y	Y	Y	Y	Y		
GMW-0-5		Y	Y	Y	Y	Y	Y		
GMW-0-17		Y	Y	Y	Y	Y	Y		
EXP-5		Y	Y	Y	Y	Y	Y		
EXP-2		Y	Y	Y	Y	Y	Y		
MW-6		Y	Y	Y	Y	Y	Y		
MW-20(mid)		Y	Y	Y	Y	Y	Y		
GMW-8		Y	Y	Y	Y	Y	Y		
MW-7		Y	Y	Y	Y	Y	Y		
MW-19(mid)		Y	Y	Y	Y	Y	Y		
HL-3		Y	Y	Y	Y	Y	Y		
MW-21(mid)		Y	Y	Y	Y	Y	Y		
PZ-2		Y	Y	Y	Y	Y	Y		
PW-1		Y	Y	Y	Y	Y	Y		
GMW-0-10		Y	Y	Y	Y	Y	Y		
PZ-10		Y	Y	Y	Y	Y	Y		
GMW-23		Y	Y	Y	Y	Y	Y		missing 3/3 bolts

Performed by: JP

Date Performed: 11/16/2023

Highlighting indicates revisions made as of the date on this procedure.

**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
PZ5	✓	✓	✓	✓	✓	✓	✓	✓	
GUM-8	✓	✓	✓	✓	✓	✓	✓	✓	
GMB-24	✓	✓	✓	✓	✓	✓	✓	✓	
EXP-1	✓	✓	✓	✓	✓	✓	✓	✓	1/2 bolts missing / 1/2 broken
Gmw-39	✓	✓	✓	✓	✓	✓	✓	✓	cap provided (u')
Gmw-57	✓	✓	✓	✓	✓	✓	✓	✓	
Gmw-58	✓	✓	✓	✓	✓	✓	✓	✓	
Mw-8	✓	✓	✓	✓	✓	✓	✓	✓	
Gmw-36	✓	✓	✓	✓	✓	✓	✓	✓	vault
Gmw-0-16	✓	✓	✓	✓	✓	✓	✓	✓	vault
Gmw-0-19	✓	✓	✓	✓	✓	✓	✓	✓	vault
EXP-2	✓	✓	✓	✓	✓	✓	✓	✓	
Gmw-13	✓	✓	✓	✓	✓	✓	✓	✓	2/2 bolts missing
Gmw-3	✓	✓	✓	✓	✓	✓	✓	✓	2/2 bolts missing
Gmw-42	✓	✓	✓	✓	✓	✓	✓	✓	
Mw-9	✓	✓	✓	✓	✓	✓	✓	✓	stand pipe
Gmw-1412	✓	✓	✓	✓	✓	✓	✓	✓	
Mw-15	✓	✓	✓	✓	✓	✓	✓	✓	2/2 missing bolts
Mw-12	✓	✓	✓	✓	✓	✓	✓	✓	stand pipe
Gmw-10	✓	✓	✓	✓	✓	✓	✓	✓	vault
Gmw-1	✓	✓	✓	✓	✓	✓	✓	✓	
Pw-2	✓	✓	✓	✓	✓	✓	✓	✓	
Pw-3	✓	✓	✓	✓	✓	✓	✓	✓	

Performed by: C-C

Date Performed: 11-6-23

**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-28	✓	✓	✓	✓	✓	✓	✓	✓	
Gmw-26	✓	✓	✓	✓	✓	✓	✓	✓	
Gmw-10	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-29	✓	✓	✓	✓	✓	✓	✓	✓	
Gmw-30	✓	✓	✓	✓	✓	✓	✓	✓	
Mw-SF-11	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-24	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-R3	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-9	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-3D	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-25	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-12	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-13	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Gmw-27	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-18	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-16	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-1	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-5	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-14	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-6	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-2	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-15	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe
Mw-SF-3	✓	✓	✓	✓	✓	✓	✓	✓	Stand pipe

Performed by: C.C.

Date Performed: 11-6-23

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>EXP-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>114.91</u>	Depth to Water: Pre: <u>60.36</u> Post: <u>60.38</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: 0727 Flow Rate: 300 mL/min Pump Depth: 113'

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
<u>0730</u>	<u>20.4</u>	<u>7.49</u>	<u>1126</u>	<u>12</u>	<u>4.66</u>	<u>77.0</u>	<u>900</u>	<u>60.36</u>
<u>0733</u>	<u>20.4</u>	<u>7.50</u>	<u>1125</u>	<u>10</u>	<u>4.61</u>	<u>74.6</u>	<u>1800</u>	<u>60.37</u>
<u>0736</u>	<u>20.4</u>	<u>7.48</u>	<u>1125</u>	<u>11</u>	<u>4.60</u>	<u>77.1</u>	<u>2700</u>	<u>60.37</u>
<u>0739</u>	<u>20.4</u>	<u>7.48</u>	<u>1125</u>	<u>6</u>	<u>4.94</u>	<u>78.0</u>	<u>3600</u>	<u>60.37</u>
<u>0742</u>	<u>20.4</u>	<u>7.48</u>	<u>1124</u>	<u>6</u>	<u>4.95</u>	<u>78.9</u>	<u>4500</u>	<u>60.38</u>
<u>0745</u>	<u>20.4</u>	<u>7.49</u>	<u>1125</u>	<u>6</u>	<u>4.90</u>	<u>78.5</u>	<u>5400</u>	<u>60.38</u>

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>5400 mL</u>
Sampling Time: <u>0750</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>EXP-4</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See coc</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>EXP-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>113.58</u>	Depth to Water: Pre: <u>52.74</u> Post: <u>52.74</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: 1038 Flow Rate: 200 ml/min Pump Depth: 108'

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
1041	24.2	7.51	1171	5	2.49	93.6	600	52.74
1044	23.6	7.50	1149	4	1.69	90.4	1200	52.74
1047	23.7	7.50	1104	4	1.68	91.1	1800	52.74
1050	23.7	7.49	1084	5	1.79	91.6	2400	52.74
1053	23.7	7.49	1079	5	1.80	91.4	3000	52.74
1056	23.7	7.49	1081	5	1.81	91.4	3600	52.74

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1100</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>EXP-5</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other</u> <u>Sec Col</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>23106-CC</u>	Client: <u>Jacobs / KMEPA @ Norwalk</u>
Sampler: <u>CC</u>	Start Date: <u>11-8-25</u>
Well I.D.: <u>Amw-1</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>49.33</u>	Depth to Water: Pre: <u>34.96</u> Post: <u>35.00</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: 1351 Flow Rate: 200 ml/min Pump Depth: 44'

Time	Temp. (<u>C</u> 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
1354	25.7	6.94	1714	10	0.87	181.6	600	34.97
1357	25.9	6.94	1726	9	0.55	182.3	1200	34.98
1400	25.6	6.94	1730	8	0.46	181.2	1800	34.99
1403	25.6	6.94	1733	8	0.45	180.6	2400	35.00
1406	25.5	6.94	1733	7	0.45	180.0	3000	35.00

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3000 ml</u>
Sampling Time: <u>1407</u>	Sampling Date: <u>11-8-25</u>
Sample I.D.: <u>Amw-1</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u> </u>
Equipment Blank I.D.: <u>EB-3</u> @ Time <u>1420</u>	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>23116-CC1</u>	Client: <u>Jacobs / KMEP-Norwalk</u>
Sampler: <u>CC</u>	Start Date: <u>11-8-23</u>
Well I.D.: <u>GMW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>49.56</u>	Depth to Water: Pre: <u>34.62</u> Post: <u>34.65</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVO</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: 0905 Flow Rate: 200ml/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. or ml)	Depth to water
0908	22.6	7.28	1369	8	0.86	186.4	600	34.63
0911	22.5	7.27	1381	7	0.70	186.8	1200	34.64
0914	22.6	7.27	1383	7	0.63	186.9	1800	34.65
0917	22.6	7.26	1382	7	0.59	186.9	2400	34.65
0920	22.5	7.26	1382	7	0.56	187.0	3000	34.65

Did well dewater? Yes No Amount actually evacuated: 3000ml

Sampling Time: 0921 Sampling Date: 11-8-23

Sample I.D.: GMW-3 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: see COC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Newark, NJ
Sampler: C.C.	Start Date: 11-8-23
Well I.D.: GMW-142	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.20	Depth to Water: Pre: 35.40 Post: 35.43
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: 1314 Flow Rate: 200 ml/min Pump Depth: 46'

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
1317	30.2	7.17	1154	13	0.59	177.5	600	35.41
1320	30.5	7.15	1152	11	0.40	169.7	1200	35.42
1323	30.5	7.15	1152	10	0.34	165.9	1800	35.43
1326	30.4	7.15	1151	9	0.28	164.3	2400	35.43
1329	30.4	7.14	1151	9	0.29	163.4	3000	35.43

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3000 ml
Sampling Time: 1330	Sampling Date: 11-8-23
Sample I.D.: GMW-142	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see C.C.
Equipment Blank I.D.: @ _____	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>49.53</u>	Depth to Water: Pre: <u>32.41</u> Post: <u>32.43</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: 0730 Flow Rate: 200 mL/min Pump Depth: 47'

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
0733	19.1	7.07	510	21	0.64	7.4	600	32.41
0736	19.1	7.10	500	19	0.56	-4.8	1200	32.42
0739	19.2	7.20	511	16	0.44	-39.8	1800	32.42
0742	19.2	7.21	510	19	0.46	-46.4	2400	32.42
0745	19.2	7.21	519	20	0.45	-43.9	3000	32.43
0748	19.2	7.21	516	20	0.46	-44.2	3600	32.43

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0750</u>	Sampling Date: <u>11/10/2023</u>
Sample I.D.: <u>GMW-8</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See loc</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: KMEP
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-9</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>48.98</u>	Depth to Water: Pre: <u>37.84</u> Post: <u>37.88</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: 1224 Flow Rate: 200 mL/min Pump Depth: 48'

Time	Temp. (<u>C</u> 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
1227	26.4	7.31	2840	21	1.61	136.8	600	37.84
1230	26.3	7.26	2681	20	1.69	136.4	1200	37.85
1233	26.2	7.28	2670	16	2.09	136.3	1800	37.86
1236	26.2	7.29	2660	14	2.19	135.9	2400	37.86
1239	26.2	7.30	2666	13	2.20	138.6	3000	37.88
1242	26.2	7.30	2669	14	2.19	139.4	3600	37.88

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1245</u>	Sampling Date: <u>11/10/2023</u>
Sample I.D.: <u>GMW-9</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>FPHg TPHfp VOC's MTBE</u>	Other: <u>See 101</u>
Equipment Blank I.D.: <u>EB-8 @ 1305</u> <small>Time</small>	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106 CCI	Client: Jacobs KMEP @ Norwalk
Sampler: CC	Start Date: 11-9-23
Well I.D.: GMLW-10	Well Diameter: 2 3 4 6 8
Total Well Depth: 48.18	Depth to Water: Pre: 33.65 Post: 33.68
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: 0736 Flow Rate: 200 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
0739	22.9	6.72	671	16	3.23	182.3	600	33.68
0742	23.5	6.70	664	13	2.79	182.2	1200	33.68
0745	23.5	6.68	662	12	2.52	182.5	1800	33.68
0748	23.6	6.68	660	11	2.43	182.7	2400	33.68
0751	23.6	6.68	660	10	2.45	182.6	3000	33.68

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3000 mL
Sampling Time: 0752	Sampling Date: 11-9-23
Sample I.D.: GMLW-10	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See CO.C
Equipment Blank I.D.: — @ Time —	Duplicate I.D.: Dup-3 @ —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CCI	Client: Jacobs / KMEP - Norwalk
Sampler: CC	Start Date: 11-8-23
Well I.D.: GMW-13	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.48	Depth to Water: Pre: 33.03 Post: 33.07
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump
 Sampling Method: Dedicated Tubing
 Start Purge Time: 0817 Flow Rate: 200ml/min Pump Depth: 44'

Peristaltic Pump
New Tubing
Bladder Pump
Other

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
0820	21.4	7.44	586	9	1.28	178.4	600	33.04
0823	21.6	7.45	590	7	0.97	181.1	1200	33.05
0826	21.7	7.46	591	6	0.98	181.1	1800	33.06
0829	21.7	7.43	591	5	0.95	181.6	2400	33.07
0832	21.7	7.41	540	5	0.92	181.0	3000	33.07

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000ml
Sampling Time: 0833	Sampling Date: 11-8-23
Sample I.D.: GMW-13	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 #: <u>221106-CC1</u>	Client: <u>Jacobs / KMEP@ Norwalk</u>
Sampler: <u>CC</u>	Start Date: <u>11-8-23</u>
Well I.D.: <u>GMW-14R</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>52.18</u>	Depth to Water: Pre: <u>35.12</u> Post: <u>35.15</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> 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: 1136 Flow Rate: 200 ml/min Pump Depth: 47'

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
1139	23.6	7.22	1122	7	1.12	184.3	600	35.13
1142	23.6	7.17	1132	6	0.86	185.2	1200	35.14
1145	23.7	7.16	1132	5	0.82	185.5	1800	35.15
1148	23.7	7.16	1132	4	0.82	185.7	2400	35.15
1151	23.6	7.15	1132	4	0.81	185.5	3000	35.15

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3000.1</u>
Sampling Time: <u>1152</u>	Sampling Date: <u>11-8-23</u>
Sample I.D.: <u>GMW-14R</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.: <u>@</u> Time <u>—</u>	Duplicate I.D.: <u>—</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-cc1	Client: Jacobs / KMEP @ Newark
Sampler: C.C	Start Date: 11-06-23
Well I.D.: AMW-23	Well Diameter: 2 3 ④ 6 8
Total Well Depth: —	Depth to Water: Pre: 37.70 Post: —
Depth to Free Product: 35.19	Thickness of Free Product (feet): 2.51
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: _____ Flow Rate: _____ Pump Depth: _____

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
<div style="display: flex; justify-content: space-between;"> SPH Detected </div> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> No Sample taken </div>								

Did well dewater? Yes No	Amount actually evacuated: _____
Sampling Time: _____	Sampling Date: _____
Sample I.D.: _____	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-25</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>53.60</u>	Depth to Water: Pre: <u>38.41</u> Post: <u>38.45</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: 1141 Flow Rate: 200 mL/min Pump Depth: 51'

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
1144	24.5	7.18	3196	9	1.31	63.6	600	38.41
1147	24.5	7.16	3204	9	1.69	49.8	1200	38.42
1150	24.6	7.26	3203	7	2.49	36.9	1800	38.42
1153	24.5	7.27	3209	8	2.54	34.6	2400	38.42
1156	24.5	7.26	3216	8	2.56	34.3	3000	38.44
1159	24.5	7.26	3208	8	2.55	35.9	3600	38.45

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1200</u>	Sampling Date: <u>11/10/2023</u>
Sample I.D.: <u>GMW-25</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See cal</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs KMEP @ Newark
Sampler: CC	Start Date: 11-9-23
Well I.D.: GMW-26	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 48-88	Depth to Water: Pre: 35.40 Post: 35.42
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: 10:23 Flow Rate: 200 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
1026	22.3	6.86	3221	36	0.64	185.6	600	35.41
1029	22.4	6.85	3249	33	0.34	186.2	1200	35.42
1032	22.4	6.85	3251	31	0.42	185.3	1800	35.42
1035	22.4	6.85	3249	30	0.37	184.7	2400	35.42
1038	22.4	6.85	3250	30	0.32	185.0	3000	35.42

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3000.41
Sampling Time: 1039	Sampling Date: 11-9-23
Sample I.D.: GMW-26	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see C.V.-5
Equipment Blank I.D.: @ Time —	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>2J1100-CC1</u>	Client: <u>JACOBS / KMEP @ Newark</u>
Sampler: <u>CC</u>	Start Date: <u>11-9-23</u>
Well I.D.: <u>GMW-28</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>50.07</u>	Depth to Water: Pre: <u>35.98</u> Post: <u>36.01</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: 1102 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
1105	23.1	7.01	2760	12	1.22	186.7	600	35.99
1108	23.5	6.99	2767	10	0.85	187.0	1200	36.00
1111	23.5	6.98	2765	9	0.86	186.7	1800	36.01
1114	23.5	6.98	2766	8	0.85	188.0	2400	36.01
1117	23.5	6.98	2763	8	0.83	187.1	3000	36.01

Did well dewater? Yes No Amount actually evacuated: 3000 mL

Sampling Time: 1118 Sampling Date: 11-9-23

Sample I.D.: GMW-28 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See GOC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Newark
Sampler: CC	Start Date: 11.9.25
Well I.D.: G.M.W. 29	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 42.63	Depth to Water: Pre: 76.64 Post: —
Depth to Free Product: 36.59	Thickness of Free Product (feet): 0.05 0.05
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: _____ Flow Rate: _____ Pump Depth: _____

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
SPIT								
No Sample								
Taken								

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.:	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Newark
Sampler: C-C	Start Date: 11-9-23
Well I.D.: 4" = 30	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: —	Depth to Water: Pre: 39.94 Post: —
Depth to Free Product: 39.88	Thickness of Free Product (feet): 0.05
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: _____ Flow Rate: _____ Pump Depth: _____

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
No Sample =								
SPIT Detected								

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP-Norwalk
Sampler: C.C	Start Date: 11-7-23
Well I.D.: GMW-36	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 48.61	Depth to Water: Pre: 31.00 Post: 31.03
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: 12:40 Flow Rate: 200 ml/min Pump Depth: 431

Time	Temp. (<u>C</u> 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
1243	26.1	6.82	2144	12	0.52	183.9	600	31.01
1246	25.9	6.83	2151	10	0.44	185.6	1200	31.02
1249	26.1	6.82	2150	10	0.41	187.4	1800	31.03
1252	26.1	6.87	2150	9	0.40	182.9	2400	31.03
1255	26.0	6.81	2148	8	0.40	183.1	3000	31.03

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000 ml
Sampling Time: 1256	Sampling Date: 11-7-23
Sample I.D.: GMW-36	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See Co.C
Equipment Blank I.D.: @ _____	Duplicate I.D.: ✓

LOW FLOW WELL MONITORING DATA SHEET

Project #: 281106-CC1	Client: Jacobs KMEP Norwalk
Sampler: CC	Start Date: 11-7-23
Well I.D.: Gmw-39	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.46	Depth to Water: Pre: 31.80 Post: 31.83
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: 1326 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
1326	23.1	7.09	1003	11	0.65	181.7	1000	31.81
1329	23.1	7.08	975	9	0.53	181.2	1200	31.82
1332	23.1	7.07	968	8	0.46	180.9	1800	31.82
1335	23.1	7.07	959	7	0.44	180.6	2400	31.83
1338	23.1	7.06	956	7	0.43	180.1	3000	31.83

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3000 mL
Sampling Time: 1329	Sampling Date: 11-7-23
Sample I.D.: Gmw-39	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

Project #: <u>231106-CC1</u>	Client: KMEP
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-1</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: <u>49.13</u>	Depth to Water: Pre: <u>33.48</u> Post: <u>33.50</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: 0834 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 mL)	Depth to water
<u>0837</u>	<u>21.4</u>	<u>6.87</u>	<u>2844</u>	<u>6</u>	<u>1.89</u>	<u>79.4</u>	<u>600</u>	<u>33.48</u>
<u>0840</u>	<u>21.4</u>	<u>6.96</u>	<u>2864</u>	<u>5</u>	<u>1.04</u>	<u>74.1</u>	<u>1200</u>	<u>33.48</u>
<u>0843</u>	<u>21.4</u>	<u>7.08</u>	<u>2861</u>	<u>8</u>	<u>1.13</u>	<u>67.8</u>	<u>1800</u>	<u>33.48</u>
<u>0846</u>	<u>21.4</u>	<u>7.09</u>	<u>2856</u>	<u>6</u>	<u>1.16</u>	<u>67.6</u>	<u>2400</u>	<u>33.49</u>
<u>0849</u>	<u>21.5</u>	<u>7.09</u>	<u>2861</u>	<u>5</u>	<u>1.18</u>	<u>66.4</u>	<u>3000</u>	<u>33.49</u>
<u>0852</u>	<u>21.5</u>	<u>7.09</u>	<u>2866</u>	<u>5</u>	<u>1.18</u>	<u>66.0</u>	<u>3600</u>	<u>33.50</u>
<u>0855</u>	<u>21.5</u>	<u>7.09</u>	<u>2869</u>	<u>5</u>	<u>1.16</u>	<u>65.9</u>	<u>4200</u>	<u>33.50</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>4200 mL</u>
Sampling Time: <u>0900</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>GMW-0-1</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See LOC</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: KMEP
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>49.34</u>	Depth to Water: Pre: <u>36.78</u> Post: <u>36.80</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>RVC</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: 0914 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
<u>0917</u>	<u>22.0</u>	<u>7.42</u>	<u>2093</u>	<u>13</u>	<u>3.09</u>	<u>63.0</u>	<u>600</u>	<u>36.78</u>
<u>0920</u>	<u>22.1</u>	<u>7.39</u>	<u>2084</u>	<u>10</u>	<u>2.44</u>	<u>64.9</u>	<u>1200</u>	<u>36.78</u>
<u>0923</u>	<u>22.0</u>	<u>7.39</u>	<u>2081</u>	<u>9</u>	<u>2.61</u>	<u>66.4</u>	<u>1800</u>	<u>36.79</u>
<u>0926</u>	<u>22.1</u>	<u>7.39</u>	<u>2086</u>	<u>8</u>	<u>2.67</u>	<u>67.6</u>	<u>2400</u>	<u>36.79</u>
<u>0929</u>	<u>22.1</u>	<u>7.38</u>	<u>2086</u>	<u>8</u>	<u>2.64</u>	<u>68.0</u>	<u>3000</u>	<u>36.79</u>
<u>0932</u>	<u>22.1</u>	<u>7.38</u>	<u>2084</u>	<u>8</u>	<u>2.63</u>	<u>68.9</u>	<u>3600</u>	<u>36.80</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0935</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>GMW-0-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See col</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-3</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>47.54</u>	Depth to Water: Pre: <u>36.51</u> Post: <u>36.53</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: 0951 Flow Rate: 200 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
<u>0954</u>	<u>23.5</u>	<u>7.39</u>	<u>2393</u>	<u>14</u>	<u>3.79</u>	<u>72.8</u>	<u>600</u>	<u>36.51</u>
<u>0957</u>	<u>23.9</u>	<u>7.43</u>	<u>2423</u>	<u>16</u>	<u>4.54</u>	<u>75.0</u>	<u>1200</u>	<u>36.51</u>
<u>1000</u>	<u>24.0</u>	<u>7.48</u>	<u>2444</u>	<u>13</u>	<u>4.69</u>	<u>77.3</u>	<u>1800</u>	<u>36.52</u>
<u>1003</u>	<u>24.0</u>	<u>7.48</u>	<u>2444</u>	<u>14</u>	<u>4.76</u>	<u>78.6</u>	<u>2400</u>	<u>36.52</u>
<u>1006</u>	<u>24.0</u>	<u>7.48</u>	<u>2445</u>	<u>13</u>	<u>4.78</u>	<u>78.4</u>	<u>3000</u>	<u>36.53</u>
<u>1009</u>	<u>24.0</u>	<u>7.48</u>	<u>2449</u>	<u>13</u>	<u>4.75</u>	<u>79.1</u>	<u>3600</u>	<u>36.53</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1010</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>GMW-0-3</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other</u> <u>See coc</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>44.24</u> 47.54	Depth to Water: Pre: <u>31.75</u> Post: <u>31.78</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: 1335 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
1338	23.0	7.40	2458	3	1.36	38.4	600	31.75
1341	23.0	7.42	2438	2	1.54	37.1	1200	31.76
1344	23.1	7.43	2423	2	1.58	37.9	1800	31.76
1347	23.1	7.42	2409	3	1.66	38.0	2400	31.77
1350	23.2	7.43	2406	3	1.68	39.1	3000	31.77
1353	23.2	7.42	2400	3	1.68	40.6	3600	31.78

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1355</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>GMW-0-4</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: see col</u>
Equipment Blank I.D.: <u>EB-4</u> @ Time <u>1430</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.00</u> <u>49.24</u>	Depth to Water: Pre: <u>32.03</u> Post: <u>32.04</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: 0855 Flow Rate: 200ml/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
<u>0858</u>	<u>21.8</u>	<u>7.54</u>	<u>1649</u>	<u>4</u>	<u>1.08</u>	<u>81.0</u>	<u>600</u>	<u>32.03</u>
<u>0901</u>	<u>22.0</u>	<u>7.54</u>	<u>1654</u>	<u>3</u>	<u>0.46</u>	<u>78.3</u>	<u>1200</u>	<u>32.03</u>
<u>0904</u>	<u>22.2</u>	<u>7.55</u>	<u>1651</u>	<u>2</u>	<u>0.34</u>	<u>77.0</u>	<u>1800</u>	<u>32.04</u>
<u>0907</u>	<u>22.2</u>	<u>7.54</u>	<u>1650</u>	<u>2</u>	<u>0.36</u>	<u>76.6</u>	<u>2400</u>	<u>32.04</u>
<u>0910</u>	<u>22.2</u>	<u>7.54</u>	<u>1649</u>	<u>2</u>	<u>0.36</u>	<u>76.4</u>	<u>3000</u>	<u>32.04</u>
<u>0913</u>	<u>22.2</u>	<u>7.54</u>	<u>1646</u>	<u>2</u>	<u>0.37</u>	<u>76.1</u>	<u>3600</u>	<u>32.04</u>

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>0915</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>GMW-0-5</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See ccc</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>Jacobs</u> KMEP @ Newark
Sampler: <u>C-C</u>	Start Date: <u>11-10-27</u>
Well I.D.: <u>GMW-0-9</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>80.11</u>	Depth to Water: Pre: <u>37.03</u> Post: <u>37.06</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: 1212 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
1215	22.3	7.17	2154	13	3.32	183.6	600	37.04
1218	22.4	7.18	2163	12	2.83	180.5	1400	37.05
1221	22.4	7.18	2160	10	2.73	177.9	1800	37.06
1224	22.5	7.19	2162	9	2.69	176.8	2800	37.06
1227	22.5	7.19	2163	9	2.66	175.3	3000	37.06

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: <u>3000 ml</u>
Sampling Time: <u>1228</u>	Sampling Date: <u>11-10-27</u>
Sample I.D.: <u>GMW-0-9</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>see C-02</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs KMEP @ Newark
Sampler: C.C	Start Date: 11-10-23
Well I.D.: GMW-0-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.03	Depth to Water: Pre: 36.40 Post: 36.43
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: 1236 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
1239	24.5	7.25	2710	11	3.30	182.6	600	36.41
1242	24.7	7.24	2719	10	2.89	185.1	1200	36.42
1245	24.7	7.23	2720	9	2.76	184.6	1800	36.43
1248	24.8	7.23	2720	8	2.79	185.0	2400	36.43
1251	24.7	7.22	2722	8	2.79	182.3	3000	36.43

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3000ml</u>
Sampling Time: <u>1252</u>	Sampling Date: <u>11-10-23</u>
Sample I.D.: <u>GMW-0-10</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>SEC C.d.</u>
Equipment Blank I.D.: <u>047</u> @ Time <u>1500</u>	Duplicate I.D.: <u>—</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CCI</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-11</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>47.76</u>	Depth to Water: Pre: <u>34.76</u> Post: <u>34.78</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: 1052 Flow Rate: 200mL/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
1055	26.6	7.05	2546	12	1.49	39.4	600	34.76
1058	26.8	6.98	2591	9	0.69	31.9	1200	34.76
1101	27.0	6.98	2611	8	0.39	29.6	1800	34.77
1104	27.0	6.97	2616	9	0.29	24.3	2400	34.77
1107	27.0	6.96	2614	9	0.28	26.0	3000	34.78
1110	27.0	6.96	2624	9	0.28	25.4	3600	34.78

Did well dewater? Yes No Amount actually evacuated: 3600mL

Sampling Time: 1115 Sampling Date: 11/8/2023

Sample I.D.: GMW-0-11 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: Sec col

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CCI</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-12</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>47.91</u>	Depth to Water: Pre: <u>35.06</u> Post: <u>35.07</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: 1226 Flow Rate: 200 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. or mL)	Depth to water
1229	25.5	7.90	3601	16	0.69	-165.9	600	35.06
1232	25.6	7.84	3600	14	0.31	-180.6	1200	35.06
1235	25.5	6.94	3604	14	0.21	-136.4	1800	35.07
1238	25.5	6.94	3616	15	0.20	-140.8	2400	35.07
1241	25.6	6.93	3606	15	0.21	-146.1	3000	35.07
1244	25.5	6.93	3610	14	0.21	-148.8	3600	35.07

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>1245</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>GMW-0-12</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See coc</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-14</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.41</u>	Depth to Water: Pre: <u>35.74</u> Post: <u>35.75</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: 1134 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
1137	23.4	7.51	2624	48	3.24	89.3	600	35.74
1140	23.5	7.51	2618	36	3.03	90.1	1200	35.74
1143	23.6	7.51	2614	19	2.90	90.6	1800	35.75
1146	23.6	7.51	2644	21	2.46	90.4	2400	35.75
1149	23.6	7.51	2629	20	2.44	90.4	3000	35.75
1152	23.6	7.51	2636	21	2.45	90.6	3600	35.75

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>1155</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>GMW-0-14</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See ca</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: <u>DUP-4@-:-</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231006-001	Client: Jacobs / KMEP Norwalk
Sampler: CC	Start Date: 11-7-23
Well I.D.: Gmw-0-16	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 48.98	Depth to Water: Pre: 30.87 Post: 30.90
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>CPVC</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: 1:16 Flow Rate: 200 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
1119	23.8	6.95	1829	12	1.56	178.3	600	30.88
1122	27.7	6.92	1846	11	0.88	178.2	1200	30.89
1125	23.7	6.92	1843	10	0.79	177.8	1800	30.90
1128	23.7	6.92	1844	9	0.77	177.3	2400	30.90
1131	23.6	6.92	1844	9	0.69	176.9	3000	30.90

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000
Sampling Time: 1132	Sampling Date: 11-7-23
Sample I.D.: Gmw-0-16	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See conc
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-17</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>39.64</u>	Depth to Water: Pre: <u>30.93</u> Post: <u>30.96</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: 0945 Flow Rate: 200 mL/min Pump Depth: 37'

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
<u>0948</u>	<u>22.3</u>	<u>7.57</u>	<u>2146</u>	<u>12</u>	<u>4.43</u>	<u>88.1</u>	<u>600</u>	<u>30.93</u>
<u>0951</u>	<u>22.4</u>	<u>7.56</u>	<u>2176</u>	<u>9</u>	<u>3.64</u>	<u>89.9</u>	<u>1200</u>	<u>30.93</u>
<u>0954</u>	<u>22.4</u>	<u>7.56</u>	<u>2194</u>	<u>10</u>	<u>3.94</u>	<u>90.6</u>	<u>1800</u>	<u>30.94</u>
<u>0957</u>	<u>22.5</u>	<u>7.56</u>	<u>2200</u>	<u>11</u>	<u>3.90</u>	<u>90.8</u>	<u>2400</u>	<u>30.94</u>
<u>1000</u>	<u>22.6</u>	<u>7.57</u>	<u>2210</u>	<u>11</u>	<u>3.92</u>	<u>92.1</u>	<u>3000</u>	<u>30.94</u>
<u>1003</u>	<u>22.6</u>	<u>7.57</u>	<u>2213</u>	<u>10</u>	<u>3.93</u>	<u>92.6</u>	<u>3600</u>	<u>30.96</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1005</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>GMW-0-17</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See coc</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP - Newark
Sampler: C.C	Start Date: 11-7-27
Well I.D.: GMW-0.18	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 39.67	Depth to Water: Pre: 31.53 Post: 31.56
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: 0828 Flow Rate: 200 ml/min Pump Depth: 37'

Time	Temp. (<u>C</u> or <u>F</u>)	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
0831	20.6	7.02	241.9	11	1.58	-30.3	600	31.54
0832	20.7	7.04	247.3	8	1.27	-39.3	1200	31.55
0837	20.8	7.00	249.4	6	1.21	-40.1	1800	31.56
0840	20.8	7.00	251.3	7	1.17	-38.6	2400	31.56
0843	20.8	7.00	250.1	7	1.15	-36.8	3000	31.56

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000ml
Sampling Time: 0844	Sampling Date: 11-7-27
Sample I.D.: GMW-0.18	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see C.C.C
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP Norwalk
Sampler: CC	Start Date: 11-7-23
Well I.D.: Gmw-0-19	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 39.20	Depth to Water: Pre: 31.53 Post: 31.55
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: 1025 Flow Rate: 200 ml/min Pump Depth: 36'

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
1028	21.8	7.44	1594	13	1.72	164.4	600	31.54
1031	21.9	7.45	1589	12	2.70	164.5	1200	31.55
1034	21.9	7.46	1588	10	2.68	164.7	1800	31.55
1037	21.9	7.48	1587	10	2.69	165.0	2400	31.55
1040	21.9	7.48	1588	10	2.71	165.1	3000	31.55

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000 ml
Sampling Time: 1041	Sampling Date: 11-7-23
Sample I.D.: Gmw-0-19	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 #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-20</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>36.74</u>	Depth to Water: Pre: <u>34.71</u> Post: <u>34.73</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: 1140 Flow Rate: 100 ml/min Pump Depth: 35'

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
1143	30.6	7.81	3184	16	0.94	-106.4	300	34.71
1146	31.6	7.80	3264	13	0.44	-126.9	600	34.71
1149	32.0	7.79	3292	14	0.24	-123.6	900	34.71
1152	31.6	7.79	3278	13	0.23	-126.4	1200	34.72
1155	31.5	7.78	3268	13	0.23	-127.9	1500	34.72
1158	31.6	7.78	3261	13	0.24	-128.3	1800	34.73

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>1800ml</u>
Sampling Time: <u>1200</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>GMW-0-20</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See coc</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>GMW-0-21</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>40.58</u>	Depth to Water: Pre: <u>34.41</u> Post: <u>34.44</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: 1743 Flow Rate: 200 ml/min Pump Depth: 37'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
1246	28.6	7.71	2099	17	3.61	43.8	600	34.41
1249	28.9	7.64	2069	19	2.44	46.9	1200	34.42
1252	28.6	7.61	2068	21	1.99	59.8	1800	34.42
1255	28.7	7.60	2064	16	1.06	76.4	2400	34.43
1258	28.7	7.60	2062	17	1.04	79.8	3000	34.43
1301	28.7	7.60	2060	16	1.04	81.3	3600	34.44

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>1305</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>GMW-0-21</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See COC</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-101	Client: Jacobs - KMEP - Newark
Sampler: C.C	Start Date: 11-7-27
Well I.D.: GMW-0-24	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 40-60	Depth to Water: Pre: 31.95 Post: 31.98
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>FVC</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: 0933 Flow Rate: 200 ml/minute Pump Depth: 36'

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
0936	19.4	7.08	2619	14	1.94	142.5	600	31.96
0939	19.6	7.07	2653	12	1.29	142.6	1200	31.97
0942	19.6	7.07	2655	12	1.28	140.4	1800	31.98
0945	19.6	7.06	2655	11	1.29	139.1	2400	31.98
0948	19.6	7.06	2656	10	1.29	138.3	3000	31.98

Did well dewater? Yes No Amount actually evacuated: 9000 ml

Sampling Time: 0949 Sampling Date: 11-7-27

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

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

Equipment Blank I.D.: — @ Time — Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 281106-CC1	Client: Jacobs / KMEP - Newark
Sampler: C.C	Start Date: 11-8-23
Well I.D.: GMW-SF-8	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 41.07	Depth to Water: Pre: 32-21 Post: 32-24
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: 0738 Flow Rate: 200 ml/min Pump Depth: 36'

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
0741	21.0	7.65	620	7	4.75	180.0	600	32-22
0744	21.3	7.63	620	6	4.33	180.4	1200	32-22
0747	21.3	7.63	619	5	4.01	180.1	1800	32-24
0750	21.3	7.61	620	4	4.07	180.2	2400	32-24
0753	21.3	7.61	620	4	4.00	179.9	3000	32-24

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3000 mL
Sampling Time: 0754	Sampling Date: 11-8-23
Sample I.D.: GMW-SF-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: see COC
Equipment Blank I.D.: — @ Time —	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Norwalk
Sampler: CC	Start Date: 11-9-23
Well I.D.: AWR-1R GWR-1R	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.91	Depth to Water: Pre: 26.53 Post: 36.55
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: 1251 Flow Rate: 200 ml/min Pump Depth: 47'

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
1254	24.1	6.99	2232	9	0.68	178.5	600	36.54
1257	24.2	7.00	2245	8	0.48	171.2	1200	36.55
1300	24.1	6.99	2251	7	0.43	167.4	1800	36.55
1303	24.1	6.99	2255	6	0.40	165.3	2400	36.55
1306	24.1	6.99	2255	6	0.40	165.0	3000	36.55

Did well dewater? Yes No Amount actually evacuated: 9000 mL

Sampling Time: 1307 Sampling Date: 11-9-23

Sample I.D.: ~~AWR-1R~~ GWR-1R Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See c.w.c

Equipment Blank I.D.: @ _____ Duplicate I.D.: DWP-5 @ —

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>28106-CC1</u>	Client: <u>Jacobs / KMEP @ Norwalk</u>
Sampler: <u>CC</u>	Start Date: <u>11-9-23</u>
Well I.D.: <u>AL2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>39.71</u>	Depth to Water: Pre: <u>37.65</u> Post: _____
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: _____ Flow Rate: 100 ml/min Pump Depth: 39'

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
INS H2O								
NO SAMPLE								

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: _____
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Newark
Sampler: C-C	Start Date: 11-9-23
Well I.D.: HL3	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 41.62	Depth to Water: Pre: 36.35 Post: 36.36
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: 1323 Flow Rate: 100 ml/min Pump Depth: 40'

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
1326	23.0	7.09	1563	8	0.74	170.6	300	36.35
1329	22.9	7.08	1550	7	0.57	162.9	600	36.36
1332	23.0	7.07	1547	7	0.51	158.3	900	36.36
1335	22.9	7.06	1544	6	0.48	155.5	1200	36.36
1338	22.9	7.06	1546	5	0.49	153.2	1500	36.36

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 1500
Sampling Time: 1339	Sampling Date: 11-9-23
Sample I.D.: HL3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See CO.C
Equipment Blank I.D.: @	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>MW-6</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>52.14</u>	Depth to Water: Pre: <u>36.26</u> Post: <u>36.28</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: 0807 Flow Rate: 200ml/min Pump Depth: 47'

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
<u>0805</u>	<u>21.9</u>	<u>7.26</u>	<u>1229</u>	<u>24</u>	<u>1.08</u>	<u>39.9</u>	<u>600</u>	<u>36.26</u>
<u>0808</u>	<u>22.0</u>	<u>7.26</u>	<u>1218</u>	<u>21</u>	<u>1.16</u>	<u>46.3</u>	<u>1200</u>	<u>36.26</u>
<u>0811</u>	<u>21.9</u>	<u>7.26</u>	<u>1210</u>	<u>16</u>	<u>1.39</u>	<u>56.8</u>	<u>1800</u>	<u>36.27</u>
<u>0814</u>	<u>21.9</u>	<u>7.24</u>	<u>1204</u>	<u>17</u>	<u>1.44</u>	<u>60.9</u>	<u>2400</u>	<u>36.27</u>
<u>0817</u>	<u>21.9</u>	<u>7.25</u>	<u>1210</u>	<u>17</u>	<u>1.46</u>	<u>62.6</u>	<u>3000</u>	<u>36.28</u>
<u>0820</u>	<u>21.9</u>	<u>7.25</u>	<u>1214</u>	<u>16</u>	<u>1.46</u>	<u>63.4</u>	<u>3600</u>	<u>36.28</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>0825</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>MW-6</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See coc</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>53.61</u>	Depth to Water: Pre: <u>37.46</u> Post: <u>37.49</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: 0854 Flow Rate: 200 mL/min Pump Depth: 52'

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
0857	21.8	7.23	3954	606	0.74	10.6	600	37.46
0900	21.8	7.24	3984	519	0.46	-19.3	1200	37.46
0903	21.8	7.24	3933	442	0.24	-29.0	1800	37.46
0906	21.8	7.24	3924	409	0.19	-26.8	2400	37.47
0909	21.9	7.24	3884	461	0.24	-27.1	3000	37.48
0912	21.9	7.24	3886	480	0.25	-23.6	3600	37.48
0915	21.9	7.24	3840	486	0.25	-22.4	4200	37.49
0918	21.9	7.24	3832	474	0.25	-21.9	4800	37.49

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>4800 mL</u>
Sampling Time: <u>0920</u>	Sampling Date: <u>11/10/2023</u>
Sample I.D.: <u>MW-7</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See col</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CCI	Client: Jacobs / KMEP Newark
Sampler: OC	Start Date: 11-7-23
Well I.D.: MW-8	Well Diameter: 2 3" <u>4</u> 6 8
Total Well Depth: 49.18	Depth to Water: Pre: 31.22 Post: 31.21
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>PYC</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: 13:19 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
1352	24.0	7.08	815	8	0.29	181.4	600	31.22
1355	24.0	7.09	808	6	0.49	180.1	1200	31.23
1358	24.0	7.09	806	5	0.42	180.0	1800	31.24
1401	24.0	7.09	806	5	0.40	180.0	2400	31.24
1404	24.0	7.09	806	5	0.40	179.8	3000	31.24

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3000 mL
Sampling Time: 1405	Sampling Date: 11-7-23
Sample I.D.: MW-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.C
Equipment Blank I.D.: EP-1 @ Time 1415	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CCI	Client: Jacobs / KMEP- Norwalk
Sampler: CC	Start Date: 11-8-23
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 54.79	Depth to Water: Pre: 37.18 Post: 37.21
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: 0944 Flow Rate: 200 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. or mL)	Depth to water
0947	24.5	7.15	1243	11	0.98	184.0	600	37.19
0950	25.8	7.13	1278	10	0.70	179.8	1200	37.20
0953	26.5	7.11	1247	10	0.52	171.8	1800	37.21
0956	26.4	7.10	1250	9	0.48	168.3	2400	37.21
0959	26.3	7.10	1216	9	0.42	166.7	3000	37.21

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: 3000 ml
Sampling Time: 1000	Sampling Date: 11-8-23
Sample I.D.: MW-9	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See c.o.c
Equipment Blank I.D.: @	Duplicate I.D.: DUP-2 @

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106 - C01	Client: Jacob S KMEP @ Newark
Sampler: C.C	Start Date: 11.9.23
Well I.D.: Mw. 12	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 51.88	Depth to Water: Pre: 34.83 Post: 34.86
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: 0821 Flow Rate: 200 mil-min Pump Depth: 46'

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
0821	20.4	7.01	971	14	1.24	186.7	1000	34.84
0827	20.6	7.03	1002	12	0.99	184.7	1200	34.85
0830	20.7	7.03	1001	10	0.92	183.0	1800	34.86
0833	20.7	7.04	1001	9	0.90	182.8	2400	34.86
0836	20.6	7.04	1000	9	0.92	182.2	3000	34.86

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 3000 ml
Sampling Time: 0837	Sampling Date: 11.9.23
Sample I.D.: Mw. 12	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.C.R
Equipment Blank I.D.: — @ Time	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Newark
Sampler: C.C	Start Date: 11-8-23
Well I.D.: MW-15R	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 52.09	Depth to Water: Pre: 34.71 Post: 34.74
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (AVO) 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: 1227 Flow Rate: 200 ml/min Pump Depth: 47'

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
1230	26.5	7.12	1164	17	0.65	185.4	600	34.72
1233	26.7	7.10	1169	12	0.52	185.5	1200	34.73
1236	26.7	7.09	1171	10	0.42	185.2	1800	34.74
1239	26.8	7.08	1172	10	0.40	180.0	2400	34.74
1242	26.8	7.08	1172	9	0.38	180.1	3000	34.74

Did well dewater? Yes No Amount actually evacuated: 3000 mL

Sampling Time: 1243 Sampling Date: 11-8-23

Sample I.D.: MW-15R Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: Sec C.D.C

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CCI</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>MW-18(MID)</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>65.44</u>	Depth to Water: Pre: <u>39.88</u> Post: <u>39.90</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: 1034 Flow Rate: 200 mL/min Pump Depth: 60'

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
1037	24.6	7.17	2764	7	0.84	101.4	600	39.88
1040	24.5	7.16	2751	6	0.68	101.0	1200	39.88
1043	24.4	7.16	2736	6	0.44	83.6	1800	39.89
1046	24.4	7.15	2729	6	0.41	74.6	2400	39.89
1049	24.4	7.14	2716	6	0.40	71.1	3000	39.89
1052	24.4	7.15	2724	6	0.40	69.8	3600	39.90

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1055</u>	Sampling Date: <u>11/10/2023</u>
Sample I.D.: <u>MW-18(MID)</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See cal</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>MW-19(mid)</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>61.34</u>	Depth to Water: Pre: <u>40.71</u> Post: <u>40.73</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: 0812 Flow Rate: 200 mL/min Pump Depth: 59'

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>nL</u>)	Depth to water
0815	21.3	7.30	2954	4	3.41	81.4	600	40.71
0818	21.3	7.32	2928	4	3.91	74.6	1200	40.71
0821	21.3	7.35	2886	5	3.86	71.4	1800	40.71
0824	21.4	7.36	2864	4	4.00	77.0	2400	40.72
0827	21.4	7.37	2849	4	4.04	82.6	3000	40.72
0830	21.4	7.37	2854	4	4.04	80.3	3600	40.73

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>0835</u>	Sampling Date: <u>11/10/2023</u>
Sample I.D.: <u>MW-19(mid)</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 #: <u>Z31106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>MW-20(MID)</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>56.44</u>	Depth to Water: Pre: <u>38.49</u> Post: <u>38.50</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: 0731 Flow Rate: 200 mL/min Pump Depth: 54'

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
0734	21.2	7.24	2497	2	0.69	-42.6	600	38.49
0737	21.6	7.25	2551	2	0.58	-50.9	1200	38.49
0740	21.7	7.25	2604	2	0.51	-56.8	1800	38.50
0743	21.6	7.25	2601	1	0.52	-58.4	2400	38.50
0746	21.6	7.25	2603	1	0.51	-60.6	3000	38.50
0749	21.6	7.25	2599	1	0.51	-61.8	3600	38.50

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>0750</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>MW-20(MID)</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other? See coc</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 271106-CC1	Client: Jacobs / KMEP @ Norwood/K
Sampler: CC	Start Date: 11-9-23
Well I.D.: MW 21 min	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 62.40	Depth to Water: Pre: 37.01 Post: 37.04
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: 1350 Flow Rate: 200ml/min Pump Depth: 57'

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
1353	23.0	6.95	2017	6	0.79	174.5	800	37.02
1356	23.1	6.96	1965	5	0.93	162.4	1200	37.03
1359	23.1	6.97	1930	5	1.07	164.7	1800	37.04
1402	23.1	6.98	1932	4	1.10	160.9	2400	37.04
1405	23.1	6.98	1933	3	1.13	158.9	3000	37.04

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3000ml
Sampling Time: 1406	Sampling Date: 11-9-23
Sample I.D.: MW-21 min	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See Coc
Equipment Blank I.D.: EB-5 @ Time 1415	Duplicate I.D.: MW-60

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>MW-0-2</u>	Well Diameter: 2 3 4 <u>(6)</u> 8
Total Well Depth: <u>41.64</u>	Depth to Water: Pre: <u>33.14</u> Post: <u>33.14</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: 1341 Flow Rate: 200 mL/min Pump Depth: 40'

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
1344	26.4	7.17	3104	41	2.19	-161.6	600	33.14
1347	26.6	7.14	3106	36	1.94	-140.8	1200	33.14
1350	26.6	7.11	3096	49	1.61	-140.6	1800	33.14
1353	26.6	7.11	3097	26	1.34	-119.2	2400	33.14
1356	26.4	7.10	3097	23	0.46	-124.6	3000	33.14
1359	26.4	7.11	3094	20	0.19	-130.3	3600	33.14
1402	26.4	7.10	3094	19	0.19	-131.6	4200	33.14
1405	26.4	7.11	3092	19	0.20	-131.9	4800	33.14

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>4800 mL</u>
Sampling Time: <u>1410</u>	Sampling Date: <u>11/9/2023</u>
Sample I.D.: <u>MW-0-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See col</u>
Equipment Blank I.D.: <u>EB-6</u> @ Time <u>1430</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 281106-CC1	Client: Jacobs / KMEP @ Norwalk
Sampler: C.C	Start Date: 11-10-23
Well I.D.: MW-SF-1	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 41.63	Depth to Water: Pre: 39.30 Post:
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: _____ Flow Rate: 100 ml/min Pump Depth: 41'

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
INSUFFICIENT							300	
H2O							600	
to							900	
purge							1200	
e							1500	
grab taken								
0930	23.5	6.67	1706	10	1.14	174	—	

Did well dewater? Yes No Amount actually evacuated: 1500 ml

Sampling Time: 0930 Sampling Date: 11-10-23

Sample I.D.: MW-SF-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See CAC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106.CC1	Client: Jacobs / KMEP @ Newark
Sampler: CC	Start Date: 9-10-23
Well I.D.: MW-SF-6	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 41.10	Depth to Water: Pre: 37.94 Post: 37.97
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: <u>AVC</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: 0733 Flow Rate: 100 ml/min Pump Depth: 40'

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
0736	22.8	6.76	3508	14	2.94	169.3	800	37.95
0739	23.9	6.74	3626	12	2.60	142.2	600	37.96
0742	23.8	6.74	3635	10	2.46	171.0	900	37.97
0745	24.1	6.73	3630	10	2.42	126.9	1200	37.97
0748	24.0	6.73	3622	9	2.39	125.8	1500	37.97

Did well dewater? Yes <input checked="" type="checkbox"/> No	Amount actually evacuated: 1500 gal
Sampling Time: 0749	Sampling Date: 11-10-23
Sample I.D.: MW-SF-6	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.C
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 281106-CC1	Client: Jacobs / KMEP @ Norwalk
Sampler: CC	Start Date: 11-10-23
Well I.D.: MW-SF-12	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 43.62	Depth to Water: Pre: 39.15 Post: 39.20
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: 0959 Flow Rate: 100 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
1002	24.4	6.92	2045	20	2.35	164.3	300	39.17
1005	24.9	6.91	2067	17	1.94	167.8	600	39.18
1008	24.9	6.90	2073	15	1.78	169.3	900	39.19
1011	25.0	6.89	2077	14	1.75	170.3	1200	39.20
1014	25.1	6.84	2077	14	1.72	170.5	1500	39.20

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 1500 mL
Sampling Time: 1015	Sampling Date: 11-10-23
Sample I.D.: MW-SF-12	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 #: <u>231000-CC1</u>	Client: <u>Jacobs / KMEP @ Newark</u>
Sampler: <u>C.C</u>	Start Date: <u>11-10-23</u>
Well I.D.: <u>MW-SF-13</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>38.58</u>	Depth to Water: Pre: <u>33.90</u> Post: <u>33.93</u>
Depth to Free Product: <u>←</u>	Thickness of Free Product (feet): <u>←</u>
Referenced to: <u>PVO</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: 1026 Flow Rate: 200 ml/min Pump Depth: 37'

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
1029	24.0	6.73	2145	8	0.61	145.0	600	33.91
1032	24.0	6.73	2146	6	0.58	137.9	1200	33.92
1035	24.1	6.72	2145	5	0.56	132.9	1800	33.93
1038	24.1	6.72	2145	5	0.55	130.2	2400	33.93
1041	24.0	6.71	2144	5	0.55	129.8	3000	33.93

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3000ml</u>
Sampling Time: <u>1042</u>	Sampling Date: <u>11-10-23</u>
Sample I.D.: <u>MW-SF-13</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>JAR C.C.C</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u>—</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106.CC1	Client: Jacobs / KMEP @ Norwalk
Sampler: C.C.	Start Date: 11-06-23
Well I.D.: MW.SF-14	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 35 33	Depth to Water: Pre: Dry Post:
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: _____ Flow Rate: _____ Pump Depth: _____

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
/ Dry, No Sample taken //								

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs / KMEP @ Newark
Sampler: C.C	Start Date: 11-10-23
Well I.D.: MW-SF-15	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 43.61	Depth to Water: Pre: 39.02 Post: 39.07
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: 0826 Flow Rate: 100 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 <u>ml</u>)	Depth to water
0829	23.9	7.21	1895	15	1.17	168.3	300	39.04
0832	24.0	7.20	1858	13	0.91	168.7	600	39.06
0835	24.7	7.19	1834	10	0.79	169.7	900	39.07
0838	24.7	7.19	1827	10	0.72	170.3	1200	39.07
0841	24.6	7.19	1831	9	0.70	170.9	1500	39.07

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 1500 ml
Sampling Time: 0842	Sampling Date: 11-10-23
Sample I.D.: MW-SF-15	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.R
Equipment Blank I.D.: @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231166-CC1	Client: Jacobs / KMEP @ Norwalk
Sampler: CC	Start Date: 11.9.23
Well I.D.: PW-3	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 50.05	Depth to Water: Pre: 34.92 Post: 34.95
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: 0903 Flow Rate: 200 mil/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
0906	21.8	7.19	1907	14	0.58	154.0	600	34.93
0909	21.8	7.19	1917	13	0.62	142.6	1200	34.94
0912	21.8	7.19	1924	11	0.57	132.4	1800	34.95
0915	21.7	7.19	1919	10	0.59	130.6	2400	34.95
0918	21.7	7.19	1918	10	0.60	128.9	3000	34.95

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3000 gal
Sampling Time: 0919	Sampling Date: 11.9.23
Sample I.D.: PW-3	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: @	Duplicate I.D.: —

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JR</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>PZ-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>40.55</u>	Depth to Water: Pre: <u>34.94</u> Post: <u>34.95</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: 0942 Flow Rate: 100 ml/min Pump Depth: 39'

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
0945	23.3	7.38	4189	24	0.69	134.0	300	34.94
0948	23.3	6.84	4196	21	0.48	131.6	600	34.94
0951	23.6	6.83	4206	23	0.50	131.1	900	34.94
0954	23.6	6.81	4198	22	0.46	128.6	1200	34.95
0957	23.6	6.81	4194	20	0.45	127.8	1500	34.95
1000	23.6	6.81	4190	20	0.46	127.6	2100	34.95

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>2100ml</u>
Sampling Time: <u>1005</u>	Sampling Date: <u>11/6/2023</u>
Sample I.D.: <u>PZ-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See COC</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: <u>Dup-70-:-</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 231106-CC1	Client: Jacobs - KMEP Newark
Sampler: C.C	Start Date: 11-7-23
Well I.D.: PZ5	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 37.68	Depth to Water: Pre: 31.64 Post: 31.66
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: 0745 Flow Rate: 200 ml/min Pump Depth: 35'

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
0748	21.9	6.97	1657	12	5.62	119.6	600	31.65
0751	22.1	6.97	1660	10	4.52	155.5	1200	31.66
0754	22.1	6.96	1662	8	4.00	147.9	1800	31.66
0757	22.1	6.96	1663	8	3.98	146.3	2400	31.66
0800	22.1	6.96	1664	7	3.45	145.6	3000	31.66

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: 3000 ml
Sampling Time: 0801	Sampling Date: 11-7-23
Sample I.D.: PZ-5	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.C
Equipment Blank I.D.: @	Duplicate I.D.: DUP-1 no time

LOW FLOW WELL MONITORING DATA SHEET

Project #: 271106-CC1	Client: Jacobs / KMEP @ Newark
Sampler: C.C	Start Date: 11-06-23
Well I.D.: PZ-10	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 27.86	Depth to Water: Pre: Dry Post:
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: _____ Flow Rate: _____ Pump Depth: _____

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
//		Dry,		No		Sample		
		taken						

Did well dewater? Yes No	Amount actually evacuated:
Sampling Time:	Sampling Date:
Sample I.D.:	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other:
Equipment Blank I.D.: @ _____	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>52.18</u>	Depth to Water: Pre: <u>34.86</u> Post: <u>34.88</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: 1323 Flow Rate: 200 mL/min Pump Depth: 50'

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
1326	22.2	7.41	2158	26	0.94	37.1	600	34.86
1329	22.1	7.41	2124	21	1.09	20.6	1200	34.87
1332	22.1	7.45	2101	19	2.64	21.1	1800	34.87
1335	22.1	7.48	2098	21	3.16	21.6	2400	34.87
1338	22.0	7.49	2097	20	3.18	23.8	3000	34.88
1341	22.0	7.49	2096	21	3.16	24.0	3600	34.88

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1345</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>WCW-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>(See col)</u>
Equipment Blank I.D.: <u>EB-2[@]</u> Time <u>1400</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-3</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>50.50</u>	Depth to Water: Pre: <u>36.32</u> Post: <u>36.34</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: 1108 Flow Rate: 200 ml/min Pump Depth: 48'

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
1111	22.3	6.84	4496	4	0.61	59.3	600	36.32
1114	22.3	6.83	4494	5	0.62	59.9	1200	36.32
1117	22.6	6.82	4506	4	0.80	59.7	1800	36.33
1120	22.6	6.82	4514	4	0.89	59.6	2400	36.33
1123	22.5	6.83	4504	4	0.89	58.9	3000	36.33
1126	22.6	6.82	4509	4	0.90	58.6	3600	36.34

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1130</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>WCW-3</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other</u> <u>See CAC</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/16/2023</u>
Well I.D.: <u>WCW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>51.61</u>	Depth to Water: Pre: <u>38.80</u> Post: <u>38.83</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet):
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: 0800 Flow Rate: 200 ml/min Pump Depth: 49'

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
<u>0803</u>	<u>22.3</u>	<u>7.04</u>	<u>2876</u>	<u>16</u>	<u>0.59</u>	<u>-13.6</u>	<u>600</u>	<u>38.80</u>
<u>0806</u>	<u>22.3</u>	<u>7.02</u>	<u>2843</u>	<u>12</u>	<u>0.54</u>	<u>-13.1</u>	<u>1200</u>	<u>38.80</u>
<u>0809</u>	<u>22.4</u>	<u>6.97</u>	<u>2864</u>	<u>10</u>	<u>0.49</u>	<u>-27.9</u>	<u>1800</u>	<u>38.81</u>
<u>0812</u>	<u>22.4</u>	<u>6.94</u>	<u>2866</u>	<u>11</u>	<u>0.42</u>	<u>-34.6</u>	<u>2400</u>	<u>38.82</u>
<u>0815</u>	<u>22.4</u>	<u>6.94</u>	<u>2863</u>	<u>10</u>	<u>0.43</u>	<u>-36.8</u>	<u>3000</u>	<u>38.82</u>
<u>0818</u>	<u>22.4</u>	<u>6.95</u>	<u>2866</u>	<u>10</u>	<u>0.43</u>	<u>-36.4</u>	<u>3600</u>	<u>38.83</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600 ml</u>
Sampling Time: <u>0820</u>	Sampling Date: <u>11/17/2023</u>
Sample I.D.: <u>WCW-4</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: Sec Col</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: KMEP
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>50.13</u>	Depth to Water: Pre: <u>32.95</u> Post: <u>32.97</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: 0754 Flow Rate: 200mL/min Pump Depth: 47'

Time	Temp. (<u>C</u> or °F)	pH	Cond. (mS/cm or <u>uS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>mL</u>)	Depth to water
<u>0757</u>	<u>21.6</u>	<u>7.04</u>	<u>2269</u>	<u>23</u>	<u>1.09</u>	<u>74.9</u>	<u>600</u>	<u>32.95</u>
<u>0800</u>	<u>21.5</u>	<u>7.16</u>	<u>2268</u>	<u>19</u>	<u>1.64</u>	<u>68.8</u>	<u>1200</u>	<u>32.95</u>
<u>0803</u>	<u>21.6</u>	<u>7.17</u>	<u>2269</u>	<u>18</u>	<u>2.46</u>	<u>69.3</u>	<u>1800</u>	<u>32.96</u>
<u>0806</u>	<u>21.7</u>	<u>7.19</u>	<u>2273</u>	<u>18</u>	<u>2.64</u>	<u>70.4</u>	<u>2400</u>	<u>32.96</u>
<u>0809</u>	<u>21.8</u>	<u>7.19</u>	<u>2284</u>	<u>17</u>	<u>2.66</u>	<u>70.9</u>	<u>3000</u>	<u>32.96</u>
<u>0812</u>	<u>21.8</u>	<u>7.19</u>	<u>2288</u>	<u>18</u>	<u>2.64</u>	<u>70.6</u>	<u>3600</u>	<u>32.97</u>

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3600mL</u>
Sampling Time: <u>0815</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>WCW-5</u>	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	<u>(Other)</u> <u>See col</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: KMEP
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCV-6</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>50.94</u>	Depth to Water: Pre: <u>34.63</u> Post: <u>34.64</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
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: 0722 Flow Rate: 200ml/min Pump Depth: 48'

Time	Temp. (<u>C</u> 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
0725	21.5	7.28	2068	84	1.81	41.1	600	34.63
0728	21.7	7.31	2079	69	2.34	42.9	1200	34.63
0731	21.7	7.35	2080	74	3.14	41.8	1800	34.63
0734	21.7	7.34	2084	68	3.46	41.6	2400	34.64
0737	21.8	7.35	2082	71	3.48	41.5	3000	34.64
0740	21.7	7.34	2079	72	3.46	41.9	3600	34.64

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>0745</u>	Sampling Date: <u>11/8/2023</u>
Sample I.D.: <u>WCV-6</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See cal</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-8</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>51.48</u>	Depth to Water: Pre: <u>37.53</u> Post: <u>37.54</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: 1013 Flow Rate: 200 mL/min Pump Depth: 48'

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
1016	22.4	6.90	1472	24	0.69	-42.3	600	37.53
1019	22.3	6.90	1467	21	0.48	-46.9	1200	37.53
1022	22.4	6.89	1457	23	0.34	-51.4	1800	37.53
1025	22.4	6.89	1446	24	0.31	-52.9	2400	37.54
1028	22.4	6.89	1440	24	0.32	-52.5	3000	37.54
1031	22.4	6.89	1436	23	0.32	-52.6	3600	37.54

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600 mL</u>
Sampling Time: <u>1035</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>WCW-8</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>see cal</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-12</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>59.66</u>	Depth to Water: Pre: <u>36.68</u> Post: <u>36.68</u>
Depth to Free Product: _____	Thickness of Free Product (feet): _____
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: 1214 Flow Rate: 200 mL/min Pump Depth: 55'

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
1217	22.9	7.53	1903	46	1.69	-46.9	600	36.68
1220	22.8	7.57	1854	36	2.49	-50.6	1200	36.68
1223	22.9	7.57	1846	38	3.69	-54.8	1800	36.68
1226	22.8	7.59	1827	40	3.94	-52.6	2400	36.68
1229	22.8	7.58	1834	39	3.96	-53.1	3000	36.68
1232	22.8	7.57	1836	39	3.91	-53.9	3600	36.68

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>1235</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>WCW-12</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: see col</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-13</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: <u>60.46</u>	Depth to Water: Pre: <u>38.72</u> Post: <u>38.72</u>
Depth to Free Product: <u> </u>	Thickness of Free Product (feet): <u> </u>
Referenced to: <u>PVE</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: 0920 Flow Rate: 200 mL/min Pump Depth: 55'

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
<u>0923</u>	<u>21.1</u>	<u>7.04</u>	<u>1580</u>	<u>39</u>	<u>0.58</u>	<u>72.4</u>	<u>600</u>	<u>38.72</u>
<u>0926</u>	<u>21.0</u>	<u>6.99</u>	<u>1572</u>	<u>34</u>	<u>0.34</u>	<u>73.9</u>	<u>1200</u>	<u>38.72</u>
<u>0929</u>	<u>21.0</u>	<u>6.99</u>	<u>1570</u>	<u>36</u>	<u>0.36</u>	<u>74.0</u>	<u>1800</u>	<u>38.72</u>
<u>0932</u>	<u>21.0</u>	<u>7.00</u>	<u>1571</u>	<u>33</u>	<u>0.32</u>	<u>74.1</u>	<u>2400</u>	<u>38.72</u>
<u>0935</u>	<u>21.1</u>	<u>6.99</u>	<u>1570</u>	<u>36</u>	<u>0.31</u>	<u>73.7</u>	<u>3000</u>	<u>38.72</u>
<u>0938</u>	<u>21.1</u>	<u>6.99</u>	<u>1571</u>	<u>34</u>	<u>0.31</u>	<u>73.4</u>	<u>3600</u>	<u>38.72</u>

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>0940</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>WCW-13</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	<u>Other: See col</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>231106-CC1</u>	Client: <u>KMEP</u>
Sampler: <u>JP</u>	Start Date: <u>11/6/2023</u>
Well I.D.: <u>WCW-14</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>58.60</u>	Depth to Water: Pre: <u>39.74</u> Post: <u>39.76</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: 0838 Flow Rate: 200 mL/min Pump Depth: 55'

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
0841	21.4	6.99	2404	294	0.81	50.9	600	39.74
0844	21.3	6.94	2404	229	0.69	54.8	1200	39.74
0847	21.3	6.92	2394	194	0.64	57.6	1800	39.75
0850	21.3	6.90	2399	174	0.61	58.4	2400	39.75
0853	21.3	6.89	2400	179	0.62	58.9	3000	39.76
0856	21.3	6.89	2397	144	0.61	58.6	3600	39.76
0859	21.4	6.88	2409	113	0.60	61.4	4200	39.76
0902	21.4	6.88	2406	108	0.61	61.8	4800	39.76
0905	21.4	6.89	2404	116	0.61	61.1	5400	39.76

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>5400 mL</u>
Sampling Time: <u>0910</u>	Sampling Date: <u>11/7/2023</u>
Sample I.D.: <u>WCW-14</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See COC</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

APPENDIX B
LABORATORY REPORTS (CD ROM ONLY)



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335328 / 3K07010**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/07/23 16:50 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', is written over a light blue horizontal line.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K07010-01	Water	5	11/06/23 06:00	11/07/23 16:50
QCEB-1	3K07010-02	Water	5	11/06/23 07:50	11/07/23 16:50

8260B+OXYGENATES

GMW-63	3K07010-03	Water	5	11/06/23 08:30	11/07/23 16:50
GMW-64	3K07010-04	Water	5	11/06/23 09:10	11/07/23 16:50
GMW-65	3K07010-05	Water	5	11/06/23 09:50	11/07/23 16:50
GMW-69	3K07010-06	Water	5	11/06/23 10:25	11/07/23 16:50
DUP-1	3K07010-07	Water	5	11/06/23 00:00	11/07/23 16:50
GMW-67	3K07010-08	Water	5	11/06/23 11:00	11/07/23 16:50
GMW-62	3K07010-09	Water	5	11/06/23 11:30	11/07/23 16:50
GMW-68	3K07010-10	Water	5	11/06/23 12:05	11/07/23 16:50
EXP-3	3K07010-11	Water	5	11/06/23 12:40	11/07/23 16:50
MW-16	3K07010-12	Water	5	11/06/23 13:20	11/07/23 16:50

Diesel Range Organics 8015M

QCEB-1	3K07010-02	Water	5	11/06/23 07:50	11/07/23 16:50
GMW-63	3K07010-03	Water	5	11/06/23 08:30	11/07/23 16:50
GMW-64	3K07010-04	Water	5	11/06/23 09:10	11/07/23 16:50
GMW-65	3K07010-05	Water	5	11/06/23 09:50	11/07/23 16:50

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-69	3K07010-06	Water	5	11/06/23 10:25	11/07/23 16:50
DUP-1	3K07010-07	Water	5	11/06/23 00:00	11/07/23 16:50
GMW-67	3K07010-08	Water	5	11/06/23 11:00	11/07/23 16:50
GMW-62	3K07010-09	Water	5	11/06/23 11:30	11/07/23 16:50
GMW-68	3K07010-10	Water	5	11/06/23 12:05	11/07/23 16:50
EXP-3	3K07010-11	Water	5	11/06/23 12:40	11/07/23 16:50
MW-16	3K07010-12	Water	5	11/06/23 13:20	11/07/23 16:50

Gasoline Range Organics 8015M

GMW-63	3K07010-03	Water	5	11/06/23 08:30	11/07/23 16:50
GMW-64	3K07010-04	Water	5	11/06/23 09:10	11/07/23 16:50
GMW-65	3K07010-05	Water	5	11/06/23 09:50	11/07/23 16:50
GMW-69	3K07010-06	Water	5	11/06/23 10:25	11/07/23 16:50
DUP-1	3K07010-07	Water	5	11/06/23 00:00	11/07/23 16:50
GMW-67	3K07010-08	Water	5	11/06/23 11:00	11/07/23 16:50
GMW-62	3K07010-09	Water	5	11/06/23 11:30	11/07/23 16:50
GMW-68	3K07010-10	Water	5	11/06/23 12:05	11/07/23 16:50
EXP-3	3K07010-11	Water	5	11/06/23 12:40	11/07/23 16:50
MW-16	3K07010-12	Water	5	11/06/23 13:20	11/07/23 16:50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	
AA ID No:	3K07010-01	3K07010-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	
AA ID No:	3K07010-01	3K07010-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	
AA ID No:	3K07010-01	3K07010-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	101%	103%	80-129
Dibromofluoromethane	100%	102%	68-137
Toluene-d8	101%	102%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23	
AA ID No:	3K07010-03	3K07010-04	3K07010-05	3K07010-06	
Client ID No:	GMW-63	GMW-64	GMW-65	GMW-69	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.52	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23
AA ID No:	3K07010-03	3K07010-04	3K07010-05	3K07010-06
Client ID No:	GMW-63	GMW-64	GMW-65	GMW-69
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23
AA ID No:	3K07010-03	3K07010-04	3K07010-05	3K07010-06
Client ID No:	GMW-63	GMW-64	GMW-65	GMW-69
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates

					%REC Limits
4-Bromofluorobenzene	100%	101%	101%	100%	80-129
Dibromofluoromethane	101%	102%	101%	104%	68-137
Toluene-d8	100%	102%	102%	103%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

	11/06/23	11/06/23	11/06/23	11/06/23	
Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23	
AA ID No:	3K07010-07	3K07010-08	3K07010-09	3K07010-10	
Client ID No:	DUP-1	GMW-67	GMW-62	GMW-68	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	3.5	<0.50	1.5	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	0.86	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	0.68	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.57	0.61	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23	
AA ID No:	3K07010-07	3K07010-08	3K07010-09	3K07010-10	
Client ID No:	DUP-1	GMW-67	GMW-62	GMW-68	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	1.1	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	8.9	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	7.3	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23	
AA ID No:	3K07010-07	3K07010-08	3K07010-09	3K07010-10	
Client ID No:	DUP-1	GMW-67	GMW-62	GMW-68	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	0.54	0.50
1,2,4-Trimethylbenzene	<0.50	1.6	<0.50	2.3	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	2.4	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	3.6	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	101%	102%	102%	103%	80-129
Dibromofluoromethane	104%	102%	102%	101%	68-137
Toluene-d8	103%	104%	103%	102%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	
AA ID No:	3K07010-11	3K07010-12	
Client ID No:	EXP-3	MW-16	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Compound	Sample 1	Sample 2	MRL
Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	
AA ID No:	3K07010-11	3K07010-12	
Client ID No:	EXP-3	MW-16	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	
AA ID No:	3K07010-11	3K07010-12	
Client ID No:	EXP-3	MW-16	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

<u>Surrogates</u>			<u>%REC Limits</u>
4-Bromofluorobenzene	103%	103%	80-129
Dibromofluoromethane	105%	105%	68-137
Toluene-d8	103%	103%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335328
Project No:	091-NOR-001	Date Received:	11/07/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Diesel Range Organics by GC/FID	Units:	mg/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K07010-02	3K07010-03	3K07010-04	3K07010-05	
Client ID No:	QCEB-1	GMW-63	GMW-64	GMW-65	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	<0.10	<0.10	0.10
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Surrogates

o-Terphenyl	145%	138%	136%	145%	<u>%REC Limits</u> 50-150
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K07010-06	3K07010-07	3K07010-08	3K07010-09	
Client ID No:	GMW-69	DUP-1	GMW-67	GMW-62	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.30	0.32	<0.10	0.39	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	132%	137%	137%	133%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/08/23	11/08/23	11/08/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	
AA ID No:	3K07010-10	3K07010-11	3K07010-12	
Client ID No:	GMW-68	EXP-3	MW-16	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	2.0	<0.10	<0.10	0.10
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<u>Surrogates</u>				<u>%REC Limits</u>
o-Terphenyl	129%	116%	139%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Analyzed:	11/09/23	11/09/23	11/09/23	11/09/23	
AA ID No:	3K07010-03	3K07010-04	3K07010-05	3K07010-06	
Client ID No:	GMW-63	GMW-64	GMW-65	GMW-69	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	107%	88%	83%	91%	<u>%REC Limits</u> 80-120
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335328
Project No:	091-NOR-001	Date Received:	11/07/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/06/23	11/06/23	11/06/23	11/06/23	
Date Prepared:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Analyzed:	11/09/23	11/09/23	11/09/23	11/09/23	
AA ID No:	3K07010-07	3K07010-08	3K07010-09	3K07010-10	
Client ID No:	DUP-1	GMW-67	GMW-62	GMW-68	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	120	<100	330	100
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Surrogates

					%REC Limits
a,a,a-Trifluorotoluene	91%	102%	90%	88%	80-120

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/06/23	11/06/23	
Date Prepared:	11/09/23	11/10/23	
Date Analyzed:	11/09/23	11/10/23	
AA ID No:	3K07010-11	3K07010-12	
Client ID No:	EXP-3	MW-16	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	100
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Surrogates

			<u>%REC Limits</u>
a,a,a-Trifluorotoluene	86%	90%	80-120

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K1327 - EPA 5030B

Blank (B3K1327-BLK1)

Prepared & Analyzed: 11/13/23

Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Blank (B3K1327-BLK1) Continued										
Prepared & Analyzed: 11/13/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Blank (B3K1327-BLK1) Continued				Prepared & Analyzed: 11/13/23						
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>51.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>83-134</i>			
LCS (B3K1327-BS1)				Prepared & Analyzed: 11/13/23						
Acetone	20.2	50	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		100	58-133			
Benzene	21.3	0.50	ug/L	20.0		107	60-134			
Bromobenzene	22.4	0.50	ug/L	20.0		112	70-130			
Bromochloromethane	20.9	0.50	ug/L	20.0		104	78-121			
Bromodichloromethane	21.6	0.50	ug/L	20.0		108	74-135			
Bromoform	20.8	0.50	ug/L	20.0		104	68-132			
Bromomethane	18.1	0.50	ug/L	20.0		90.4	58-142			
2-Butanone (MEK)	20.0	20	ug/L	20.0		100	62-138			
tert-Butyl Alcohol (TBA)	106	10	ug/L	100		106	65-148			
sec-Butylbenzene	21.4	0.50	ug/L	20.0		107	84-142			
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
n-Butylbenzene	21.9	0.50	ug/L	20.0		110	70-130			
Carbon Disulfide	19.5	0.50	ug/L	20.0		97.6	17-177			
Carbon Tetrachloride	19.8	0.50	ug/L	20.0		99.2	66-155			
Chlorobenzene	22.2	0.50	ug/L	20.0		111	70-130			
Chloroethane	20.1	0.50	ug/L	20.0		101	45-166			
Chloroform	21.6	0.50	ug/L	20.0		108	71-131			
Chloromethane	21.0	0.50	ug/L	20.0		105	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS (B3K1327-BS1) Continued										
Prepared & Analyzed: 11/13/23										
2-Chlorotoluene	21.9	0.50	ug/L	20.0		110	70-130			
4-Chlorotoluene	22.3	0.50	ug/L	20.0		111	70-130			
1,2-Dibromo-3-chloropropane	20.8	1.0	ug/L	20.0		104	53-145			
Dibromochloromethane	21.5	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	22.8	0.50	ug/L	20.0		114	79-120			
Dibromomethane	21.6	0.50	ug/L	20.0		108	68-124			
1,3-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130			
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
Dichlorodifluoromethane (R12)	18.9	0.50	ug/L	20.0		94.6	16-148			
1,1-Dichloroethane	22.1	0.50	ug/L	20.0		111	67-120			
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156			
1,1-Dichloroethylene	22.0	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	21.2	0.50	ug/L	20.0		106	66-126			
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0		105	70-124			
1,2-Dichloropropane	21.3	0.50	ug/L	20.0		106	53-139			
2,2-Dichloropropane	20.6	0.50	ug/L	20.0		103	44-162			
1,3-Dichloropropane	22.1	0.50	ug/L	20.0		110	79-113			
cis-1,3-Dichloropropylene	22.1	0.50	ug/L	20.0		111	67-127			
trans-1,3-Dichloropropylene	22.6	0.50	ug/L	20.0		113	76-121			
1,1-Dichloropropylene	20.6	0.50	ug/L	20.0		103	84-124			
Diisopropyl ether (DIPE)	22.0	2.0	ug/L	20.0		110	51-136			
Ethylbenzene	22.6	0.50	ug/L	20.0		113	86-124			
Ethyl-tert-Butyl Ether (ETBE)	20.9	2.0	ug/L	20.0		104	62-136			
Gasoline Range Organics (GRO)	502	100	ug/L	500		100	60-123			
Hexachlorobutadiene	20.6	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	20.5	20	ug/L	20.0		102	52-123			
Isopropylbenzene	22.5	0.50	ug/L	20.0		112	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	70-130			
Methyl-tert-Butyl Ether (MTBE)	43.2	1.2	ug/L	40.0		108	58-144			
Methylene Chloride	20.5	5.0	ug/L	20.0		102	50-135			
4-Methyl-2-pentanone (MIBK)	21.8	20	ug/L	20.0		109	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS (B3K1327-BS1) Continued										
Prepared & Analyzed: 11/13/23										
Naphthalene	19.3	2.0	ug/L	20.0		96.6	74-128			
n-Propylbenzene	22.5	0.50	ug/L	20.0		113	70-130			
Styrene	22.1	0.50	ug/L	20.0		110	84-123			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		105	70-130			
1,1,2,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		111	58-126			
Tetrachloroethylene (PCE)	21.3	0.50	ug/L	20.0		107	70-130			
Toluene	22.0	0.50	ug/L	20.0		110	83-118			
1,2,3-Trichlorobenzene	21.6	0.50	ug/L	20.0		108	77-134			
1,2,4-Trichlorobenzene	21.2	0.50	ug/L	20.0		106	84-128			
1,1,1-Trichloroethane	20.6	0.50	ug/L	20.0		103	66-158			
1,1,2-Trichloroethane	22.7	0.50	ug/L	20.0		114	75-115			
Trichloroethylene (TCE)	21.2	0.50	ug/L	20.0		106	82-128			
Trichlorofluoromethane (R11)	21.5	0.50	ug/L	20.0		107	65-137			
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		104	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0		97.8	62-130			
1,3,5-Trimethylbenzene	22.3	0.50	ug/L	20.0		111	70-130			
1,2,4-Trimethylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
Vinyl chloride	22.6	0.50	ug/L	20.0		113	51-151			
o-Xylene	21.8	0.50	ug/L	20.0		109	70-130			
m,p-Xylenes	45.1	1.0	ug/L	40.0		113	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS Dup (B3K1327-BSD1)										
Prepared & Analyzed: 11/13/23										
Acetone	21.2	50	ug/L	20.0		106	27-123	4.84	30	
tert-Amyl-Methyl Ether (TAME)	19.9	2.0	ug/L	20.0		99.6	58-133	0.800	30	
Benzene	19.9	0.50	ug/L	20.0		99.7	60-134	6.69	30	
Bromobenzene	21.7	0.50	ug/L	20.0		109	70-130	3.04	30	
Bromochloromethane	20.1	0.50	ug/L	20.0		101	78-121	3.71	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		103	74-135	4.40	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS Dup (B3K1327-BSD1) Continued										
Prepared & Analyzed: 11/13/23										
Bromoform	19.6	0.50	ug/L	20.0		98.0	68-132	6.13	30	
Bromomethane	17.9	0.50	ug/L	20.0		89.3	58-142	1.17	30	
2-Butanone (MEK)	19.7	20	ug/L	20.0		98.5	62-138	1.71	30	
tert-Butyl Alcohol (TBA)	95.1	10	ug/L	100		95.1	65-148	11.2	30	
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-142	0.883	30	
tert-Butylbenzene	21.4	0.50	ug/L	20.0		107	70-130	1.12	30	
n-Butylbenzene	21.7	0.50	ug/L	20.0		109	70-130	1.01	30	
Carbon Disulfide	18.9	0.50	ug/L	20.0		94.4	17-177	3.44	30	
Carbon Tetrachloride	18.3	0.50	ug/L	20.0		91.6	66-155	7.86	30	
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	4.69	30	
Chloroethane	19.8	0.50	ug/L	20.0		99.0	45-166	1.70	30	
Chloroform	20.7	0.50	ug/L	20.0		103	71-131	4.26	30	
Chloromethane	20.7	0.50	ug/L	20.0		103	48-152	1.54	30	
2-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130	0.503	30	
4-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130	2.27	30	
1,2-Dibromo-3-chloropropane	20.7	1.0	ug/L	20.0		103	53-145	0.338	30	
Dibromochloromethane	20.3	0.50	ug/L	20.0		102	72-133	5.64	30	
1,2-Dibromoethane (EDB)	21.2	0.50	ug/L	20.0		106	79-120	7.29	30	
Dibromomethane	21.1	0.50	ug/L	20.0		106	68-124	2.29	30	
1,3-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	2.64	30	
1,2-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130	4.08	30	
1,4-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	2.63	30	
Dichlorodifluoromethane (R12)	18.1	0.50	ug/L	20.0		90.6	16-148	4.21	30	
1,1-Dichloroethane	20.7	0.50	ug/L	20.0		103	67-120	6.77	30	
1,2-Dichloroethane (EDC)	19.7	0.50	ug/L	20.0		98.3	57-156	4.77	30	
1,1-Dichloroethylene	21.0	0.50	ug/L	20.0		105	50-149	4.47	30	
trans-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		103	66-126	3.36	30	
cis-1,2-Dichloroethylene	19.4	0.50	ug/L	20.0		96.8	70-124	7.98	30	
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	53-139	4.12	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.5	44-162	9.91	30	
1,3-Dichloropropane	20.9	0.50	ug/L	20.0		105	79-113	5.44	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	5.29	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS Dup (B3K1327-BSD1) Continued										
Prepared & Analyzed: 11/13/23										
trans-1,3-Dichloropropylene	21.3	0.50	ug/L	20.0		107	76-121	5.91	30	
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	84-124	6.45	30	
Diisopropyl ether (DIPE)	20.5	2.0	ug/L	20.0		103	51-136	6.83	30	
Ethylbenzene	22.0	0.50	ug/L	20.0		110	86-124	2.91	30	
Ethyl-tert-Butyl Ether (ETBE)	21.5	2.0	ug/L	20.0		107	62-136	2.83	30	
Gasoline Range Organics (GRO)	502	100	ug/L	500		100	60-123	0.0319	30	
Hexachlorobutadiene	19.5	1.0	ug/L	20.0		97.4	76-140	5.54	30	
2-Hexanone (MBK)	19.0	20	ug/L	20.0		94.8	52-123	7.70	30	
Isopropylbenzene	22.5	0.50	ug/L	20.0		113	70-130	0.222	30	
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130	2.17	30	
Methyl-tert-Butyl Ether (MTBE)	46.0	1.2	ug/L	40.0		115	58-144	6.48	30	
Methylene Chloride	19.8	5.0	ug/L	20.0		99.0	50-135	3.28	30	
4-Methyl-2-pentanone (MIBK)	20.4	20	ug/L	20.0		102	49-139	6.63	30	
Naphthalene	19.2	2.0	ug/L	20.0		96.2	74-128	0.519	30	
n-Propylbenzene	22.6	0.50	ug/L	20.0		113	70-130	0.487	30	
Styrene	20.9	0.50	ug/L	20.0		104	84-123	5.72	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	70-130	4.37	30	
1,1,2,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		108	58-126	2.89	30	
Tetrachloroethylene (PCE)	20.0	0.50	ug/L	20.0		100	70-130	6.29	30	
Toluene	21.0	0.50	ug/L	20.0		105	83-118	4.65	30	
1,2,3-Trichlorobenzene	19.7	0.50	ug/L	20.0		98.6	77-134	9.01	30	
1,2,4-Trichlorobenzene	20.0	0.50	ug/L	20.0		99.8	84-128	5.88	30	
1,1,1-Trichloroethane	18.7	0.50	ug/L	20.0		93.4	66-158	9.88	30	
1,1,2-Trichloroethane	22.3	0.50	ug/L	20.0		111	75-115	2.04	30	
Trichloroethylene (TCE)	20.1	0.50	ug/L	20.0		100	82-128	5.66	30	
Trichlorofluoromethane (R11)	21.0	0.50	ug/L	20.0		105	65-137	2.12	30	
1,2,3-Trichloropropane	20.4	0.50	ug/L	20.0		102	68-123	2.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.2	0.50	ug/L	20.0		96.0	62-130	1.91	30	
1,3,5-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	70-130	1.54	30	
1,2,4-Trimethylbenzene	21.7	0.50	ug/L	20.0		109	70-130	0.0460	30	
Vinyl chloride	21.3	0.50	ug/L	20.0		106	51-151	6.10	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS Dup (B3K1327-BSD1) Continued										
Prepared & Analyzed: 11/13/23										
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130	4.27	30	
m,p-Xylenes	43.2	1.0	ug/L	40.0		108	70-130	4.35	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>51.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.2</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
Matrix Spike (B3K1327-MS1)										
Source: 3K07010-03 Prepared & Analyzed: 11/13/23										
Acetone	32.1	50	ug/L	20.0	17.9	71.2	11-169			
tert-Amyl-Methyl Ether (TAME)	18.4	2.0	ug/L	20.0		92.0	66-133			
Benzene	19.3	0.50	ug/L	20.0		96.7	56-135			
Bromobenzene	19.9	0.50	ug/L	20.0		99.6	70-130			
Bromochloromethane	19.2	0.50	ug/L	20.0		95.8	74-125			
Bromodichloromethane	19.6	0.50	ug/L	20.0		98.0	68-144			
Bromoform	16.6	0.50	ug/L	20.0		83.2	68-151			
Bromomethane	18.3	0.50	ug/L	20.0		91.4	54-142			
2-Butanone (MEK)	17.3	20	ug/L	20.0		86.4	62-145			
tert-Butyl Alcohol (TBA)	82.4	10	ug/L	100		82.4	73-162			
sec-Butylbenzene	19.3	0.50	ug/L	20.0		96.5	84-145			
tert-Butylbenzene	19.9	0.50	ug/L	20.0		99.4	70-130			
n-Butylbenzene	19.2	0.50	ug/L	20.0		96.2	70-130			
Carbon Disulfide	16.9	0.50	ug/L	20.0		84.4	28-151			
Carbon Tetrachloride	17.3	0.50	ug/L	20.0		86.7	58-164			
Chlorobenzene	19.2	0.50	ug/L	20.0		96.0	70-130			
Chloroethane	21.1	0.50	ug/L	20.0		105	42-164			
Chloroform	20.0	0.50	ug/L	20.0		100	65-138			
Chloromethane	21.8	0.50	ug/L	20.0		109	50-152			
2-Chlorotoluene	19.5	0.50	ug/L	20.0		97.6	70-130			
4-Chlorotoluene	19.4	0.50	ug/L	20.0		96.8	70-130			
1,2-Dibromo-3-chloropropane	18.3	1.0	ug/L	20.0		91.5	53-161			
Dibromochloromethane	17.9	0.50	ug/L	20.0		89.5	70-130			
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0		97.2	76-130			
Dibromomethane	19.7	0.50	ug/L	20.0		98.3	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike (B3K1327-MS1) Continued Source: 3K07010-03 Prepared & Analyzed: 11/13/23										
1,3-Dichlorobenzene	18.3	0.50	ug/L	20.0		91.4	70-130			
1,2-Dichlorobenzene	18.9	0.50	ug/L	20.0		94.3	70-130			
1,4-Dichlorobenzene	18.1	0.50	ug/L	20.0		90.7	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		94.8	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0		102	55-131			
1,2-Dichloroethane (EDC)	18.6	0.50	ug/L	20.0		93.2	52-168			
1,1-Dichloroethylene	19.1	0.50	ug/L	20.0		95.7	51-140			
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0		92.5	59-127			
cis-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0		94.0	70-130			
1,2-Dichloropropane	19.9	0.50	ug/L	20.0		99.4	52-142			
2,2-Dichloropropane	17.2	0.50	ug/L	20.0		85.9	36-168			
1,3-Dichloropropane	19.3	0.50	ug/L	20.0		96.4	80-121			
cis-1,3-Dichloropropylene	19.9	0.50	ug/L	20.0		99.7	66-130			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	78-130			
1,1-Dichloropropylene	18.8	0.50	ug/L	20.0		93.8	76-132			
Diisopropyl ether (DIPE)	20.7	2.0	ug/L	20.0		103	52-138			
Ethylbenzene	19.7	0.50	ug/L	20.0		98.7	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.5	2.0	ug/L	20.0		103	64-137			
Hexachlorobutadiene	16.6	1.0	ug/L	20.0		82.9	70-130			
2-Hexanone (MBK)	17.2	20	ug/L	20.0		86.2	52-141			
Isopropylbenzene	20.0	0.50	ug/L	20.0		100	70-130			
4-Isopropyltoluene	18.8	1.0	ug/L	20.0		94.2	83-149			
Methyl-tert-Butyl Ether (MTBE)	41.2	1.2	ug/L	40.0		103	56-150			
Methylene Chloride	19.3	5.0	ug/L	20.0		96.3	70-130			
4-Methyl-2-pentanone (MIBK)	17.9	20	ug/L	20.0		89.7	60-148			
Naphthalene	16.8	2.0	ug/L	20.0		84.1	70-130			
n-Propylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
Styrene	19.0	0.50	ug/L	20.0		95.1	65-141			
1,1,1,2-Tetrachloroethane	18.5	0.50	ug/L	20.0		92.5	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		98.8	62-134			
Tetrachloroethylene (PCE)	17.4	0.50	ug/L	20.0		86.9	70-130			
Toluene	18.9	0.50	ug/L	20.0		94.4	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K1327 - EPA 5030B

Matrix Spike (B3K1327-MS1) Continued Source: 3K07010-03 Prepared & Analyzed: 11/13/23

1,2,3-Trichlorobenzene	17.5	0.50	ug/L	20.0		87.5	73-144			
1,2,4-Trichlorobenzene	17.3	0.50	ug/L	20.0		86.6	80-137			
1,1,1-Trichloroethane	18.1	0.50	ug/L	20.0		90.4	62-164			
1,1,2-Trichloroethane	20.1	0.50	ug/L	20.0		100	76-122			
Trichloroethylene (TCE)	18.8	0.50	ug/L	20.0		94.0	72-136			
Trichlorofluoromethane (R11)	21.4	0.50	ug/L	20.0		107	59-144			
1,2,3-Trichloropropane	18.1	0.50	ug/L	20.0		90.7	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.1	0.50	ug/L	20.0		95.6	62-126			
1,3,5-Trimethylbenzene	19.6	0.50	ug/L	20.0		98.2	70-130			
1,2,4-Trimethylbenzene	19.2	0.50	ug/L	20.0		96.0	89-134			
Vinyl chloride	22.2	0.50	ug/L	20.0		111	54-150			
o-Xylene	19.0	0.50	ug/L	20.0		95.0	70-130			
m,p-Xylenes	38.2	1.0	ug/L	40.0		95.4	70-130			
Surrogate: 4-Bromofluorobenzene	51.0		ug/L	50.0		102	80-129			
Surrogate: Dibromofluoromethane	50.5		ug/L	50.0		101	68-137			
Surrogate: Toluene-d8	50.9		ug/L	50.0		102	83-134			

Matrix Spike Dup (B3K1327-MSD1) Source: 3K07010-03 Prepared: 11/13/23 Analyzed: 11/14/23

Acetone	34.9	50	ug/L	20.0	17.9	85.1	11-169	8.32	30	
tert-Amyl-Methyl Ether (TAME)	18.4	2.0	ug/L	20.0		92.2	66-133	0.217	30	
Benzene	19.3	0.50	ug/L	20.0		96.6	56-135	0.155	30	
Bromobenzene	19.7	0.50	ug/L	20.0		98.6	70-130	0.959	30	
Bromochloromethane	19.3	0.50	ug/L	20.0		96.6	74-125	0.832	30	
Bromodichloromethane	20.0	0.50	ug/L	20.0		99.8	68-144	1.87	30	
Bromoform	16.2	0.50	ug/L	20.0		81.2	68-151	2.55	30	
Bromomethane	20.8	0.50	ug/L	20.0		104	54-142	12.7	30	
2-Butanone (MEK)	17.4	20	ug/L	20.0		87.0	62-145	0.750	30	
tert-Butyl Alcohol (TBA)	83.5	10	ug/L	100		83.5	73-162	1.37	30	
sec-Butylbenzene	18.6	0.50	ug/L	20.0		93.2	84-145	3.48	30	
tert-Butylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130	3.17	30	
n-Butylbenzene	19.0	0.50	ug/L	20.0		95.1	70-130	1.15	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike Dup (B3K1327-MSD1) Source: 3K07010-03 Prepared: 11/13/23 Analyzed: 11/14/23										
Continued										
Carbon Disulfide	16.2	0.50	ug/L	20.0		81.2	28-151	3.86	30	
Carbon Tetrachloride	17.2	0.50	ug/L	20.0		86.0	58-164	0.811	30	
Chlorobenzene	19.0	0.50	ug/L	20.0		95.0	70-130	1.10	30	
Chloroethane	20.4	0.50	ug/L	20.0		102	42-164	3.38	30	
Chloroform	19.8	0.50	ug/L	20.0		99.0	65-138	1.15	30	
Chloromethane	20.9	0.50	ug/L	20.0		104	50-152	4.31	30	
2-Chlorotoluene	19.2	0.50	ug/L	20.0		95.8	70-130	1.86	30	
4-Chlorotoluene	19.1	0.50	ug/L	20.0		95.4	70-130	1.35	30	
1,2-Dibromo-3-chloropropane	18.5	1.0	ug/L	20.0		92.4	53-161	1.03	30	
Dibromochloromethane	17.6	0.50	ug/L	20.0		88.1	70-130	1.58	30	
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0		95.8	76-130	1.50	30	
Dibromomethane	20.1	0.50	ug/L	20.0		100	62-135	2.16	30	
1,3-Dichlorobenzene	18.6	0.50	ug/L	20.0		93.0	70-130	1.74	30	
1,2-Dichlorobenzene	19.2	0.50	ug/L	20.0		95.9	70-130	1.68	30	
1,4-Dichlorobenzene	18.4	0.50	ug/L	20.0		92.2	70-130	1.59	30	
Dichlorodifluoromethane (R12)	18.8	0.50	ug/L	20.0		93.8	17-153	0.954	30	
1,1-Dichloroethane	20.2	0.50	ug/L	20.0		101	55-131	0.395	30	
1,2-Dichloroethane (EDC)	18.4	0.50	ug/L	20.0		92.0	52-168	1.30	30	
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0		92.1	51-140	3.83	30	
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0		92.3	59-127	0.216	30	
cis-1,2-Dichloroethylene	18.4	0.50	ug/L	20.0		92.1	70-130	2.04	30	
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		102	52-142	2.14	30	
2,2-Dichloropropane	17.0	0.50	ug/L	20.0		84.9	36-168	1.17	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.9	80-121	0.520	30	
cis-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0		100	66-130	0.650	30	
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0		93.8	78-130	0.796	30	
1,1-Dichloropropylene	18.3	0.50	ug/L	20.0		91.7	76-132	2.21	30	
Diisopropyl ether (DIPE)	21.0	2.0	ug/L	20.0		105	52-138	1.77	30	
Ethylbenzene	19.3	0.50	ug/L	20.0		96.6	86-128	2.20	30	
Ethyl-tert-Butyl Ether (ETBE)	20.7	2.0	ug/L	20.0		104	64-137	1.02	30	
Hexachlorobutadiene	16.8	1.0	ug/L	20.0		84.0	70-130	1.32	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike Dup (B3K1327-MSD1) Source: 3K07010-03 Prepared: 11/13/23 Analyzed: 11/14/23										
Continued										
2-Hexanone (MBK)	16.6	20	ug/L	20.0		83.2	52-141	3.60	30	
Isopropylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	3.45	30	
4-Isopropyltoluene	18.5	1.0	ug/L	20.0		92.6	83-149	1.77	30	
Methyl-tert-Butyl Ether (MTBE)	40.7	1.2	ug/L	40.0		102	56-150	1.15	30	
Methylene Chloride	19.6	5.0	ug/L	20.0		98.2	70-130	2.00	30	
4-Methyl-2-pentanone (MIBK)	18.3	20	ug/L	20.0		91.3	60-148	1.77	30	
Naphthalene	17.7	2.0	ug/L	20.0		88.4	70-130	4.93	30	
n-Propylbenzene	19.6	0.50	ug/L	20.0		97.8	70-130	3.17	30	
Styrene	18.9	0.50	ug/L	20.0		94.5	65-141	0.633	30	
1,1,1,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		92.2	70-130	0.379	30	
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		99.2	62-134	0.404	30	
Tetrachloroethylene (PCE)	16.9	0.50	ug/L	20.0		84.4	70-130	2.86	30	
Toluene	18.3	0.50	ug/L	20.0		91.4	81-123	3.28	30	
1,2,3-Trichlorobenzene	17.8	0.50	ug/L	20.0		89.2	73-144	1.98	30	
1,2,4-Trichlorobenzene	17.9	0.50	ug/L	20.0		89.4	80-137	3.13	30	
1,1,1-Trichloroethane	17.8	0.50	ug/L	20.0		89.2	62-164	1.28	30	
1,1,2-Trichloroethane	20.0	0.50	ug/L	20.0		100	76-122	0.249	30	
Trichloroethylene (TCE)	18.6	0.50	ug/L	20.0		93.0	72-136	1.07	30	
Trichlorofluoromethane (R11)	21.8	0.50	ug/L	20.0		109	59-144	1.80	30	
1,2,3-Trichloropropane	18.4	0.50	ug/L	20.0		92.1	69-135	1.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	20.1	0.50	ug/L	20.0		100	62-126	4.95	30	
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0		96.9	70-130	1.33	30	
1,2,4-Trimethylbenzene	18.9	0.50	ug/L	20.0		94.6	89-134	1.47	30	
Vinyl chloride	21.6	0.50	ug/L	20.0		108	54-150	2.56	30	
o-Xylene	18.6	0.50	ug/L	20.0		93.2	70-130	1.81	30	
m,p-Xylenes	37.7	1.0	ug/L	40.0		94.3	70-130	1.19	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Blank (B3K1327-BLK1)										
Prepared & Analyzed: 11/13/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Blank (B3K1327-BLK1) Continued										
Prepared & Analyzed: 11/13/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Blank (B3K1327-BLK1) Continued										
Prepared & Analyzed: 11/13/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>51.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>83-134</i>			
LCS (B3K1327-BS1)										
Prepared & Analyzed: 11/13/23										
Acetone	20.2	50	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		100	58-133			
Benzene	21.3	0.50	ug/L	20.0		107	60-134			
Bromobenzene	22.4	0.50	ug/L	20.0		112	70-130			
Bromochloromethane	20.9	0.50	ug/L	20.0		104	78-121			
Bromodichloromethane	21.6	0.50	ug/L	20.0		108	74-135			
Bromoform	20.8	0.50	ug/L	20.0		104	68-132			
Bromomethane	18.1	0.50	ug/L	20.0		90.4	58-142			
2-Butanone (MEK)	20.0	20	ug/L	20.0		100	62-138			
tert-Butyl Alcohol (TBA)	106	10	ug/L	100		106	65-148			
sec-Butylbenzene	21.4	0.50	ug/L	20.0		107	84-142			
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
n-Butylbenzene	21.9	0.50	ug/L	20.0		110	70-130			
Carbon Disulfide	19.5	0.50	ug/L	20.0		97.6	17-177			
Carbon Tetrachloride	19.8	0.50	ug/L	20.0		99.2	66-155			
Chlorobenzene	22.2	0.50	ug/L	20.0		111	70-130			
Chloroethane	20.1	0.50	ug/L	20.0		101	45-166			
Chloroform	21.6	0.50	ug/L	20.0		108	71-131			
Chloromethane	21.0	0.50	ug/L	20.0		105	48-152			
2-Chlorotoluene	21.9	0.50	ug/L	20.0		110	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS (B3K1327-BS1) Continued										
Prepared & Analyzed: 11/13/23										
4-Chlorotoluene	22.3	0.50	ug/L	20.0		111	70-130			
1,2-Dibromo-3-chloropropane	20.8	1.0	ug/L	20.0		104	53-145			
Dibromochloromethane	21.5	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	22.8	0.50	ug/L	20.0		114	79-120			
Dibromomethane	21.6	0.50	ug/L	20.0		108	68-124			
1,3-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130			
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
Dichlorodifluoromethane (R12)	18.9	0.50	ug/L	20.0		94.6	16-148			
1,1-Dichloroethane	22.1	0.50	ug/L	20.0		111	67-120			
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156			
1,1-Dichloroethylene	22.0	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	21.2	0.50	ug/L	20.0		106	66-126			
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0		105	70-124			
1,2-Dichloropropane	21.3	0.50	ug/L	20.0		106	53-139			
2,2-Dichloropropane	20.6	0.50	ug/L	20.0		103	44-162			
1,3-Dichloropropane	22.1	0.50	ug/L	20.0		110	79-113			
cis-1,3-Dichloropropylene	22.1	0.50	ug/L	20.0		111	67-127			
trans-1,3-Dichloropropylene	22.6	0.50	ug/L	20.0		113	76-121			
1,1-Dichloropropylene	20.6	0.50	ug/L	20.0		103	84-124			
Diisopropyl ether (DIPE)	22.0	2.0	ug/L	20.0		110	51-136			
Ethylbenzene	22.6	0.50	ug/L	20.0		113	86-124			
Ethyl-tert-Butyl Ether (ETBE)	20.9	2.0	ug/L	20.0		104	62-136			
Hexachlorobutadiene	20.6	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	20.5	20	ug/L	20.0		102	52-123			
Isopropylbenzene	22.5	0.50	ug/L	20.0		112	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	70-130			
Methyl-tert-Butyl Ether (MTBE)	43.2	1.2	ug/L	40.0		108	58-144			
Methylene Chloride	20.5	5.0	ug/L	20.0		102	50-135			
4-Methyl-2-pentanone (MIBK)	21.8	20	ug/L	20.0		109	49-139			
Naphthalene	19.3	2.0	ug/L	20.0		96.6	74-128			
n-Propylbenzene	22.5	0.50	ug/L	20.0		113	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS (B3K1327-BS1) Continued										
Prepared & Analyzed: 11/13/23										
Styrene	22.1	0.50	ug/L	20.0		110	84-123			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		105	70-130			
1,1,2,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		111	58-126			
Tetrachloroethylene (PCE)	21.3	0.50	ug/L	20.0		107	70-130			
Toluene	22.0	0.50	ug/L	20.0		110	83-118			
1,2,3-Trichlorobenzene	21.6	0.50	ug/L	20.0		108	77-134			
1,2,4-Trichlorobenzene	21.2	0.50	ug/L	20.0		106	84-128			
1,1,1-Trichloroethane	20.6	0.50	ug/L	20.0		103	66-158			
1,1,2-Trichloroethane	22.7	0.50	ug/L	20.0		114	75-115			
Trichloroethylene (TCE)	21.2	0.50	ug/L	20.0		106	82-128			
Trichlorofluoromethane (R11)	21.5	0.50	ug/L	20.0		107	65-137			
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		104	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0		97.8	62-130			
1,3,5-Trimethylbenzene	22.3	0.50	ug/L	20.0		111	70-130			
1,2,4-Trimethylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
Vinyl chloride	22.6	0.50	ug/L	20.0		113	51-151			
o-Xylene	21.8	0.50	ug/L	20.0		109	70-130			
m,p-Xylenes	45.1	1.0	ug/L	40.0		113	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS Dup (B3K1327-BSD1)										
Prepared & Analyzed: 11/13/23										
Acetone	21.2	50	ug/L	20.0		106	27-123	4.84	30	
tert-Amyl-Methyl Ether (TAME)	19.9	2.0	ug/L	20.0		99.6	58-133	0.800	30	
Benzene	19.9	0.50	ug/L	20.0		99.7	60-134	6.69	30	
Bromobenzene	21.7	0.50	ug/L	20.0		109	70-130	3.04	30	
Bromochloromethane	20.1	0.50	ug/L	20.0		101	78-121	3.71	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		103	74-135	4.40	30	
Bromoform	19.6	0.50	ug/L	20.0		98.0	68-132	6.13	30	
Bromomethane	17.9	0.50	ug/L	20.0		89.3	58-142	1.17	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS Dup (B3K1327-BSD1) Continued										
Prepared & Analyzed: 11/13/23										
2-Butanone (MEK)	19.7	20	ug/L	20.0		98.5	62-138	1.71	30	
tert-Butyl Alcohol (TBA)	95.1	10	ug/L	100		95.1	65-148	11.2	30	
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-142	0.883	30	
tert-Butylbenzene	21.4	0.50	ug/L	20.0		107	70-130	1.12	30	
n-Butylbenzene	21.7	0.50	ug/L	20.0		109	70-130	1.01	30	
Carbon Disulfide	18.9	0.50	ug/L	20.0		94.4	17-177	3.44	30	
Carbon Tetrachloride	18.3	0.50	ug/L	20.0		91.6	66-155	7.86	30	
Chlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	4.69	30	
Chloroethane	19.8	0.50	ug/L	20.0		99.0	45-166	1.70	30	
Chloroform	20.7	0.50	ug/L	20.0		103	71-131	4.26	30	
Chloromethane	20.7	0.50	ug/L	20.0		103	48-152	1.54	30	
2-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130	0.503	30	
4-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130	2.27	30	
1,2-Dibromo-3-chloropropane	20.7	1.0	ug/L	20.0		103	53-145	0.338	30	
Dibromochloromethane	20.3	0.50	ug/L	20.0		102	72-133	5.64	30	
1,2-Dibromoethane (EDB)	21.2	0.50	ug/L	20.0		106	79-120	7.29	30	
Dibromomethane	21.1	0.50	ug/L	20.0		106	68-124	2.29	30	
1,3-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	2.64	30	
1,2-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130	4.08	30	
1,4-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	2.63	30	
Dichlorodifluoromethane (R12)	18.1	0.50	ug/L	20.0		90.6	16-148	4.21	30	
1,1-Dichloroethane	20.7	0.50	ug/L	20.0		103	67-120	6.77	30	
1,2-Dichloroethane (EDC)	19.7	0.50	ug/L	20.0		98.3	57-156	4.77	30	
1,1-Dichloroethylene	21.0	0.50	ug/L	20.0		105	50-149	4.47	30	
trans-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		103	66-126	3.36	30	
cis-1,2-Dichloroethylene	19.4	0.50	ug/L	20.0		96.8	70-124	7.98	30	
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	53-139	4.12	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.5	44-162	9.91	30	
1,3-Dichloropropane	20.9	0.50	ug/L	20.0		105	79-113	5.44	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	5.29	30	
trans-1,3-Dichloropropylene	21.3	0.50	ug/L	20.0		107	76-121	5.91	30	
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	84-124	6.45	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
LCS Dup (B3K1327-BSD1) Continued										
Prepared & Analyzed: 11/13/23										
Diisopropyl ether (DIPE)	20.5	2.0	ug/L	20.0		103	51-136	6.83	30	
Ethylbenzene	22.0	0.50	ug/L	20.0		110	86-124	2.91	30	
Ethyl-tert-Butyl Ether (ETBE)	21.5	2.0	ug/L	20.0		107	62-136	2.83	30	
Hexachlorobutadiene	19.5	1.0	ug/L	20.0		97.4	76-140	5.54	30	
2-Hexanone (MBK)	19.0	20	ug/L	20.0		94.8	52-123	7.70	30	
Isopropylbenzene	22.5	0.50	ug/L	20.0		113	70-130	0.222	30	
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130	2.17	30	
Methyl-tert-Butyl Ether (MTBE)	46.0	1.2	ug/L	40.0		115	58-144	6.48	30	
Methylene Chloride	19.8	5.0	ug/L	20.0		99.0	50-135	3.28	30	
4-Methyl-2-pentanone (MIBK)	20.4	20	ug/L	20.0		102	49-139	6.63	30	
Naphthalene	19.2	2.0	ug/L	20.0		96.2	74-128	0.519	30	
n-Propylbenzene	22.6	0.50	ug/L	20.0		113	70-130	0.487	30	
Styrene	20.9	0.50	ug/L	20.0		104	84-123	5.72	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	70-130	4.37	30	
1,1,2,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		108	58-126	2.89	30	
Tetrachloroethylene (PCE)	20.0	0.50	ug/L	20.0		100	70-130	6.29	30	
Toluene	21.0	0.50	ug/L	20.0		105	83-118	4.65	30	
1,2,3-Trichlorobenzene	19.7	0.50	ug/L	20.0		98.6	77-134	9.01	30	
1,2,4-Trichlorobenzene	20.0	0.50	ug/L	20.0		99.8	84-128	5.88	30	
1,1,1-Trichloroethane	18.7	0.50	ug/L	20.0		93.4	66-158	9.88	30	
1,1,2-Trichloroethane	22.3	0.50	ug/L	20.0		111	75-115	2.04	30	
Trichloroethylene (TCE)	20.1	0.50	ug/L	20.0		100	82-128	5.66	30	
Trichlorofluoromethane (R11)	21.0	0.50	ug/L	20.0		105	65-137	2.12	30	
1,2,3-Trichloropropane	20.4	0.50	ug/L	20.0		102	68-123	2.57	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.2	0.50	ug/L	20.0		96.0	62-130	1.91	30	
1,3,5-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	70-130	1.54	30	
1,2,4-Trimethylbenzene	21.7	0.50	ug/L	20.0		109	70-130	0.0460	30	
Vinyl chloride	21.3	0.50	ug/L	20.0		106	51-151	6.10	30	
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130	4.27	30	
m,p-Xylenes	43.2	1.0	ug/L	40.0		108	70-130	4.35	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K1327 - EPA 5030B

LCS Dup (B3K1327-BSD1) Continued

Prepared & Analyzed: 11/13/23

Surrogate: 4-Bromofluorobenzene	51.1		ug/L	50.0		102	80-129			
Surrogate: Dibromofluoromethane	48.1		ug/L	50.0		96.2	68-137			
Surrogate: Toluene-d8	50.3		ug/L	50.0		101	83-134			

Matrix Spike (B3K1327-MS1)

Source: 3K07010-03 Prepared & Analyzed: 11/13/23

Acetone	32.1	50	ug/L	20.0	17.9	71.2	11-169			
tert-Amyl-Methyl Ether (TAME)	18.4	2.0	ug/L	20.0	<2.0	92.0	66-133			
Benzene	19.3	0.50	ug/L	20.0	<0.50	96.7	56-135			
Bromobenzene	19.9	0.50	ug/L	20.0	<0.50	99.6	70-130			
Bromochloromethane	19.2	0.50	ug/L	20.0	<0.50	95.8	74-125			
Bromodichloromethane	19.6	0.50	ug/L	20.0	<0.50	98.0	68-144			
Bromoform	16.6	0.50	ug/L	20.0	<0.50	83.2	68-151			
Bromomethane	18.3	0.50	ug/L	20.0	<0.50	91.4	54-142			
2-Butanone (MEK)	17.3	20	ug/L	20.0	<20	86.4	62-145			
tert-Butyl Alcohol (TBA)	82.4	10	ug/L	100	<10	82.4	73-162			
sec-Butylbenzene	19.3	0.50	ug/L	20.0	<0.50	96.5	84-145			
tert-Butylbenzene	19.9	0.50	ug/L	20.0	<0.50	99.4	70-130			
n-Butylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.2	70-130			
Carbon Disulfide	16.9	0.50	ug/L	20.0	<0.50	84.4	28-151			
Carbon Tetrachloride	17.3	0.50	ug/L	20.0	<0.50	86.7	58-164			
Chlorobenzene	19.2	0.50	ug/L	20.0	<0.50	96.0	70-130			
Chloroethane	21.1	0.50	ug/L	20.0	<0.50	105	42-164			
Chloroform	20.0	0.50	ug/L	20.0	<0.50	100	65-138			
Chloromethane	21.8	0.50	ug/L	20.0	<0.50	109	50-152			
2-Chlorotoluene	19.5	0.50	ug/L	20.0	<0.50	97.6	70-130			
4-Chlorotoluene	19.4	0.50	ug/L	20.0	<0.50	96.8	70-130			
1,2-Dibromo-3-chloropropane	18.3	1.0	ug/L	20.0	<1.0	91.5	53-161			
Dibromochloromethane	17.9	0.50	ug/L	20.0	<0.50	89.5	70-130			
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0	<0.50	97.2	76-130			
Dibromomethane	19.7	0.50	ug/L	20.0	<0.50	98.3	62-135			
1,3-Dichlorobenzene	18.3	0.50	ug/L	20.0	<0.50	91.4	70-130			
1,2-Dichlorobenzene	18.9	0.50	ug/L	20.0	<0.50	94.3	70-130			
1,4-Dichlorobenzene	18.1	0.50	ug/L	20.0	<0.50	90.7	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike (B3K1327-MS1) Continued Source: 3K07010-03 Prepared & Analyzed: 11/13/23										
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0	<0.50	94.8	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0	<0.50	102	55-131			
1,2-Dichloroethane (EDC)	18.6	0.50	ug/L	20.0	<0.50	93.2	52-168			
1,1-Dichloroethylene	19.1	0.50	ug/L	20.0	<0.50	95.7	51-140			
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0	<0.50	92.5	59-127			
cis-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0	<0.50	94.0	70-130			
1,2-Dichloropropane	19.9	0.50	ug/L	20.0	<0.50	99.4	52-142			
2,2-Dichloropropane	17.2	0.50	ug/L	20.0	<0.50	85.9	36-168			
1,3-Dichloropropane	19.3	0.50	ug/L	20.0	<0.50	96.4	80-121			
cis-1,3-Dichloropropylene	19.9	0.50	ug/L	20.0	<0.50	99.7	66-130			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0	<0.50	94.6	78-130			
1,1-Dichloropropylene	18.8	0.50	ug/L	20.0	<0.50	93.8	76-132			
Diisopropyl ether (DIPE)	20.7	2.0	ug/L	20.0	<2.0	103	52-138			
Ethylbenzene	19.7	0.50	ug/L	20.0	<0.50	98.7	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.5	2.0	ug/L	20.0	<2.0	103	64-137			
Hexachlorobutadiene	16.6	1.0	ug/L	20.0	<1.0	82.9	70-130			
2-Hexanone (MBK)	17.2	20	ug/L	20.0	<20	86.2	52-141			
Isopropylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	70-130			
4-Isopropyltoluene	18.8	1.0	ug/L	20.0	<1.0	94.2	83-149			
Methyl-tert-Butyl Ether (MTBE)	41.2	1.2	ug/L	40.0	<1.2	103	56-150			
Methylene Chloride	19.3	5.0	ug/L	20.0	<5.0	96.3	70-130			
4-Methyl-2-pentanone (MIBK)	17.9	20	ug/L	20.0	<20	89.7	60-148			
Naphthalene	16.8	2.0	ug/L	20.0	<2.0	84.1	70-130			
n-Propylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130			
Styrene	19.0	0.50	ug/L	20.0	<0.50	95.1	65-141			
1,1,1,2-Tetrachloroethane	18.5	0.50	ug/L	20.0	<0.50	92.5	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0	<0.50	98.8	62-134			
Tetrachloroethylene (PCE)	17.4	0.50	ug/L	20.0	<0.50	86.9	70-130			
Toluene	18.9	0.50	ug/L	20.0	<0.50	94.4	81-123			
1,2,3-Trichlorobenzene	17.5	0.50	ug/L	20.0	<0.50	87.5	73-144			
1,2,4-Trichlorobenzene	17.3	0.50	ug/L	20.0	<0.50	86.6	80-137			
1,1,1-Trichloroethane	18.1	0.50	ug/L	20.0	<0.50	90.4	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike (B3K1327-MS1) Continued Source: 3K07010-03 Prepared & Analyzed: 11/13/23										
1,1,2-Trichloroethane	20.1	0.50	ug/L	20.0	<0.50	100	76-122			
Trichloroethylene (TCE)	18.8	0.50	ug/L	20.0	<0.50	94.0	72-136			
Trichlorofluoromethane (R11)	21.4	0.50	ug/L	20.0	<0.50	107	59-144			
1,2,3-Trichloropropane	18.1	0.50	ug/L	20.0	<0.50	90.7	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.1	0.50	ug/L	20.0	<0.50	95.6	62-126			
1,3,5-Trimethylbenzene	19.6	0.50	ug/L	20.0	<0.50	98.2	70-130			
1,2,4-Trimethylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.0	89-134			
Vinyl chloride	22.2	0.50	ug/L	20.0	<0.50	111	54-150			
o-Xylene	19.0	0.50	ug/L	20.0	<0.50	95.0	70-130			
m,p-Xylenes	38.2	1.0	ug/L	40.0	<1.0	95.4	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>51.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>83-134</i>			
Matrix Spike Dup (B3K1327-MSD1) Source: 3K07010-03 Prepared: 11/13/23 Analyzed: 11/14/23										
Acetone	34.9	50	ug/L	20.0	17.9	85.1	11-169	8.32	30	
tert-Amyl-Methyl Ether (TAME)	18.4	2.0	ug/L	20.0	<2.0	92.2	66-133	0.217	30	
Benzene	19.3	0.50	ug/L	20.0	<0.50	96.6	56-135	0.155	30	
Bromobenzene	19.7	0.50	ug/L	20.0	<0.50	98.6	70-130	0.959	30	
Bromochloromethane	19.3	0.50	ug/L	20.0	<0.50	96.6	74-125	0.832	30	
Bromodichloromethane	20.0	0.50	ug/L	20.0	<0.50	99.8	68-144	1.87	30	
Bromoform	16.2	0.50	ug/L	20.0	<0.50	81.2	68-151	2.55	30	
Bromomethane	20.8	0.50	ug/L	20.0	<0.50	104	54-142	12.7	30	
2-Butanone (MEK)	17.4	20	ug/L	20.0	<20	87.0	62-145	0.750	30	
tert-Butyl Alcohol (TBA)	83.5	10	ug/L	100	<10	83.5	73-162	1.37	30	
sec-Butylbenzene	18.6	0.50	ug/L	20.0	<0.50	93.2	84-145	3.48	30	
tert-Butylbenzene	19.3	0.50	ug/L	20.0	<0.50	96.4	70-130	3.17	30	
n-Butylbenzene	19.0	0.50	ug/L	20.0	<0.50	95.1	70-130	1.15	30	
Carbon Disulfide	16.2	0.50	ug/L	20.0	<0.50	81.2	28-151	3.86	30	
Carbon Tetrachloride	17.2	0.50	ug/L	20.0	<0.50	86.0	58-164	0.811	30	
Chlorobenzene	19.0	0.50	ug/L	20.0	<0.50	95.0	70-130	1.10	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike Dup (B3K1327-MSD1) Source: 3K07010-03 Prepared: 11/13/23 Analyzed: 11/14/23										
Continued										
Chloroethane	20.4	0.50	ug/L	20.0	<0.50	102	42-164	3.38	30	
Chloroform	19.8	0.50	ug/L	20.0	<0.50	99.0	65-138	1.15	30	
Chloromethane	20.9	0.50	ug/L	20.0	<0.50	104	50-152	4.31	30	
2-Chlorotoluene	19.2	0.50	ug/L	20.0	<0.50	95.8	70-130	1.86	30	
4-Chlorotoluene	19.1	0.50	ug/L	20.0	<0.50	95.4	70-130	1.35	30	
1,2-Dibromo-3-chloropropane	18.5	1.0	ug/L	20.0	<1.0	92.4	53-161	1.03	30	
Dibromochloromethane	17.6	0.50	ug/L	20.0	<0.50	88.1	70-130	1.58	30	
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0	<0.50	95.8	76-130	1.50	30	
Dibromomethane	20.1	0.50	ug/L	20.0	<0.50	100	62-135	2.16	30	
1,3-Dichlorobenzene	18.6	0.50	ug/L	20.0	<0.50	93.0	70-130	1.74	30	
1,2-Dichlorobenzene	19.2	0.50	ug/L	20.0	<0.50	95.9	70-130	1.68	30	
1,4-Dichlorobenzene	18.4	0.50	ug/L	20.0	<0.50	92.2	70-130	1.59	30	
Dichlorodifluoromethane (R12)	18.8	0.50	ug/L	20.0	<0.50	93.8	17-153	0.954	30	
1,1-Dichloroethane	20.2	0.50	ug/L	20.0	<0.50	101	55-131	0.395	30	
1,2-Dichloroethane (EDC)	18.4	0.50	ug/L	20.0	<0.50	92.0	52-168	1.30	30	
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0	<0.50	92.1	51-140	3.83	30	
trans-1,2-Dichloroethylene	18.5	0.50	ug/L	20.0	<0.50	92.3	59-127	0.216	30	
cis-1,2-Dichloroethylene	18.4	0.50	ug/L	20.0	<0.50	92.1	70-130	2.04	30	
1,2-Dichloropropane	20.3	0.50	ug/L	20.0	<0.50	102	52-142	2.14	30	
2,2-Dichloropropane	17.0	0.50	ug/L	20.0	<0.50	84.9	36-168	1.17	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0	<0.50	95.9	80-121	0.520	30	
cis-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0	<0.50	100	66-130	0.650	30	
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0	<0.50	93.8	78-130	0.796	30	
1,1-Dichloropropylene	18.3	0.50	ug/L	20.0	<0.50	91.7	76-132	2.21	30	
Diisopropyl ether (DIPE)	21.0	2.0	ug/L	20.0	<2.0	105	52-138	1.77	30	
Ethylbenzene	19.3	0.50	ug/L	20.0	<0.50	96.6	86-128	2.20	30	
Ethyl-tert-Butyl Ether (ETBE)	20.7	2.0	ug/L	20.0	<2.0	104	64-137	1.02	30	
Hexachlorobutadiene	16.8	1.0	ug/L	20.0	<1.0	84.0	70-130	1.32	30	
2-Hexanone (MBK)	16.6	20	ug/L	20.0	<20	83.2	52-141	3.60	30	
Isopropylbenzene	19.4	0.50	ug/L	20.0	<0.50	96.8	70-130	3.45	30	
4-Isopropyltoluene	18.5	1.0	ug/L	20.0	<1.0	92.6	83-149	1.77	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1327 - EPA 5030B</i>										
Matrix Spike Dup (B3K1327-MSD1) Source: 3K07010-03 Prepared: 11/13/23 Analyzed: 11/14/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	40.7	1.2	ug/L	40.0	<1.2	102	56-150	1.15	30	
Methylene Chloride	19.6	5.0	ug/L	20.0	<5.0	98.2	70-130	2.00	30	
4-Methyl-2-pentanone (MIBK)	18.3	20	ug/L	20.0	<20	91.3	60-148	1.77	30	
Naphthalene	17.7	2.0	ug/L	20.0	<2.0	88.4	70-130	4.93	30	
n-Propylbenzene	19.6	0.50	ug/L	20.0	<0.50	97.8	70-130	3.17	30	
Styrene	18.9	0.50	ug/L	20.0	<0.50	94.5	65-141	0.633	30	
1,1,1,2-Tetrachloroethane	18.4	0.50	ug/L	20.0	<0.50	92.2	70-130	0.379	30	
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0	<0.50	99.2	62-134	0.404	30	
Tetrachloroethylene (PCE)	16.9	0.50	ug/L	20.0	<0.50	84.4	70-130	2.86	30	
Toluene	18.3	0.50	ug/L	20.0	<0.50	91.4	81-123	3.28	30	
1,2,3-Trichlorobenzene	17.8	0.50	ug/L	20.0	<0.50	89.2	73-144	1.98	30	
1,2,4-Trichlorobenzene	17.9	0.50	ug/L	20.0	<0.50	89.4	80-137	3.13	30	
1,1,1-Trichloroethane	17.8	0.50	ug/L	20.0	<0.50	89.2	62-164	1.28	30	
1,1,2-Trichloroethane	20.0	0.50	ug/L	20.0	<0.50	100	76-122	0.249	30	
Trichloroethylene (TCE)	18.6	0.50	ug/L	20.0	<0.50	93.0	72-136	1.07	30	
Trichlorofluoromethane (R11)	21.8	0.50	ug/L	20.0	<0.50	109	59-144	1.80	30	
1,2,3-Trichloropropane	18.4	0.50	ug/L	20.0	<0.50	92.1	69-135	1.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	20.1	0.50	ug/L	20.0	<0.50	100	62-126	4.95	30	
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0	<0.50	96.9	70-130	1.33	30	
1,2,4-Trimethylbenzene	18.9	0.50	ug/L	20.0	<0.50	94.6	89-134	1.47	30	
Vinyl chloride	21.6	0.50	ug/L	20.0	<0.50	108	54-150	2.56	30	
o-Xylene	18.6	0.50	ug/L	20.0	<0.50	93.2	70-130	1.81	30	
m,p-Xylenes	37.7	1.0	ug/L	40.0	<1.0	94.3	70-130	1.19	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K0836 - EPA 3510C

Blank (B3K0836-BLK1)

Prepared: 11/08/23 Analyzed: 11/14/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K0836 - EPA 3510C</i>										
Blank (B3K0836-BLK1) Continued				Prepared: 11/08/23 Analyzed: 11/14/23						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0476</i>		<i>mg/L</i>	<i>0.0400</i>		<i>119</i>	<i>50-150</i>			
LCS (B3K0836-BS1)				Prepared: 11/08/23 Analyzed: 11/14/23						
Diesel Range Organics as Diesel	0.386	0.10	mg/L	0.800		48.3	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0399</i>		<i>mg/L</i>	<i>0.0400</i>		<i>99.8</i>	<i>50-150</i>			
LCS Dup (B3K0836-BSD1)				Prepared: 11/08/23 Analyzed: 11/14/23						
Diesel Range Organics as Diesel	0.551	0.10	mg/L	0.800		68.9	36-132	35.1	30	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0488</i>		<i>mg/L</i>	<i>0.0400</i>		<i>122</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K0901 - *** DEFAULT PREP ***</i>										
Blank (B3K0901-BLK1)				Prepared & Analyzed: 11/09/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.1</i>	<i>80-120</i>			
LCS (B3K0901-BS1)				Prepared & Analyzed: 11/09/23						
Gasoline Range Organics (GRO)	500	100	ug/L	500		100	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>55.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>111</i>	<i>80-120</i>			
LCS Dup (B3K0901-BSD1)				Prepared & Analyzed: 11/09/23						
Gasoline Range Organics (GRO)	398	100	ug/L	500		79.6	75-125	22.8	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>48.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.8</i>	<i>80-120</i>			
Matrix Spike (B3K0901-MS1)				Source: 3K07010-07 Prepared & Analyzed: 11/09/23						
Gasoline Range Organics (GRO)	517	100	ug/L	500	<100	103	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.0</i>	<i>80-120</i>			
Matrix Spike Dup (B3K0901-MSD1)				Source: 3K07010-07 Prepared & Analyzed: 11/09/23						
Gasoline Range Organics (GRO)	448	100	ug/L	500	<100	89.6	70-130	14.2	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>45.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.0</i>	<i>80-120</i>			
<i>Batch B3K1001 - *** DEFAULT PREP ***</i>										
Blank (B3K1001-BLK1)				Prepared & Analyzed: 11/10/23						

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1001 - *** DEFAULT PREP ***</i>										
Blank (B3K1001-BLK1) Continued				Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>42.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>84.0</i>	<i>80-120</i>			
LCS (B3K1001-BS1)				Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	463	100	ug/L	500		92.5	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>43.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>86.7</i>	<i>80-120</i>			
LCS Dup (B3K1001-BSD1)				Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	546	100	ug/L	500		109	75-125	16.4	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>45.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.2</i>	<i>80-120</i>			
Matrix Spike (B3K1001-MS1)				Source: 3K07011-03 Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	434	100	ug/L	500		86.7	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>42.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>83.9</i>	<i>80-120</i>			
Matrix Spike Dup (B3K1001-MSD1)				Source: 3K07011-03 Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	434	100	ug/L	500		86.8	70-130	0.0634	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>40.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>81.6</i>	<i>80-120</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335328
Date Received: 11/07/23
Date Reported: 12/11/23

Special Notes

[1] = **QR-02** : The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

A handwritten signature in black ink, appearing to read 'V. Vasile'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335329 / 3K07011**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/07/23 16:50 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', is written over a light blue horizontal line.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K07011-01	Water	5	11/07/23 06:00	11/07/23 16:50
QCEB-1	3K07011-02	Water	5	11/07/23 08:00	11/07/23 16:50

8260B+OXYGENATES

MW-17	3K07011-03	Water	5	11/07/23 08:30	11/07/23 16:50
GMW-61	3K07011-04	Water	5	11/07/23 09:10	11/07/23 16:50
GW-15	3K07011-05	Water	5	11/07/23 09:45	11/07/23 16:50
GMW-60	3K07011-06	Water	5	11/07/23 10:15	11/07/23 16:50
GMW-66R	3K07011-07	Water	5	11/07/23 10:50	11/07/23 16:50
MW-13	3K07011-08	Water	5	11/07/23 11:25	11/07/23 16:50
GMW-58	3K07011-09	Water	5	11/07/23 12:00	11/07/23 16:50
DUP-2	3K07011-10	Water	5	11/07/23 00:00	11/07/23 16:50
GMW-48	3K07011-11	Water	5	11/07/23 12:40	11/07/23 16:50
GMW-35R	3K07011-12	Water	5	11/07/23 13:15	11/07/23 16:50
GMW-6	3K07011-13	Water	5	11/07/23 13:50	11/07/23 16:50

Diesel Range Organics 8015M

QCEB-1	3K07011-02	Water	5	11/07/23 08:00	11/07/23 16:50
MW-17	3K07011-03	Water	5	11/07/23 08:30	11/07/23 16:50
GMW-61	3K07011-04	Water	5	11/07/23 09:10	11/07/23 16:50

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GW-15	3K07011-05	Water	5	11/07/23 09:45	11/07/23 16:50
GMW-60	3K07011-06	Water	5	11/07/23 10:15	11/07/23 16:50
GMW-66R	3K07011-07	Water	5	11/07/23 10:50	11/07/23 16:50
MW-13	3K07011-08	Water	5	11/07/23 11:25	11/07/23 16:50
GMW-58	3K07011-09	Water	5	11/07/23 12:00	11/07/23 16:50
DUP-2	3K07011-10	Water	5	11/07/23 00:00	11/07/23 16:50
GMW-48	3K07011-11	Water	5	11/07/23 12:40	11/07/23 16:50
GMW-35R	3K07011-12	Water	5	11/07/23 13:15	11/07/23 16:50
GMW-6	3K07011-13	Water	5	11/07/23 13:50	11/07/23 16:50

Gasoline Range Organics 8015M

MW-17	3K07011-03	Water	5	11/07/23 08:30	11/07/23 16:50
GMW-61	3K07011-04	Water	5	11/07/23 09:10	11/07/23 16:50
GW-15	3K07011-05	Water	5	11/07/23 09:45	11/07/23 16:50
GMW-60	3K07011-06	Water	5	11/07/23 10:15	11/07/23 16:50
GMW-66R	3K07011-07	Water	5	11/07/23 10:50	11/07/23 16:50
MW-13	3K07011-08	Water	5	11/07/23 11:25	11/07/23 16:50
GMW-58	3K07011-09	Water	5	11/07/23 12:00	11/07/23 16:50
DUP-2	3K07011-10	Water	5	11/07/23 00:00	11/07/23 16:50
GMW-48	3K07011-11	Water	5	11/07/23 12:40	11/07/23 16:50
GMW-35R	3K07011-12	Water	5	11/07/23 13:15	11/07/23 16:50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-6	3K07011-13	Water	5	11/07/23 13:50	11/07/23 16:50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	
Date Prepared:	11/16/23	11/16/23	
Date Analyzed:	11/16/23	11/16/23	
AA ID No:	3K07011-01	3K07011-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	2.3	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	
Date Prepared:	11/16/23	11/16/23	
Date Analyzed:	11/16/23	11/16/23	
AA ID No:	3K07011-01	3K07011-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	
Date Prepared:	11/16/23	11/16/23	
Date Analyzed:	11/16/23	11/16/23	
AA ID No:	3K07011-01	3K07011-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	99%	98%	80-129
Dibromofluoromethane	100%	103%	68-137
Toluene-d8	101%	100%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/16/23	11/16/23	11/20/23	11/20/23	
Date Analyzed:	11/16/23	11/16/23	11/20/23	11/20/23	
AA ID No:	3K07011-03	3K07011-04	3K07011-05	3K07011-06	
Client ID No:	MW-17	GMW-61	GW-15	GMW-60	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	0.92	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23
Date Prepared:	11/16/23	11/16/23	11/20/23	11/20/23
Date Analyzed:	11/16/23	11/16/23	11/20/23	11/20/23
AA ID No:	3K07011-03	3K07011-04	3K07011-05	3K07011-06
Client ID No:	MW-17	GMW-61	GW-15	GMW-60
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23
Date Prepared:	11/16/23	11/16/23	11/20/23	11/20/23
Date Analyzed:	11/16/23	11/16/23	11/20/23	11/20/23
AA ID No:	3K07011-03	3K07011-04	3K07011-05	3K07011-06
Client ID No:	MW-17	GMW-61	GW-15	GMW-60
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1
				MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	1.3	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates					%REC Limits
4-Bromofluorobenzene	100%	101%	99%	101%	80-129
Dibromofluoromethane	100%	101%	101%	102%	68-137
Toluene-d8	102%	102%	102%	101%	83-134

Viorel Vasile
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K07011-07	3K07011-08	3K07011-09	3K07011-10	
Client ID No:	GMW-66R	MW-13	GMW-58	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	0.69	<0.50	0.65	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335329
Project No:	091-NOR-001	Date Received:	11/07/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	VOCs & OXYGENATES by GC/MS	Units:	ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K07011-07	3K07011-08	3K07011-09	3K07011-10	
Client ID No:	GMW-66R	MW-13	GMW-58	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K07011-07	3K07011-08	3K07011-09	3K07011-10	
Client ID No:	GMW-66R	MW-13	GMW-58	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	98%	99%	100%	101%	80-129
Dibromofluoromethane	99%	102%	99%	100%	68-137
Toluene-d8	100%	101%	103%	102%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

	11/07/23	11/07/23	11/07/23	
Date Sampled:	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	
AA ID No:	3K07011-11	3K07011-12	3K07011-13	
Client ID No:	GMW-48	GMW-35R	GMW-6	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

	11/07/23	11/07/23	11/07/23	
Date Sampled:	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	
AA ID No:	3K07011-11	3K07011-12	3K07011-13	
Client ID No:	GMW-48	GMW-35R	GMW-6	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

	11/07/23	11/07/23	11/07/23	
Date Sampled:	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	
AA ID No:	3K07011-11	3K07011-12	3K07011-13	
Client ID No:	GMW-48	GMW-35R	GMW-6	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>				<u>%REC Limits</u>
4-Bromofluorobenzene	98%	100%	101%	80-129
Dibromofluoromethane	102%	98%	102%	68-137
Toluene-d8	102%	103%	102%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335329
Project No:	091-NOR-001	Date Received:	11/07/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Diesel Range Organics by GC/FID	Units:	mg/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K07011-02	3K07011-03	3K07011-04	3K07011-05	
Client ID No:	QCEB-1	MW-17	GMW-61	GW-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	0.14	<0.10	0.10
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Surrogates

o-Terphenyl	79%	132%	122%	110%	<u>%REC Limits</u> 50-150
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/08/23	11/09/23	11/08/23	11/08/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K07011-06	3K07011-07	3K07011-08	3K07011-09	
Client ID No:	GMW-60	GMW-66R	MW-13	GMW-58	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	10	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	1.0	<0.10	0.13	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	55%	123%	110%	134%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/08/23	11/09/23	11/08/23	11/09/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K07011-10	3K07011-11	3K07011-12	3K07011-13	
Client ID No:	DUP-2	GMW-48	GMW-35R	GMW-6	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	<0.10	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	143%	129%	127%	128%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/10/23	11/10/23	11/10/23	11/10/23	
Date Analyzed:	11/10/23	11/10/23	11/10/23	11/10/23	
AA ID No:	3K07011-03	3K07011-04	3K07011-05	3K07011-06	
Client ID No:	MW-17	GMW-61	GW-15	GMW-60	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	99%	99%	99%	105%	<u>%REC Limits</u> 80-120
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335329
Project No:	091-NOR-001	Date Received:	11/07/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23	
AA ID No:	3K07011-07	3K07011-08	3K07011-09	3K07011-10	
Client ID No:	GMW-66R	MW-13	GMW-58	DUP-2	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

					<u>%REC Limits</u>
a,a,a-Trifluorotoluene	93%	94%	101%	96%	80-120

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/07/23	11/07/23	11/07/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	
AA ID No:	3K07011-11	3K07011-12	3K07011-13	
Client ID No:	GMW-48	GMW-35R	GMW-6	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	101%	104%	95%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Blank (B3K1605-BLK1)										
Prepared & Analyzed: 11/16/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Blank (B3K1605-BLK1) Continued										
Prepared & Analyzed: 11/16/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Blank (B3K1605-BLK1) Continued										
Prepared & Analyzed: 11/16/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>51.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>83-134</i>			
LCS (B3K1605-BS1)										
Prepared & Analyzed: 11/16/23										
Acetone	20.8	50	ug/L	20.0		104	27-123			
tert-Amyl-Methyl Ether (TAME)	21.1	2.0	ug/L	20.0		105	58-133			
Benzene	22.5	0.50	ug/L	20.0		112	60-134			
Bromobenzene	23.0	0.50	ug/L	20.0		115	70-130			
Bromochloromethane	22.8	0.50	ug/L	20.0		114	78-121			
Bromodichloromethane	22.1	0.50	ug/L	20.0		110	74-135			
Bromoform	20.0	0.50	ug/L	20.0		100	68-132			
Bromomethane	21.9	0.50	ug/L	20.0		110	58-142			
2-Butanone (MEK)	22.0	20	ug/L	20.0		110	62-138			
tert-Butyl Alcohol (TBA)	103	10	ug/L	100		103	65-148			
sec-Butylbenzene	22.1	0.50	ug/L	20.0		111	84-142			
tert-Butylbenzene	22.1	0.50	ug/L	20.0		111	70-130			
n-Butylbenzene	22.7	0.50	ug/L	20.0		114	70-130			
Carbon Disulfide	20.5	0.50	ug/L	20.0		103	17-177			
Carbon Tetrachloride	20.7	0.50	ug/L	20.0		104	66-155			
Chlorobenzene	22.4	0.50	ug/L	20.0		112	70-130			
Chloroethane	22.8	0.50	ug/L	20.0		114	45-166			
Chloroform	22.8	0.50	ug/L	20.0		114	71-131			
Chloromethane	24.0	0.50	ug/L	20.0		120	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS (B3K1605-BS1) Continued										
Prepared & Analyzed: 11/16/23										
2-Chlorotoluene	22.3	0.50	ug/L	20.0		112	70-130			
4-Chlorotoluene	22.9	0.50	ug/L	20.0		114	70-130			
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0		103	53-145			
Dibromochloromethane	21.2	0.50	ug/L	20.0		106	72-133			
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120			
Dibromomethane	22.6	0.50	ug/L	20.0		113	68-124			
1,3-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
1,2-Dichlorobenzene	22.3	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
Dichlorodifluoromethane (R12)	22.7	0.50	ug/L	20.0		113	16-148			
1,1-Dichloroethane	23.1	0.50	ug/L	20.0		115	67-120			
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156			
1,1-Dichloroethylene	23.3	0.50	ug/L	20.0		117	50-149			
trans-1,2-Dichloroethylene	22.5	0.50	ug/L	20.0		113	66-126			
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-124			
1,2-Dichloropropane	22.3	0.50	ug/L	20.0		111	53-139			
2,2-Dichloropropane	21.2	0.50	ug/L	20.0		106	44-162			
1,3-Dichloropropane	22.0	0.50	ug/L	20.0		110	79-113			
cis-1,3-Dichloropropylene	22.7	0.50	ug/L	20.0		114	67-127			
trans-1,3-Dichloropropylene	22.4	0.50	ug/L	20.0		112	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		110	84-124			
Diisopropyl ether (DIPE)	23.5	2.0	ug/L	20.0		118	51-136			
Ethylbenzene	23.0	0.50	ug/L	20.0		115	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.6	2.0	ug/L	20.0		113	62-136			
Gasoline Range Organics (GRO)	545	100	ug/L	500		109	60-123			
Hexachlorobutadiene	21.4	1.0	ug/L	20.0		107	76-140			
2-Hexanone (MBK)	20.2	20	ug/L	20.0		101	52-123			
Isopropylbenzene	23.5	0.50	ug/L	20.0		118	70-130			
4-Isopropyltoluene	22.0	1.0	ug/L	20.0		110	70-130			
Methyl-tert-Butyl Ether (MTBE)	46.2	1.2	ug/L	40.0		116	58-144			
Methylene Chloride	21.7	5.0	ug/L	20.0		109	50-135			
4-Methyl-2-pentanone (MIBK)	21.1	20	ug/L	20.0		105	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS (B3K1605-BS1) Continued										
Prepared & Analyzed: 11/16/23										
Naphthalene	19.8	2.0	ug/L	20.0		99.2	74-128			
n-Propylbenzene	23.3	0.50	ug/L	20.0		117	70-130			
Styrene	22.1	0.50	ug/L	20.0		111	84-123			
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		106	70-130			
1,1,2,2-Tetrachloroethane	22.3	0.50	ug/L	20.0		111	58-126			
Tetrachloroethylene (PCE)	21.6	0.50	ug/L	20.0		108	70-130			
Toluene	22.2	0.50	ug/L	20.0		111	83-118			
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0		112	77-134			
1,2,4-Trichlorobenzene	22.5	0.50	ug/L	20.0		113	84-128			
1,1,1-Trichloroethane	20.9	0.50	ug/L	20.0		104	66-158			
1,1,2-Trichloroethane	23.0	0.50	ug/L	20.0		115	75-115			
Trichloroethylene (TCE)	21.9	0.50	ug/L	20.0		109	82-128			
Trichlorofluoromethane (R11)	19.7	0.50	ug/L	20.0		98.4	65-137			
1,2,3-Trichloropropane	20.6	0.50	ug/L	20.0		103	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	21.0	0.50	ug/L	20.0		105	62-130			
1,3,5-Trimethylbenzene	22.7	0.50	ug/L	20.0		114	70-130			
1,2,4-Trimethylbenzene	22.3	0.50	ug/L	20.0		112	70-130			
Vinyl chloride	25.2	0.50	ug/L	20.0		126	51-151			
o-Xylene	21.7	0.50	ug/L	20.0		109	70-130			
m,p-Xylenes	45.2	1.0	ug/L	40.0		113	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	50.4		ug/L	50.0		101	80-129			
<i>Surrogate: Dibromofluoromethane</i>	49.1		ug/L	50.0		98.2	68-137			
<i>Surrogate: Toluene-d8</i>	49.6		ug/L	50.0		99.1	83-134			
LCS Dup (B3K1605-BSD1)										
Prepared & Analyzed: 11/16/23										
Acetone	17.5	50	ug/L	20.0		87.4	27-123	17.5	30	
tert-Amyl-Methyl Ether (TAME)	19.1	2.0	ug/L	20.0		95.6	58-133	9.75	30	
Benzene	19.1	0.50	ug/L	20.0		95.4	60-134	16.5	30	
Bromobenzene	20.3	0.50	ug/L	20.0		101	70-130	12.4	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	78-121	8.89	30	
Bromodichloromethane	20.9	0.50	ug/L	20.0		105	74-135	5.35	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS Dup (B3K1605-BSD1) Continued										
Prepared & Analyzed: 11/16/23										
Bromoform	19.6	0.50	ug/L	20.0		97.8	68-132	2.37	30	
Bromomethane	17.3	0.50	ug/L	20.0		86.6	58-142	23.5	30	
2-Butanone (MEK)	21.7	20	ug/L	20.0		109	62-138	1.42	30	
tert-Butyl Alcohol (TBA)	90.3	10	ug/L	100		90.3	65-148	13.5	30	
sec-Butylbenzene	19.2	0.50	ug/L	20.0		96.0	84-142	14.1	30	
tert-Butylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	13.3	30	
n-Butylbenzene	19.0	0.50	ug/L	20.0		94.8	70-130	18.0	30	
Carbon Disulfide	16.2	0.50	ug/L	20.0		81.0	17-177	23.4	30	
Carbon Tetrachloride	17.4	0.50	ug/L	20.0		87.0	66-155	17.4	30	
Chlorobenzene	18.9	0.50	ug/L	20.0		94.6	70-130	16.8	30	
Chloroethane	20.7	0.50	ug/L	20.0		103	45-166	9.97	30	
Chloroform	19.4	0.50	ug/L	20.0		97.1	71-131	15.8	30	
Chloromethane	21.3	0.50	ug/L	20.0		106	48-152	12.1	30	
2-Chlorotoluene	19.0	0.50	ug/L	20.0		94.8	70-130	16.1	30	
4-Chlorotoluene	19.1	0.50	ug/L	20.0		95.3	70-130	18.3	30	
1,2-Dibromo-3-chloropropane	21.6	1.0	ug/L	20.0		108	53-145	4.31	30	
Dibromochloromethane	19.9	0.50	ug/L	20.0		99.7	72-133	6.13	30	
1,2-Dibromoethane (EDB)	20.8	0.50	ug/L	20.0		104	79-120	4.88	30	
Dibromomethane	21.4	0.50	ug/L	20.0		107	68-124	5.54	30	
1,3-Dichlorobenzene	18.6	0.50	ug/L	20.0		92.8	70-130	17.4	30	
1,2-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.1	70-130	12.7	30	
1,4-Dichlorobenzene	19.1	0.50	ug/L	20.0		95.6	70-130	14.4	30	
Dichlorodifluoromethane (R12)	20.9	0.50	ug/L	20.0		105	16-148	7.93	30	
1,1-Dichloroethane	19.3	0.50	ug/L	20.0		96.6	67-120	17.7	30	
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		98.8	57-156	6.70	30	
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0		91.9	50-149	23.7	30	
trans-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0		93.5	66-126	18.5	30	
cis-1,2-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	70-124	17.7	30	
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		102	53-139	9.30	30	
2,2-Dichloropropane	16.9	0.50	ug/L	20.0		84.4	44-162	22.8	30	
1,3-Dichloropropane	20.1	0.50	ug/L	20.0		101	79-113	8.97	30	
cis-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	67-127	10.6	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS Dup (B3K1605-BSD1) Continued										
Prepared & Analyzed: 11/16/23										
trans-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0		101	76-121	10.7	30	
1,1-Dichloropropylene	18.2	0.50	ug/L	20.0		90.9	84-124	19.3	30	
Diisopropyl ether (DIPE)	20.8	2.0	ug/L	20.0		104	51-136	12.4	30	
Ethylbenzene	19.6	0.50	ug/L	20.0		97.8	86-124	16.0	30	
Ethyl-tert-Butyl Ether (ETBE)	18.5	2.0	ug/L	20.0		92.4	62-136	20.0	30	
Gasoline Range Organics (GRO)	534	100	ug/L	500		107	60-123	1.93	30	
Hexachlorobutadiene	18.3	1.0	ug/L	20.0		91.3	76-140	16.0	30	
2-Hexanone (MBK)	20.4	20	ug/L	20.0		102	52-123	0.888	30	
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.3	70-130	17.8	30	
4-Isopropyltoluene	18.3	1.0	ug/L	20.0		91.4	70-130	18.6	30	
Methyl-tert-Butyl Ether (MTBE)	36.0	1.2	ug/L	40.0		90.1	58-144	24.8	30	
Methylene Chloride	19.2	5.0	ug/L	20.0		96.1	50-135	12.2	30	
4-Methyl-2-pentanone (MIBK)	20.9	20	ug/L	20.0		105	49-139	0.714	30	
Naphthalene	19.6	2.0	ug/L	20.0		97.8	74-128	1.37	30	
n-Propylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	17.0	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	84-123	13.9	30	
1,1,1,2-Tetrachloroethane	18.7	0.50	ug/L	20.0		93.5	70-130	12.9	30	
1,1,2,2-Tetrachloroethane	21.9	0.50	ug/L	20.0		110	58-126	1.68	30	
Tetrachloroethylene (PCE)	18.0	0.50	ug/L	20.0		89.8	70-130	18.2	30	
Toluene	18.4	0.50	ug/L	20.0		92.1	83-118	18.7	30	
1,2,3-Trichlorobenzene	19.4	0.50	ug/L	20.0		96.8	77-134	14.2	30	
1,2,4-Trichlorobenzene	19.0	0.50	ug/L	20.0		95.2	84-128	16.7	30	
1,1,1-Trichloroethane	18.1	0.50	ug/L	20.0		90.3	66-158	14.5	30	
1,1,2-Trichloroethane	21.2	0.50	ug/L	20.0		106	75-115	8.07	30	
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0		95.7	82-128	13.4	30	
Trichlorofluoromethane (R11)	18.6	0.50	ug/L	20.0		93.0	65-137	5.59	30	
1,2,3-Trichloropropane	20.2	0.50	ug/L	20.0		101	68-123	2.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.3	0.50	ug/L	20.0		91.4	62-130	13.8	30	
1,3,5-Trimethylbenzene	19.5	0.50	ug/L	20.0		97.4	70-130	15.3	30	
1,2,4-Trimethylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	14.3	30	
Vinyl chloride	22.4	0.50	ug/L	20.0		112	51-151	11.7	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS Dup (B3K1605-BSD1) Continued										
Prepared & Analyzed: 11/16/23										
o-Xylene	18.9	0.50	ug/L	20.0		94.4	70-130	13.9	30	
m,p-Xylenes	38.7	1.0	ug/L	40.0		96.7	70-130	15.6	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.0</i>	<i>83-134</i>			
Matrix Spike (B3K1605-MS1)										
Source: 3K16008-03 Prepared & Analyzed: 11/16/23										
Acetone	45.0	50	ug/L	20.0	33.7	56.2	11-169			
tert-Amyl-Methyl Ether (TAME)	19.3	2.0	ug/L	20.0		96.4	66-133			
Benzene	21.1	0.50	ug/L	20.0		106	56-135			
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	74-125			
Bromodichloromethane	20.9	0.50	ug/L	20.0		104	68-144			
Bromoform	20.5	0.50	ug/L	20.0		102	68-151			
Bromomethane	18.4	0.50	ug/L	20.0		92.0	54-142			
2-Butanone (MEK)	21.5	20	ug/L	20.0		107	62-145			
tert-Butyl Alcohol (TBA)	85.9	10	ug/L	100		85.9	73-162			
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-145			
tert-Butylbenzene	20.7	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	20.0	0.50	ug/L	20.0	0.700	96.6	28-151			
Carbon Tetrachloride	19.5	0.50	ug/L	20.0		97.6	58-164			
Chlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Chloroethane	21.5	0.50	ug/L	20.0		108	42-164			
Chloroform	20.9	0.50	ug/L	20.0		104	65-138			
Chloromethane	22.5	0.50	ug/L	20.0		113	50-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dibromo-3-chloropropane	21.7	1.0	ug/L	20.0		109	53-161			
Dibromochloromethane	21.3	0.50	ug/L	20.0		106	70-130			
1,2-Dibromoethane (EDB)	21.7	0.50	ug/L	20.0		108	76-130			
Dibromomethane	21.1	0.50	ug/L	20.0		106	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike (B3K1605-MS1) Continued Source: 3K16008-03 Prepared & Analyzed: 11/16/23										
1,3-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	20.7	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	21.0	0.50	ug/L	20.0		105	17-153			
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	55-131			
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		98.9	52-168			
1,1-Dichloroethylene	21.9	0.50	ug/L	20.0		109	51-140			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		106	59-127			
cis-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichloropropane	20.7	0.50	ug/L	20.0		103	52-142			
2,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.4	36-168			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	80-121			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	66-130			
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130			
1,1-Dichloropropylene	21.0	0.50	ug/L	20.0		105	76-132			
Diisopropyl ether (DIPE)	21.0	2.0	ug/L	20.0		105	52-138			
Ethylbenzene	21.5	0.50	ug/L	20.0		107	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.7	2.0	ug/L	20.0		98.6	64-137			
Hexachlorobutadiene	17.9	1.0	ug/L	20.0		89.6	70-130			
2-Hexanone (MBK)	20.8	20	ug/L	20.0		104	52-141			
Isopropylbenzene	21.5	0.50	ug/L	20.0		108	70-130			
4-Isopropyltoluene	20.6	1.0	ug/L	20.0		103	83-149			
Methyl-tert-Butyl Ether (MTBE)	38.9	1.2	ug/L	40.0		97.4	56-150			
Methylene Chloride	19.9	5.0	ug/L	20.0		99.5	70-130			
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0		104	60-148			
Naphthalene	20.7	2.0	ug/L	20.0	0.970	98.4	70-130			
n-Propylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
Styrene	20.6	0.50	ug/L	20.0		103	65-141			
1,1,1,2-Tetrachloroethane	20.1	0.50	ug/L	20.0		101	70-130			
1,1,2,2-Tetrachloroethane	22.2	0.50	ug/L	20.0		111	62-134			
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130			
Toluene	20.9	0.50	ug/L	20.0		104	81-123			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike (B3K1605-MS1) Continued Source: 3K16008-03 Prepared & Analyzed: 11/16/23										
1,2,3-Trichlorobenzene	19.3	0.50	ug/L	20.0		96.6	73-144			
1,2,4-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.2	80-137			
1,1,1-Trichloroethane	20.1	0.50	ug/L	20.0		101	62-164			
1,1,2-Trichloroethane	22.5	0.50	ug/L	20.0		112	76-122			
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0		104	72-136			
Trichlorofluoromethane (R11)	18.8	0.50	ug/L	20.0		93.9	59-144			
1,2,3-Trichloropropane	20.7	0.50	ug/L	20.0		104	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.0	0.50	ug/L	20.0		94.9	62-126			
1,3,5-Trimethylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
1,2,4-Trimethylbenzene	21.4	0.50	ug/L	20.0	0.520	104	89-134			
Vinyl chloride	24.1	0.50	ug/L	20.0		120	54-150			
o-Xylene	20.4	0.50	ug/L	20.0		102	70-130			
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
Matrix Spike Dup (B3K1605-MSD1) Source: 3K16008-03 Prepared: 11/16/23 Analyzed: 11/17/23										
Acetone	40.7	50	ug/L	20.0	33.7	35.0	11-169	9.87	30	
tert-Amyl-Methyl Ether (TAME)	17.7	2.0	ug/L	20.0		88.6	66-133	8.43	30	
Benzene	20.7	0.50	ug/L	20.0		104	56-135	1.91	30	
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130	0.141	30	
Bromochloromethane	20.2	0.50	ug/L	20.0		101	74-125	4.37	30	
Bromodichloromethane	20.5	0.50	ug/L	20.0		103	68-144	1.59	30	
Bromoform	19.3	0.50	ug/L	20.0		96.6	68-151	5.73	30	
Bromomethane	21.3	0.50	ug/L	20.0		106	54-142	14.5	30	
2-Butanone (MEK)	19.3	20	ug/L	20.0		96.4	62-145	10.9	30	
tert-Butyl Alcohol (TBA)	82.0	10	ug/L	100		82.0	73-162	4.62	30	
sec-Butylbenzene	20.8	0.50	ug/L	20.0		104	84-145	1.11	30	
tert-Butylbenzene	21.1	0.50	ug/L	20.0		106	70-130	2.01	30	
n-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.14	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike Dup (B3K1605-MSD1) Source: 3K16008-03 Prepared: 11/16/23 Analyzed: 11/17/23										
Continued										
Carbon Disulfide	19.5	0.50	ug/L	20.0	0.700	93.9	28-151	2.68	30	
Carbon Tetrachloride	19.4	0.50	ug/L	20.0		96.8	58-164	0.823	30	
Chlorobenzene	21.1	0.50	ug/L	20.0		105	70-130	1.34	30	
Chloroethane	21.3	0.50	ug/L	20.0		107	42-164	0.934	30	
Chloroform	20.7	0.50	ug/L	20.0		103	65-138	1.15	30	
Chloromethane	22.3	0.50	ug/L	20.0		111	50-152	1.12	30	
2-Chlorotoluene	21.1	0.50	ug/L	20.0		106	70-130	0.614	30	
4-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130	0.940	30	
1,2-Dibromo-3-chloropropane	20.3	1.0	ug/L	20.0		102	53-161	6.76	30	
Dibromochloromethane	20.1	0.50	ug/L	20.0		100	70-130	5.86	30	
1,2-Dibromoethane (EDB)	21.5	0.50	ug/L	20.0		107	76-130	0.928	30	
Dibromomethane	20.2	0.50	ug/L	20.0		101	62-135	4.75	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	1.36	30	
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130	1.76	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		103	70-130	0.722	30	
Dichlorodifluoromethane (R12)	20.8	0.50	ug/L	20.0		104	17-153	1.39	30	
1,1-Dichloroethane	21.4	0.50	ug/L	20.0		107	55-131	0.560	30	
1,2-Dichloroethane (EDC)	19.0	0.50	ug/L	20.0		95.0	52-168	4.02	30	
1,1-Dichloroethylene	21.2	0.50	ug/L	20.0		106	51-140	3.20	30	
trans-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		103	59-127	2.88	30	
cis-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0		99.7	70-130	2.67	30	
1,2-Dichloropropane	20.2	0.50	ug/L	20.0		101	52-142	2.30	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.5	36-168	0.979	30	
1,3-Dichloropropane	21.1	0.50	ug/L	20.0		106	80-121	0.425	30	
cis-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	66-130	1.79	30	
trans-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	78-130	3.96	30	
1,1-Dichloropropylene	20.2	0.50	ug/L	20.0		101	76-132	3.84	30	
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		104	52-138	0.621	30	
Ethylbenzene	21.4	0.50	ug/L	20.0		107	86-128	0.420	30	
Ethyl-tert-Butyl Ether (ETBE)	18.2	2.0	ug/L	20.0		91.0	64-137	8.07	30	
Hexachlorobutadiene	17.8	1.0	ug/L	20.0		89.2	70-130	0.503	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

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Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike Dup (B3K1605-MSD1) Source: 3K16008-03 Prepared: 11/16/23 Analyzed: 11/17/23										
Continued										
2-Hexanone (MBK)	19.1	20	ug/L	20.0		95.6	52-141	8.18	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	0.510	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	83-149	0.919	30	
Methyl-tert-Butyl Ether (MTBE)	37.1	1.2	ug/L	40.0		92.8	56-150	4.79	30	
Methylene Chloride	19.5	5.0	ug/L	20.0		97.6	70-130	1.88	30	
4-Methyl-2-pentanone (MIBK)	18.9	20	ug/L	20.0		94.6	60-148	9.66	30	
Naphthalene	21.1	2.0	ug/L	20.0	0.970	101	70-130	2.06	30	
n-Propylbenzene	21.8	0.50	ug/L	20.0		109	70-130	0.322	30	
Styrene	20.2	0.50	ug/L	20.0		101	65-141	2.16	30	
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.3	70-130	1.35	30	
1,1,2,2-Tetrachloroethane	21.4	0.50	ug/L	20.0		107	62-134	3.81	30	
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0		103	70-130	0.484	30	
Toluene	21.1	0.50	ug/L	20.0		106	81-123	1.33	30	
1,2,3-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.6	73-144	3.06	30	
1,2,4-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.1	80-137	0.0520	30	
1,1,1-Trichloroethane	20.4	0.50	ug/L	20.0		102	62-164	1.48	30	
1,1,2-Trichloroethane	21.4	0.50	ug/L	20.0		107	76-122	4.78	30	
Trichloroethylene (TCE)	20.5	0.50	ug/L	20.0		102	72-136	1.45	30	
Trichlorofluoromethane (R11)	18.5	0.50	ug/L	20.0		92.6	59-144	1.39	30	
1,2,3-Trichloropropane	20.2	0.50	ug/L	20.0		101	69-135	2.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.2	0.50	ug/L	20.0		96.2	62-126	1.36	30	
1,3,5-Trimethylbenzene	21.4	0.50	ug/L	20.0		107	70-130	1.16	30	
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0	0.520	102	89-134	2.08	30	
Vinyl chloride	24.3	0.50	ug/L	20.0		122	54-150	0.991	30	
o-Xylene	20.3	0.50	ug/L	20.0		101	70-130	0.688	30	
m,p-Xylenes	42.0	1.0	ug/L	40.0		105	70-130	0.167	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Blank (B3K1605-BLK1)										
Prepared & Analyzed: 11/16/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Blank (B3K1605-BLK1) Continued										
Prepared & Analyzed: 11/16/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

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LABORATORY ANALYSIS RESULTS

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Blank (B3K1605-BLK1) Continued										
Prepared & Analyzed: 11/16/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>51.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>83-134</i>			
LCS (B3K1605-BS1)										
Prepared & Analyzed: 11/16/23										
Acetone	20.8	50	ug/L	20.0		104	27-123			
tert-Amyl-Methyl Ether (TAME)	21.1	2.0	ug/L	20.0		105	58-133			
Benzene	22.5	0.50	ug/L	20.0		112	60-134			
Bromobenzene	23.0	0.50	ug/L	20.0		115	70-130			
Bromochloromethane	22.8	0.50	ug/L	20.0		114	78-121			
Bromodichloromethane	22.1	0.50	ug/L	20.0		110	74-135			
Bromoform	20.0	0.50	ug/L	20.0		100	68-132			
Bromomethane	21.9	0.50	ug/L	20.0		110	58-142			
2-Butanone (MEK)	22.0	20	ug/L	20.0		110	62-138			
tert-Butyl Alcohol (TBA)	103	10	ug/L	100		103	65-148			
sec-Butylbenzene	22.1	0.50	ug/L	20.0		111	84-142			
tert-Butylbenzene	22.1	0.50	ug/L	20.0		111	70-130			
n-Butylbenzene	22.7	0.50	ug/L	20.0		114	70-130			
Carbon Disulfide	20.5	0.50	ug/L	20.0		103	17-177			
Carbon Tetrachloride	20.7	0.50	ug/L	20.0		104	66-155			
Chlorobenzene	22.4	0.50	ug/L	20.0		112	70-130			
Chloroethane	22.8	0.50	ug/L	20.0		114	45-166			
Chloroform	22.8	0.50	ug/L	20.0		114	71-131			
Chloromethane	24.0	0.50	ug/L	20.0		120	48-152			
2-Chlorotoluene	22.3	0.50	ug/L	20.0		112	70-130			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS (B3K1605-BS1) Continued										
Prepared & Analyzed: 11/16/23										
4-Chlorotoluene	22.9	0.50	ug/L	20.0		114	70-130			
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0		103	53-145			
Dibromochloromethane	21.2	0.50	ug/L	20.0		106	72-133			
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120			
Dibromomethane	22.6	0.50	ug/L	20.0		113	68-124			
1,3-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
1,2-Dichlorobenzene	22.3	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
Dichlorodifluoromethane (R12)	22.7	0.50	ug/L	20.0		113	16-148			
1,1-Dichloroethane	23.1	0.50	ug/L	20.0		115	67-120			
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156			
1,1-Dichloroethylene	23.3	0.50	ug/L	20.0		117	50-149			
trans-1,2-Dichloroethylene	22.5	0.50	ug/L	20.0		113	66-126			
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-124			
1,2-Dichloropropane	22.3	0.50	ug/L	20.0		111	53-139			
2,2-Dichloropropane	21.2	0.50	ug/L	20.0		106	44-162			
1,3-Dichloropropane	22.0	0.50	ug/L	20.0		110	79-113			
cis-1,3-Dichloropropylene	22.7	0.50	ug/L	20.0		114	67-127			
trans-1,3-Dichloropropylene	22.4	0.50	ug/L	20.0		112	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		110	84-124			
Diisopropyl ether (DIPE)	23.5	2.0	ug/L	20.0		118	51-136			
Ethylbenzene	23.0	0.50	ug/L	20.0		115	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.6	2.0	ug/L	20.0		113	62-136			
Hexachlorobutadiene	21.4	1.0	ug/L	20.0		107	76-140			
2-Hexanone (MBK)	20.2	20	ug/L	20.0		101	52-123			
Isopropylbenzene	23.5	0.50	ug/L	20.0		118	70-130			
4-Isopropyltoluene	22.0	1.0	ug/L	20.0		110	70-130			
Methyl-tert-Butyl Ether (MTBE)	46.2	1.2	ug/L	40.0		116	58-144			
Methylene Chloride	21.7	5.0	ug/L	20.0		109	50-135			
4-Methyl-2-pentanone (MIBK)	21.1	20	ug/L	20.0		105	49-139			
Naphthalene	19.8	2.0	ug/L	20.0		99.2	74-128			
n-Propylbenzene	23.3	0.50	ug/L	20.0		117	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS (B3K1605-BS1) Continued										
Prepared & Analyzed: 11/16/23										
Styrene	22.1	0.50	ug/L	20.0		111	84-123			
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		106	70-130			
1,1,2,2-Tetrachloroethane	22.3	0.50	ug/L	20.0		111	58-126			
Tetrachloroethylene (PCE)	21.6	0.50	ug/L	20.0		108	70-130			
Toluene	22.2	0.50	ug/L	20.0		111	83-118			
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0		112	77-134			
1,2,4-Trichlorobenzene	22.5	0.50	ug/L	20.0		113	84-128			
1,1,1-Trichloroethane	20.9	0.50	ug/L	20.0		104	66-158			
1,1,2-Trichloroethane	23.0	0.50	ug/L	20.0		115	75-115			
Trichloroethylene (TCE)	21.9	0.50	ug/L	20.0		109	82-128			
Trichlorofluoromethane (R11)	19.7	0.50	ug/L	20.0		98.4	65-137			
1,2,3-Trichloropropane	20.6	0.50	ug/L	20.0		103	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	21.0	0.50	ug/L	20.0		105	62-130			
1,3,5-Trimethylbenzene	22.7	0.50	ug/L	20.0		114	70-130			
1,2,4-Trimethylbenzene	22.3	0.50	ug/L	20.0		112	70-130			
Vinyl chloride	25.2	0.50	ug/L	20.0		126	51-151			
o-Xylene	21.7	0.50	ug/L	20.0		109	70-130			
m,p-Xylenes	45.2	1.0	ug/L	40.0		113	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.1</i>	<i>83-134</i>			
LCS Dup (B3K1605-BSD1)										
Prepared & Analyzed: 11/16/23										
Acetone	17.5	50	ug/L	20.0		87.4	27-123	17.5	30	
tert-Amyl-Methyl Ether (TAME)	19.1	2.0	ug/L	20.0		95.6	58-133	9.75	30	
Benzene	19.1	0.50	ug/L	20.0		95.4	60-134	16.5	30	
Bromobenzene	20.3	0.50	ug/L	20.0		101	70-130	12.4	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	78-121	8.89	30	
Bromodichloromethane	20.9	0.50	ug/L	20.0		105	74-135	5.35	30	
Bromoform	19.6	0.50	ug/L	20.0		97.8	68-132	2.37	30	
Bromomethane	17.3	0.50	ug/L	20.0		86.6	58-142	23.5	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS Dup (B3K1605-BSD1) Continued										
Prepared & Analyzed: 11/16/23										
2-Butanone (MEK)	21.7	20	ug/L	20.0		109	62-138	1.42	30	
tert-Butyl Alcohol (TBA)	90.3	10	ug/L	100		90.3	65-148	13.5	30	
sec-Butylbenzene	19.2	0.50	ug/L	20.0		96.0	84-142	14.1	30	
tert-Butylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	13.3	30	
n-Butylbenzene	19.0	0.50	ug/L	20.0		94.8	70-130	18.0	30	
Carbon Disulfide	16.2	0.50	ug/L	20.0		81.0	17-177	23.4	30	
Carbon Tetrachloride	17.4	0.50	ug/L	20.0		87.0	66-155	17.4	30	
Chlorobenzene	18.9	0.50	ug/L	20.0		94.6	70-130	16.8	30	
Chloroethane	20.7	0.50	ug/L	20.0		103	45-166	9.97	30	
Chloroform	19.4	0.50	ug/L	20.0		97.1	71-131	15.8	30	
Chloromethane	21.3	0.50	ug/L	20.0		106	48-152	12.1	30	
2-Chlorotoluene	19.0	0.50	ug/L	20.0		94.8	70-130	16.1	30	
4-Chlorotoluene	19.1	0.50	ug/L	20.0		95.3	70-130	18.3	30	
1,2-Dibromo-3-chloropropane	21.6	1.0	ug/L	20.0		108	53-145	4.31	30	
Dibromochloromethane	19.9	0.50	ug/L	20.0		99.7	72-133	6.13	30	
1,2-Dibromoethane (EDB)	20.8	0.50	ug/L	20.0		104	79-120	4.88	30	
Dibromomethane	21.4	0.50	ug/L	20.0		107	68-124	5.54	30	
1,3-Dichlorobenzene	18.6	0.50	ug/L	20.0		92.8	70-130	17.4	30	
1,2-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.1	70-130	12.7	30	
1,4-Dichlorobenzene	19.1	0.50	ug/L	20.0		95.6	70-130	14.4	30	
Dichlorodifluoromethane (R12)	20.9	0.50	ug/L	20.0		105	16-148	7.93	30	
1,1-Dichloroethane	19.3	0.50	ug/L	20.0		96.6	67-120	17.7	30	
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		98.8	57-156	6.70	30	
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0		91.9	50-149	23.7	30	
trans-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0		93.5	66-126	18.5	30	
cis-1,2-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	70-124	17.7	30	
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		102	53-139	9.30	30	
2,2-Dichloropropane	16.9	0.50	ug/L	20.0		84.4	44-162	22.8	30	
1,3-Dichloropropane	20.1	0.50	ug/L	20.0		101	79-113	8.97	30	
cis-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	67-127	10.6	30	
trans-1,3-Dichloropropylene	20.1	0.50	ug/L	20.0		101	76-121	10.7	30	
1,1-Dichloropropylene	18.2	0.50	ug/L	20.0		90.9	84-124	19.3	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
LCS Dup (B3K1605-BSD1) Continued										
Prepared & Analyzed: 11/16/23										
Diisopropyl ether (DIPE)	20.8	2.0	ug/L	20.0		104	51-136	12.4	30	
Ethylbenzene	19.6	0.50	ug/L	20.0		97.8	86-124	16.0	30	
Ethyl-tert-Butyl Ether (ETBE)	18.5	2.0	ug/L	20.0		92.4	62-136	20.0	30	
Hexachlorobutadiene	18.3	1.0	ug/L	20.0		91.3	76-140	16.0	30	
2-Hexanone (MBK)	20.4	20	ug/L	20.0		102	52-123	0.888	30	
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.3	70-130	17.8	30	
4-Isopropyltoluene	18.3	1.0	ug/L	20.0		91.4	70-130	18.6	30	
Methyl-tert-Butyl Ether (MTBE)	36.0	1.2	ug/L	40.0		90.1	58-144	24.8	30	
Methylene Chloride	19.2	5.0	ug/L	20.0		96.1	50-135	12.2	30	
4-Methyl-2-pentanone (MIBK)	20.9	20	ug/L	20.0		105	49-139	0.714	30	
Naphthalene	19.6	2.0	ug/L	20.0		97.8	74-128	1.37	30	
n-Propylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	17.0	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	84-123	13.9	30	
1,1,1,2-Tetrachloroethane	18.7	0.50	ug/L	20.0		93.5	70-130	12.9	30	
1,1,2,2-Tetrachloroethane	21.9	0.50	ug/L	20.0		110	58-126	1.68	30	
Tetrachloroethylene (PCE)	18.0	0.50	ug/L	20.0		89.8	70-130	18.2	30	
Toluene	18.4	0.50	ug/L	20.0		92.1	83-118	18.7	30	
1,2,3-Trichlorobenzene	19.4	0.50	ug/L	20.0		96.8	77-134	14.2	30	
1,2,4-Trichlorobenzene	19.0	0.50	ug/L	20.0		95.2	84-128	16.7	30	
1,1,1-Trichloroethane	18.1	0.50	ug/L	20.0		90.3	66-158	14.5	30	
1,1,2-Trichloroethane	21.2	0.50	ug/L	20.0		106	75-115	8.07	30	
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0		95.7	82-128	13.4	30	
Trichlorofluoromethane (R11)	18.6	0.50	ug/L	20.0		93.0	65-137	5.59	30	
1,2,3-Trichloropropane	20.2	0.50	ug/L	20.0		101	68-123	2.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.3	0.50	ug/L	20.0		91.4	62-130	13.8	30	
1,3,5-Trimethylbenzene	19.5	0.50	ug/L	20.0		97.4	70-130	15.3	30	
1,2,4-Trimethylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	14.3	30	
Vinyl chloride	22.4	0.50	ug/L	20.0		112	51-151	11.7	30	
o-Xylene	18.9	0.50	ug/L	20.0		94.4	70-130	13.9	30	
m,p-Xylenes	38.7	1.0	ug/L	40.0		96.7	70-130	15.6	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K1605 - EPA 5030B

LCS Dup (B3K1605-BSD1) Continued

Prepared & Analyzed: 11/16/23

Surrogate: 4-Bromofluorobenzene	49.6		ug/L	50.0		99.1	80-129			
Surrogate: Dibromofluoromethane	51.2		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	49.5		ug/L	50.0		99.0	83-134			

Matrix Spike (B3K1605-MS1)

Source: 3K16008-03 Prepared & Analyzed: 11/16/23

Acetone	45.0	50	ug/L	20.0	33.7	56.2	11-169			
tert-Amyl-Methyl Ether (TAME)	19.3	2.0	ug/L	20.0		96.4	66-133			
Benzene	21.1	0.50	ug/L	20.0		106	56-135			
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130			
Bromochloromethane	21.0	0.50	ug/L	20.0		105	74-125			
Bromodichloromethane	20.9	0.50	ug/L	20.0		104	68-144			
Bromoform	20.5	0.50	ug/L	20.0		102	68-151			
Bromomethane	18.4	0.50	ug/L	20.0		92.0	54-142			
2-Butanone (MEK)	21.5	20	ug/L	20.0		107	62-145			
tert-Butyl Alcohol (TBA)	85.9	10	ug/L	100		85.9	73-162			
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-145			
tert-Butylbenzene	20.7	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	20.0	0.50	ug/L	20.0	0.700	96.6	28-151			
Carbon Tetrachloride	19.5	0.50	ug/L	20.0		97.6	58-164			
Chlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Chloroethane	21.5	0.50	ug/L	20.0		108	42-164			
Chloroform	20.9	0.50	ug/L	20.0		104	65-138			
Chloromethane	22.5	0.50	ug/L	20.0	0.400	111	50-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dibromo-3-chloropropane	21.7	1.0	ug/L	20.0		109	53-161			
Dibromochloromethane	21.3	0.50	ug/L	20.0		106	70-130			
1,2-Dibromoethane (EDB)	21.7	0.50	ug/L	20.0		108	76-130			
Dibromomethane	21.1	0.50	ug/L	20.0		106	62-135			
1,3-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	20.7	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike (B3K1605-MS1) Continued Source: 3K16008-03 Prepared & Analyzed: 11/16/23										
Dichlorodifluoromethane (R12)	21.0	0.50	ug/L	20.0		105	17-153			
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	55-131			
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		98.9	52-168			
1,1-Dichloroethylene	21.9	0.50	ug/L	20.0		109	51-140			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		106	59-127			
cis-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichloropropane	20.7	0.50	ug/L	20.0		103	52-142			
2,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.4	36-168			
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	80-121			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	66-130			
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130			
1,1-Dichloropropylene	21.0	0.50	ug/L	20.0		105	76-132			
Diisopropyl ether (DIPE)	21.0	2.0	ug/L	20.0		105	52-138			
Ethylbenzene	21.5	0.50	ug/L	20.0		107	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.7	2.0	ug/L	20.0		98.6	64-137			
Hexachlorobutadiene	17.9	1.0	ug/L	20.0		89.6	70-130			
2-Hexanone (MBK)	20.8	20	ug/L	20.0		104	52-141			
Isopropylbenzene	21.5	0.50	ug/L	20.0		108	70-130			
4-Isopropyltoluene	20.6	1.0	ug/L	20.0		103	83-149			
Methyl-tert-Butyl Ether (MTBE)	38.9	1.2	ug/L	40.0		97.4	56-150			
Methylene Chloride	19.9	5.0	ug/L	20.0		99.5	70-130			
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0		104	60-148			
Naphthalene	20.7	2.0	ug/L	20.0	0.970	98.4	70-130			
n-Propylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
Styrene	20.6	0.50	ug/L	20.0		103	65-141			
1,1,1,2-Tetrachloroethane	20.1	0.50	ug/L	20.0		101	70-130			
1,1,2,2-Tetrachloroethane	22.2	0.50	ug/L	20.0		111	62-134			
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130			
Toluene	20.9	0.50	ug/L	20.0		104	81-123			
1,2,3-Trichlorobenzene	19.3	0.50	ug/L	20.0		96.6	73-144			
1,2,4-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.2	80-137			
1,1,1-Trichloroethane	20.1	0.50	ug/L	20.0		101	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike (B3K1605-MS1) Continued Source: 3K16008-03 Prepared & Analyzed: 11/16/23										
1,1,2-Trichloroethane	22.5	0.50	ug/L	20.0		112	76-122			
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0		104	72-136			
Trichlorofluoromethane (R11)	18.8	0.50	ug/L	20.0		93.9	59-144			
1,2,3-Trichloropropane	20.7	0.50	ug/L	20.0		104	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.0	0.50	ug/L	20.0		94.9	62-126			
1,3,5-Trimethylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
1,2,4-Trimethylbenzene	21.4	0.50	ug/L	20.0	0.520	104	89-134			
Vinyl chloride	24.1	0.50	ug/L	20.0		120	54-150			
o-Xylene	20.4	0.50	ug/L	20.0		102	70-130			
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
Matrix Spike Dup (B3K1605-MSD1) Source: 3K16008-03 Prepared: 11/16/23 Analyzed: 11/17/23										
Acetone	40.7	50	ug/L	20.0	33.7	35.0	11-169	9.87	30	
tert-Amyl-Methyl Ether (TAME)	17.7	2.0	ug/L	20.0		88.6	66-133	8.43	30	
Benzene	20.7	0.50	ug/L	20.0		104	56-135	1.91	30	
Bromobenzene	21.3	0.50	ug/L	20.0		107	70-130	0.141	30	
Bromochloromethane	20.2	0.50	ug/L	20.0		101	74-125	4.37	30	
Bromodichloromethane	20.5	0.50	ug/L	20.0		103	68-144	1.59	30	
Bromoform	19.3	0.50	ug/L	20.0		96.6	68-151	5.73	30	
Bromomethane	21.3	0.50	ug/L	20.0		106	54-142	14.5	30	
2-Butanone (MEK)	19.3	20	ug/L	20.0		96.4	62-145	10.9	30	
tert-Butyl Alcohol (TBA)	82.0	10	ug/L	100		82.0	73-162	4.62	30	
sec-Butylbenzene	20.8	0.50	ug/L	20.0		104	84-145	1.11	30	
tert-Butylbenzene	21.1	0.50	ug/L	20.0		106	70-130	2.01	30	
n-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.14	30	
Carbon Disulfide	19.5	0.50	ug/L	20.0	0.700	93.9	28-151	2.68	30	
Carbon Tetrachloride	19.4	0.50	ug/L	20.0		96.8	58-164	0.823	30	
Chlorobenzene	21.1	0.50	ug/L	20.0		105	70-130	1.34	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K1605 - EPA 5030B</i>										
Matrix Spike Dup (B3K1605-MSD1) Source: 3K16008-03 Prepared: 11/16/23 Analyzed: 11/17/23										
Continued										
Chloroethane	21.3	0.50	ug/L	20.0		107	42-164	0.934	30	
Chloroform	20.7	0.50	ug/L	20.0		103	65-138	1.15	30	
Chloromethane	22.3	0.50	ug/L	20.0	0.400	109	50-152	1.12	30	
2-Chlorotoluene	21.1	0.50	ug/L	20.0		106	70-130	0.614	30	
4-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130	0.940	30	
1,2-Dibromo-3-chloropropane	20.3	1.0	ug/L	20.0		102	53-161	6.76	30	
Dibromochloromethane	20.1	0.50	ug/L	20.0		100	70-130	5.86	30	
1,2-Dibromoethane (EDB)	21.5	0.50	ug/L	20.0		107	76-130	0.928	30	
Dibromomethane	20.2	0.50	ug/L	20.0		101	62-135	4.75	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	1.36	30	
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130	1.76	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		103	70-130	0.722	30	
Dichlorodifluoromethane (R12)	20.8	0.50	ug/L	20.0		104	17-153	1.39	30	
1,1-Dichloroethane	21.4	0.50	ug/L	20.0		107	55-131	0.560	30	
1,2-Dichloroethane (EDC)	19.0	0.50	ug/L	20.0		95.0	52-168	4.02	30	
1,1-Dichloroethylene	21.2	0.50	ug/L	20.0		106	51-140	3.20	30	
trans-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		103	59-127	2.88	30	
cis-1,2-Dichloroethylene	19.9	0.50	ug/L	20.0		99.7	70-130	2.67	30	
1,2-Dichloropropane	20.2	0.50	ug/L	20.0		101	52-142	2.30	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.5	36-168	0.979	30	
1,3-Dichloropropane	21.1	0.50	ug/L	20.0		106	80-121	0.425	30	
cis-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	66-130	1.79	30	
trans-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	78-130	3.96	30	
1,1-Dichloropropylene	20.2	0.50	ug/L	20.0		101	76-132	3.84	30	
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		104	52-138	0.621	30	
Ethylbenzene	21.4	0.50	ug/L	20.0		107	86-128	0.420	30	
Ethyl-tert-Butyl Ether (ETBE)	18.2	2.0	ug/L	20.0		91.0	64-137	8.07	30	
Hexachlorobutadiene	17.8	1.0	ug/L	20.0		89.2	70-130	0.503	30	
2-Hexanone (MBK)	19.1	20	ug/L	20.0		95.6	52-141	8.18	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	0.510	30	
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	83-149	0.919	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K1605 - EPA 5030B

Matrix Spike Dup (B3K1605-MSD1) Source: 3K16008-03 Prepared: 11/16/23 Analyzed: 11/17/23

Continued

Methyl-tert-Butyl Ether (MTBE)	37.1	1.2	ug/L	40.0		92.8	56-150	4.79	30	
Methylene Chloride	19.5	5.0	ug/L	20.0		97.6	70-130	1.88	30	
4-Methyl-2-pentanone (MIBK)	18.9	20	ug/L	20.0		94.6	60-148	9.66	30	
Naphthalene	21.1	2.0	ug/L	20.0	0.970	101	70-130	2.06	30	
n-Propylbenzene	21.8	0.50	ug/L	20.0		109	70-130	0.322	30	
Styrene	20.2	0.50	ug/L	20.0		101	65-141	2.16	30	
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.3	70-130	1.35	30	
1,1,2,2-Tetrachloroethane	21.4	0.50	ug/L	20.0		107	62-134	3.81	30	
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0		103	70-130	0.484	30	
Toluene	21.1	0.50	ug/L	20.0		106	81-123	1.33	30	
1,2,3-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.6	73-144	3.06	30	
1,2,4-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.1	80-137	0.0520	30	
1,1,1-Trichloroethane	20.4	0.50	ug/L	20.0		102	62-164	1.48	30	
1,1,2-Trichloroethane	21.4	0.50	ug/L	20.0		107	76-122	4.78	30	
Trichloroethylene (TCE)	20.5	0.50	ug/L	20.0		102	72-136	1.45	30	
Trichlorofluoromethane (R11)	18.5	0.50	ug/L	20.0		92.6	59-144	1.39	30	
1,2,3-Trichloropropane	20.2	0.50	ug/L	20.0		101	69-135	2.49	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.2	0.50	ug/L	20.0		96.2	62-126	1.36	30	
1,3,5-Trimethylbenzene	21.4	0.50	ug/L	20.0		107	70-130	1.16	30	
1,2,4-Trimethylbenzene	21.0	0.50	ug/L	20.0	0.520	102	89-134	2.08	30	
Vinyl chloride	24.3	0.50	ug/L	20.0		122	54-150	0.991	30	
o-Xylene	20.3	0.50	ug/L	20.0		101	70-130	0.688	30	
m,p-Xylenes	42.0	1.0	ug/L	40.0		105	70-130	0.167	30	
Surrogate: 4-Bromofluorobenzene	49.6		ug/L	50.0		99.2	80-129			
Surrogate: Dibromofluoromethane	48.2		ug/L	50.0		96.3	68-137			
Surrogate: Toluene-d8	50.6		ug/L	50.0		101	83-134			

Batch B3K2013 - EPA 5030B

Blank (B3K2013-BLK1)

Prepared & Analyzed: 11/20/23

Acetone	<50	50	ug/L							
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS (B3K2013-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	20.2	50	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	20.4	2.0	ug/L	20.0		102	58-133			
Benzene	20.2	0.50	ug/L	20.0		101	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Bromochloromethane	21.5	0.50	ug/L	20.0		108	78-121			
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135			
Bromoform	20.6	0.50	ug/L	20.0		103	68-132			
Bromomethane	19.0	0.50	ug/L	20.0		94.8	58-142			
2-Butanone (MEK)	20.0	20	ug/L	20.0		100	62-138			
tert-Butyl Alcohol (TBA)	97.2	10	ug/L	100		97.2	65-148			
sec-Butylbenzene	20.5	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
n-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
Carbon Disulfide	18.1	0.50	ug/L	20.0		90.6	17-177			
Carbon Tetrachloride	19.7	0.50	ug/L	20.0		98.5	66-155			
Chlorobenzene	21.1	0.50	ug/L	20.0		106	70-130			
Chloroethane	19.7	0.50	ug/L	20.0		98.4	45-166			
Chloroform	21.0	0.50	ug/L	20.0		105	71-131			
Chloromethane	20.8	0.50	ug/L	20.0		104	48-152			
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS (B3K2013-BS1) Continued										
Prepared & Analyzed: 11/20/23										
4-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130			
1,2-Dibromo-3-chloropropane	20.1	1.0	ug/L	20.0		100	53-145			
Dibromochloromethane	20.5	0.50	ug/L	20.0		102	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	21.4	0.50	ug/L	20.0		107	68-124			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.2	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		106	67-120			
1,2-Dichloroethane (EDC)	20.3	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	20.7	0.50	ug/L	20.0		104	50-149			
trans-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	66-126			
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124			
1,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	53-139			
2,2-Dichloropropane	20.0	0.50	ug/L	20.0		100	44-162			
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113			
cis-1,3-Dichloropropylene	21.2	0.50	ug/L	20.0		106	67-127			
trans-1,3-Dichloropropylene	21.5	0.50	ug/L	20.0		107	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		100	84-124			
Diisopropyl ether (DIPE)	20.4	2.0	ug/L	20.0		102	51-136			
Ethylbenzene	21.9	0.50	ug/L	20.0		110	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.4	2.0	ug/L	20.0		112	62-136			
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.3	76-140			
2-Hexanone (MBK)	19.6	20	ug/L	20.0		98.2	52-123			
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
4-Isopropyltoluene	20.3	1.0	ug/L	20.0		101	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.7	1.2	ug/L	40.0		122	58-144			
Methylene Chloride	20.5	5.0	ug/L	20.0		102	50-135			
4-Methyl-2-pentanone (MIBK)	20.5	20	ug/L	20.0		103	49-139			
Naphthalene	19.1	2.0	ug/L	20.0		95.7	74-128			
n-Propylbenzene	21.1	0.50	ug/L	20.0		105	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS (B3K2013-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Styrene	20.8	0.50	ug/L	20.0		104	84-123			
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.4	70-130			
1,1,2,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		108	58-126			
Tetrachloroethylene (PCE)	21.0	0.50	ug/L	20.0		105	70-130			
Toluene	21.1	0.50	ug/L	20.0		106	83-118			
1,2,3-Trichlorobenzene	21.1	0.50	ug/L	20.0		106	77-134			
1,2,4-Trichlorobenzene	21.3	0.50	ug/L	20.0		107	84-128			
1,1,1-Trichloroethane	19.6	0.50	ug/L	20.0		97.9	66-158			
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0		109	75-115			
Trichloroethylene (TCE)	20.2	0.50	ug/L	20.0		101	82-128			
Trichlorofluoromethane (R11)	17.7	0.50	ug/L	20.0		88.5	65-137			
1,2,3-Trichloropropane	20.1	0.50	ug/L	20.0		100	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.6	0.50	ug/L	20.0		88.0	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130			
Vinyl chloride	21.6	0.50	ug/L	20.0		108	51-151			
o-Xylene	20.7	0.50	ug/L	20.0		103	70-130			
m,p-Xylenes	43.0	1.0	ug/L	40.0		108	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.1		ug/L	50.0		98.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	47.9		ug/L	50.0		95.8	68-137			
<i>Surrogate: Toluene-d8</i>	50.0		ug/L	50.0		100	83-134			
LCS Dup (B3K2013-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	19.4	50	ug/L	20.0		97.0	27-123	3.99	30	
tert-Amyl-Methyl Ether (TAME)	20.0	2.0	ug/L	20.0		100	58-133	2.03	30	
Benzene	20.3	0.50	ug/L	20.0		102	60-134	0.345	30	
Bromobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.39	30	
Bromochloromethane	20.9	0.50	ug/L	20.0		104	78-121	3.11	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		104	74-135	0.580	30	
Bromoform	20.7	0.50	ug/L	20.0		103	68-132	0.436	30	
Bromomethane	18.0	0.50	ug/L	20.0		89.9	58-142	5.31	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
2-Butanone (MEK)	21.3	20	ug/L	20.0		106	62-138	6.05	30	
tert-Butyl Alcohol (TBA)	101	10	ug/L	100		101	65-148	3.64	30	
sec-Butylbenzene	19.5	0.50	ug/L	20.0		97.4	84-142	4.95	30	
tert-Butylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	4.03	30	
n-Butylbenzene	19.6	0.50	ug/L	20.0		97.8	70-130	6.33	30	
Carbon Disulfide	17.6	0.50	ug/L	20.0		88.2	17-177	2.63	30	
Carbon Tetrachloride	19.0	0.50	ug/L	20.0		95.2	66-155	3.46	30	
Chlorobenzene	19.9	0.50	ug/L	20.0		99.4	70-130	6.14	30	
Chloroethane	19.5	0.50	ug/L	20.0		97.7	45-166	0.765	30	
Chloroform	20.8	0.50	ug/L	20.0		104	71-131	0.958	30	
Chloromethane	19.7	0.50	ug/L	20.0		98.3	48-152	5.88	30	
2-Chlorotoluene	19.6	0.50	ug/L	20.0		98.0	70-130	4.83	30	
4-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130	4.39	30	
1,2-Dibromo-3-chloropropane	21.5	1.0	ug/L	20.0		108	53-145	6.83	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0		105	72-133	2.12	30	
1,2-Dibromoethane (EDB)	22.0	0.50	ug/L	20.0		110	79-120	2.49	30	
Dibromomethane	22.2	0.50	ug/L	20.0		111	68-124	3.95	30	
1,3-Dichlorobenzene	19.4	0.50	ug/L	20.0		97.0	70-130	5.51	30	
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130	4.10	30	
1,4-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.8	70-130	5.27	30	
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0		97.9	16-148	2.80	30	
1,1-Dichloroethane	21.2	0.50	ug/L	20.0		106	67-120	0.519	30	
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156	3.72	30	
1,1-Dichloroethylene	19.8	0.50	ug/L	20.0		99.2	50-149	4.19	30	
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		101	66-126	2.16	30	
cis-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0		99.0	70-124	1.40	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	5.34	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.7	44-162	6.65	30	
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	79-113	1.51	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	1.23	30	
trans-1,3-Dichloropropylene	20.9	0.50	ug/L	20.0		104	76-121	2.84	30	
1,1-Dichloropropylene	19.2	0.50	ug/L	20.0		96.2	84-124	4.07	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		105	51-136	2.32	30	
Ethylbenzene	20.5	0.50	ug/L	20.0		103	86-124	6.59	30	
Ethyl-tert-Butyl Ether (ETBE)	19.8	2.0	ug/L	20.0		99.2	62-136	12.0	30	
Hexachlorobutadiene	17.9	1.0	ug/L	20.0		89.6	76-140	10.3	30	
2-Hexanone (MBK)	20.9	20	ug/L	20.0		104	52-123	5.97	30	
Isopropylbenzene	20.3	0.50	ug/L	20.0		102	70-130	4.43	30	
4-Isopropyltoluene	19.0	1.0	ug/L	20.0		95.2	70-130	6.21	30	
Methyl-tert-Butyl Ether (MTBE)	41.6	1.2	ug/L	40.0		104	58-144	15.7	30	
Methylene Chloride	20.4	5.0	ug/L	20.0		102	50-135	0.342	30	
4-Methyl-2-pentanone (MIBK)	22.1	20	ug/L	20.0		110	49-139	7.32	30	
Naphthalene	20.5	2.0	ug/L	20.0		103	74-128	7.06	30	
n-Propylbenzene	20.1	0.50	ug/L	20.0		101	70-130	4.66	30	
Styrene	20.0	0.50	ug/L	20.0		100	84-123	3.67	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		99.8	70-130	0.351	30	
1,1,2,2-Tetrachloroethane	22.7	0.50	ug/L	20.0		114	58-126	5.61	30	
Tetrachloroethylene (PCE)	19.2	0.50	ug/L	20.0		95.8	70-130	9.41	30	
Toluene	19.8	0.50	ug/L	20.0		98.8	83-118	6.75	30	
1,2,3-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	77-134	3.37	30	
1,2,4-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.3	84-128	7.09	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0		97.4	66-158	0.563	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		111	75-115	1.96	30	
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.4	82-128	1.50	30	
Trichlorofluoromethane (R11)	17.9	0.50	ug/L	20.0		89.4	65-137	1.07	30	
1,2,3-Trichloropropane	21.1	0.50	ug/L	20.0		105	68-123	4.76	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.1	0.50	ug/L	20.0		85.6	62-130	2.71	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130	5.73	30	
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		99.8	70-130	2.77	30	
Vinyl chloride	21.9	0.50	ug/L	20.0		109	51-151	1.38	30	
o-Xylene	19.9	0.50	ug/L	20.0		99.4	70-130	3.85	30	
m,p-Xylenes	40.2	1.0	ug/L	40.0		100	70-130	6.88	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2013 - EPA 5030B

LCS Dup (B3K2013-BSD1) Continued

Prepared & Analyzed: 11/20/23

Surrogate: 4-Bromofluorobenzene	50.3		ug/L	50.0		101	80-129			
Surrogate: Dibromofluoromethane	51.1		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	50.1		ug/L	50.0		100	83-134			

Matrix Spike (B3K2013-MS1)

Source: 3K07011-05 Prepared & Analyzed: 11/20/23

Acetone	24.7	50	ug/L	20.0	14.6	50.5	11-169			
tert-Amyl-Methyl Ether (TAME)	16.6	2.0	ug/L	20.0	<2.0	82.8	66-133			
Benzene	19.0	0.50	ug/L	20.0	<0.50	94.8	56-135			
Bromobenzene	19.9	0.50	ug/L	20.0	<0.50	99.5	70-130			
Bromochloromethane	19.1	0.50	ug/L	20.0	<0.50	95.4	74-125			
Bromodichloromethane	19.6	0.50	ug/L	20.0	<0.50	98.1	68-144			
Bromoform	18.0	0.50	ug/L	20.0	<0.50	89.8	68-151			
Bromomethane	16.5	0.50	ug/L	20.0	<0.50	82.4	54-142			
2-Butanone (MEK)	18.9	20	ug/L	20.0	<20	94.5	62-145			
tert-Butyl Alcohol (TBA)	84.6	10	ug/L	100	<10	84.6	73-162			
sec-Butylbenzene	18.8	0.50	ug/L	20.0	<0.50	94.0	84-145			
tert-Butylbenzene	18.8	0.50	ug/L	20.0	<0.50	94.2	70-130			
n-Butylbenzene	18.8	0.50	ug/L	20.0	<0.50	94.2	70-130			
Carbon Disulfide	17.1	0.50	ug/L	20.0	<0.50	85.4	28-151			
Carbon Tetrachloride	17.9	0.50	ug/L	20.0	<0.50	89.3	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0	<0.50	95.6	70-130			
Chloroethane	20.8	0.50	ug/L	20.0	<0.50	104	42-164			
Chloroform	19.3	0.50	ug/L	20.0	<0.50	96.5	65-138			
Chloromethane	21.5	0.50	ug/L	20.0	<0.50	107	50-152			
2-Chlorotoluene	19.5	0.50	ug/L	20.0	<0.50	97.5	70-130			
4-Chlorotoluene	19.5	0.50	ug/L	20.0	<0.50	97.4	70-130			
1,2-Dibromo-3-chloropropane	19.3	1.0	ug/L	20.0	<1.0	96.3	53-161			
Dibromochloromethane	18.9	0.50	ug/L	20.0	<0.50	94.5	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0	<0.50	95.4	76-130			
Dibromomethane	19.1	0.50	ug/L	20.0	<0.50	95.6	62-135			
1,3-Dichlorobenzene	19.1	0.50	ug/L	20.0	<0.50	95.6	70-130			
1,2-Dichlorobenzene	19.6	0.50	ug/L	20.0	<0.50	98.0	70-130			
1,4-Dichlorobenzene	19.2	0.50	ug/L	20.0	<0.50	95.8	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike (B3K2013-MS1) Continued Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0	<0.50	98.2	17-153			
1,1-Dichloroethane	19.3	0.50	ug/L	20.0	<0.50	96.6	55-131			
1,2-Dichloroethane (EDC)	18.1	0.50	ug/L	20.0	<0.50	90.4	52-168			
1,1-Dichloroethylene	18.8	0.50	ug/L	20.0	<0.50	94.1	51-140			
trans-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0	<0.50	94.1	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0	<0.50	91.6	70-130			
1,2-Dichloropropane	18.8	0.50	ug/L	20.0	<0.50	93.8	52-142			
2,2-Dichloropropane	17.2	0.50	ug/L	20.0	<0.50	86.0	36-168			
1,3-Dichloropropane	19.2	0.50	ug/L	20.0	<0.50	96.1	80-121			
cis-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0	<0.50	94.6	66-130			
trans-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0	<0.50	95.3	78-130			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0	<0.50	92.4	76-132			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0	<2.0	94.8	52-138			
Ethylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	86-128			
Ethyl-tert-Butyl Ether (ETBE)	16.1	2.0	ug/L	20.0	<2.0	80.4	64-137			
Hexachlorobutadiene	16.3	1.0	ug/L	20.0	<1.0	81.6	70-130			
2-Hexanone (MBK)	17.8	20	ug/L	20.0	<20	88.8	52-141			
Isopropylbenzene	19.7	0.50	ug/L	20.0	<0.50	98.6	70-130			
4-Isopropyltoluene	18.4	1.0	ug/L	20.0	<1.0	91.8	83-149			
Methyl-tert-Butyl Ether (MTBE)	32.5	1.2	ug/L	40.0	<1.2	81.2	56-150			
Methylene Chloride	19.6	5.0	ug/L	20.0	<5.0	97.8	70-130			
4-Methyl-2-pentanone (MIBK)	18.5	20	ug/L	20.0	<20	92.3	60-148			
Naphthalene	18.2	2.0	ug/L	20.0	<2.0	91.0	70-130			
n-Propylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	70-130			
Styrene	19.0	0.50	ug/L	20.0	<0.50	95.0	65-141			
1,1,1,2-Tetrachloroethane	18.3	0.50	ug/L	20.0	<0.50	91.3	70-130			
1,1,2,2-Tetrachloroethane	19.7	0.50	ug/L	20.0	<0.50	98.4	62-134			
Tetrachloroethylene (PCE)	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130			
Toluene	19.0	0.50	ug/L	20.0	<0.50	95.2	81-123			
1,2,3-Trichlorobenzene	17.4	0.50	ug/L	20.0	<0.50	87.2	73-144			
1,2,4-Trichlorobenzene	18.4	0.50	ug/L	20.0	<0.50	91.8	80-137			
1,1,1-Trichloroethane	18.3	0.50	ug/L	20.0	<0.50	91.4	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike (B3K2013-MS1) Continued Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
1,1,2-Trichloroethane	20.4	0.50	ug/L	20.0	<0.50	102	76-122			
Trichloroethylene (TCE)	19.0	0.50	ug/L	20.0	<0.50	95.0	72-136			
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0	<0.50	91.8	59-144			
1,2,3-Trichloropropane	18.1	0.50	ug/L	20.0	<0.50	90.4	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.2	0.50	ug/L	20.0	<0.50	86.2	62-126			
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0	<0.50	96.8	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0	<0.50	96.3	89-134			
Vinyl chloride	22.6	0.50	ug/L	20.0	<0.50	113	54-150			
o-Xylene	18.6	0.50	ug/L	20.0	<0.50	93.2	70-130			
m,p-Xylenes	39.0	1.0	ug/L	40.0	<1.0	97.5	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.7		ug/L	50.0		99.4	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.9		ug/L	50.0		97.8	68-137			
<i>Surrogate: Toluene-d8</i>	50.8		ug/L	50.0		102	83-134			
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Acetone	27.9	50	ug/L	20.0	14.6	66.7	11-169	12.3	30	
tert-Amyl-Methyl Ether (TAME)	18.9	2.0	ug/L	20.0	<2.0	94.7	66-133	13.3	30	
Benzene	20.4	0.50	ug/L	20.0	<0.50	102	56-135	7.22	30	
Bromobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130	8.19	30	
Bromochloromethane	20.5	0.50	ug/L	20.0	<0.50	103	74-125	7.42	30	
Bromodichloromethane	21.3	0.50	ug/L	20.0	<0.50	106	68-144	8.07	30	
Bromoform	20.5	0.50	ug/L	20.0	<0.50	102	68-151	13.3	30	
Bromomethane	19.4	0.50	ug/L	20.0	<0.50	97.2	54-142	16.4	30	
2-Butanone (MEK)	22.0	20	ug/L	20.0	<20	110	62-145	15.3	30	
tert-Butyl Alcohol (TBA)	99.3	10	ug/L	100	<10	99.3	73-162	15.9	30	
sec-Butylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	84-145	7.38	30	
tert-Butylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	70-130	6.27	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	8.19	30	
Carbon Disulfide	18.0	0.50	ug/L	20.0	<0.50	89.8	28-151	5.02	30	
Carbon Tetrachloride	19.4	0.50	ug/L	20.0	<0.50	97.0	58-164	8.27	30	
Chlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	6.57	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Continued										
Chloroethane	20.5	0.50	ug/L	20.0	<0.50	102	42-164	1.84	30	
Chloroform	20.9	0.50	ug/L	20.0	<0.50	104	65-138	7.96	30	
Chloromethane	20.5	0.50	ug/L	20.0	<0.50	103	50-152	4.57	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	6.36	30	
4-Chlorotoluene	20.9	0.50	ug/L	20.0	<0.50	104	70-130	6.79	30	
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0	<1.0	113	53-161	15.8	30	
Dibromochloromethane	20.6	0.50	ug/L	20.0	<0.50	103	70-130	8.41	30	
1,2-Dibromoethane (EDB)	22.0	0.50	ug/L	20.0	<0.50	110	76-130	14.4	30	
Dibromomethane	21.2	0.50	ug/L	20.0	<0.50	106	62-135	10.6	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	6.28	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130	8.78	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	7.82	30	
Dichlorodifluoromethane (R12)	19.5	0.50	ug/L	20.0	<0.50	97.4	17-153	0.767	30	
1,1-Dichloroethane	20.8	0.50	ug/L	20.0	<0.50	104	55-131	7.28	30	
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0	<0.50	105	52-168	15.0	30	
1,1-Dichloroethylene	20.1	0.50	ug/L	20.0	<0.50	101	51-140	6.68	30	
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0	<0.50	101	59-127	7.52	30	
cis-1,2-Dichloroethylene	19.6	0.50	ug/L	20.0	<0.50	97.9	70-130	6.65	30	
1,2-Dichloropropane	20.4	0.50	ug/L	20.0	<0.50	102	52-142	8.43	30	
2,2-Dichloropropane	17.8	0.50	ug/L	20.0	<0.50	89.2	36-168	3.77	30	
1,3-Dichloropropane	21.2	0.50	ug/L	20.0	<0.50	106	80-121	9.70	30	
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0	<0.50	104	66-130	8.99	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	78-130	8.78	30	
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0	<0.50	98.7	76-132	6.54	30	
Diisopropyl ether (DIPE)	20.4	2.0	ug/L	20.0	<2.0	102	52-138	7.57	30	
Ethylbenzene	20.9	0.50	ug/L	20.0	<0.50	105	86-128	4.45	30	
Ethyl-tert-Butyl Ether (ETBE)	17.8	2.0	ug/L	20.0	<2.0	89.2	64-137	10.4	30	
Hexachlorobutadiene	18.8	1.0	ug/L	20.0	<1.0	93.8	70-130	14.0	30	
2-Hexanone (MBK)	20.7	20	ug/L	20.0	<20	104	52-141	15.3	30	
Isopropylbenzene	20.9	0.50	ug/L	20.0	<0.50	104	70-130	5.86	30	
4-Isopropyltoluene	20.1	1.0	ug/L	20.0	<1.0	100	83-149	8.90	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	37.9	1.2	ug/L	40.0	<1.2	94.7	56-150	15.3	30	
Methylene Chloride	20.3	5.0	ug/L	20.0	<5.0	101	70-130	3.57	30	
4-Methyl-2-pentanone (MIBK)	22.0	20	ug/L	20.0	<20	110	60-148	17.5	30	
Naphthalene	21.4	2.0	ug/L	20.0	<2.0	107	70-130	16.3	30	
n-Propylbenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130	4.19	30	
Styrene	20.2	0.50	ug/L	20.0	<0.50	101	65-141	6.32	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0	<0.50	101	70-130	9.94	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0	<0.50	114	62-134	14.8	30	
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0	<0.50	99.7	70-130	5.41	30	
Toluene	20.0	0.50	ug/L	20.0	<0.50	100	81-123	5.12	30	
1,2,3-Trichlorobenzene	21.3	0.50	ug/L	20.0	<0.50	107	73-144	20.1	30	
1,2,4-Trichlorobenzene	20.7	0.50	ug/L	20.0	<0.50	103	80-137	11.8	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0	<0.50	97.5	62-164	6.40	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0	<0.50	110	76-122	7.82	30	
Trichloroethylene (TCE)	20.2	0.50	ug/L	20.0	<0.50	101	72-136	6.22	30	
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0	<0.50	91.8	59-144	0.00	30	
1,2,3-Trichloropropane	21.1	0.50	ug/L	20.0	<0.50	106	69-135	15.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0	<0.50	89.4	62-126	3.59	30	
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	7.17	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0	<0.50	103	89-134	6.43	30	
Vinyl chloride	22.7	0.50	ug/L	20.0	<0.50	113	54-150	0.486	30	
o-Xylene	20.1	0.50	ug/L	20.0	<0.50	100	70-130	7.38	30	
m,p-Xylenes	41.1	1.0	ug/L	40.0	<1.0	103	70-130	5.24	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.7</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K0836 - EPA 3510C

Blank (B3K0836-BLK1)

Prepared: 11/08/23 Analyzed: 11/14/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K0836 - EPA 3510C</i>										
Blank (B3K0836-BLK1) Continued Prepared: 11/08/23 Analyzed: 11/14/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0476</i>		<i>mg/L</i>	<i>0.0400</i>		<i>119</i>	<i>50-150</i>			
LCS (B3K0836-BS1) Prepared: 11/08/23 Analyzed: 11/14/23										
Diesel Range Organics as Diesel	0.386	0.10	mg/L	0.800		48.3	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0399</i>		<i>mg/L</i>	<i>0.0400</i>		<i>99.8</i>	<i>50-150</i>			
LCS Dup (B3K0836-BSD1) Prepared: 11/08/23 Analyzed: 11/14/23										
Diesel Range Organics as Diesel	0.551	0.10	mg/L	0.800		68.9	36-132	35.1	30	QR-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0488</i>		<i>mg/L</i>	<i>0.0400</i>		<i>122</i>	<i>50-150</i>			
<i>Batch B3K0915 - EPA 3510C</i>										
Blank (B3K0915-BLK1) Prepared: 11/09/23 Analyzed: 11/10/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0439</i>		<i>mg/L</i>	<i>0.0400</i>		<i>110</i>	<i>50-150</i>			
LCS (B3K0915-BS1) Prepared: 11/09/23 Analyzed: 11/10/23										
Diesel Range Organics as Diesel	0.644	0.10	mg/L	0.800		80.5	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0523</i>		<i>mg/L</i>	<i>0.0400</i>		<i>131</i>	<i>50-150</i>			
LCS Dup (B3K0915-BSD1) Prepared: 11/09/23 Analyzed: 11/10/23										
Diesel Range Organics as Diesel	0.604	0.10	mg/L	0.800		75.5	36-132	6.48	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0511</i>		<i>mg/L</i>	<i>0.0400</i>		<i>128</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1001 - *** DEFAULT PREP ***</i>										
Blank (B3K1001-BLK1) Prepared & Analyzed: 11/10/23										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>42.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>84.0</i>	<i>80-120</i>			
LCS (B3K1001-BS1) Prepared & Analyzed: 11/10/23										
Gasoline Range Organics (GRO)	463	100	ug/L	500		92.5	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>43.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>86.7</i>	<i>80-120</i>			
LCS Dup (B3K1001-BSD1) Prepared & Analyzed: 11/10/23										

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1001 - *** DEFAULT PREP ***</i>										
LCS Dup (B3K1001-BSD1) Continued				Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	546	100	ug/L	500		109	75-125	16.4	30	
Surrogate: a,a,a-Trifluorotoluene	45.6		ug/L	50.0		91.2	80-120			
Matrix Spike (B3K1001-MS1)				Source: 3K07011-03 Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	434	100	ug/L	500	<100	86.7	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	42.0		ug/L	50.0		83.9	80-120			
Matrix Spike Dup (B3K1001-MSD1)				Source: 3K07011-03 Prepared & Analyzed: 11/10/23						
Gasoline Range Organics (GRO)	434	100	ug/L	500	<100	86.8	70-130	0.0634	30	
Surrogate: a,a,a-Trifluorotoluene	40.8		ug/L	50.0		81.6	80-120			
<i>Batch B3K1329 - *** DEFAULT PREP ***</i>										
Blank (B3K1329-BLK1)				Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	50.7		ug/L	50.0		101	80-120			
LCS (B3K1329-BS1)				Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	479	100	ug/L	500		95.8	75-125		30	
Surrogate: a,a,a-Trifluorotoluene	55.2		ug/L	50.0		110	80-120			
LCS Dup (B3K1329-BSD1)				Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	512	100	ug/L	500		102	75-125	6.64	30	
Surrogate: a,a,a-Trifluorotoluene	57.9		ug/L	50.0		116	80-120			
Matrix Spike (B3K1329-MS1)				Source: 3K07011-13 Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	473	100	ug/L	500	<100	94.7	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	55.2		ug/L	50.0		110	80-120			
Matrix Spike Dup (B3K1329-MSD1)				Source: 3K07011-13 Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	455	100	ug/L	500	<100	91.1	70-130	3.86	30	
Surrogate: a,a,a-Trifluorotoluene	53.0		ug/L	50.0		106	80-120			

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335329
Date Received: 11/07/23
Date Reported: 12/11/23

Special Notes

[1] = **QR-02** : The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

A handwritten signature in black ink, appearing to read 'Viorel Vasile'.

Viorel Vasile
Operations Manager



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
 Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 27606
 20202636
 Page 1 of 1

Client: <u>APEX-SGI</u>	Project Name / No.: <u>DFSP Norwalk</u>	Sampler's Name: <u>DANA Labhara</u>
Project Manager: <u>DANIELSSON</u>	Site Address: <u>15306 Norwalk Blvd</u>	Sampler's Signature: <u>[Signature]</u>
Phone: <u>562-597-1057</u>	City: <u>Norwalk</u>	P.O. No.: <u>---</u>
Fax: <u>562-597-1070</u>	State & Zip: <u>CA 90670</u>	Quote No.: <u>---</u>

TAT Turnaround Codes **

1 = Same Day Rush 4 = 72 Hour Rush
 2 = 24 Hour Rush 5 = 5 Day Rush
 3 = 48 Hour Rush X = 10 Working Days (Standard TAT)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	ANALYSIS REQUESTED (Test Name)						Special Instructions	
						Please enter the TAT Turnaround Codes ** below							
RCFB-1	3K6701	11-7-23	6:00	GW	2	X							
RCEB-1	702	11-7-23	8:00	GW	3	X							
MW-17	703	11-7-23	8:30	GW	6	X							
GMW-61	704	11-7-23	9:0	GW	6	X							
GW-15	705	11-7-23	9:45	GW	6	X							
GMW-60 (60)	706	11-7-23	10:15	GW	6	X							
GMW-66R	707	11-7-23	10:50	GW	6	X							
MW-13	708	11-7-23	11:05	GW	6	X							
GMW-58	709	11-7-23	12:0	GW	6	X							
DUP-2	710	11-7-23	12:05	GW	6	X							
GMW-48	711	11-7-23	12:40	GW	6	X							
GMW-35R	712	11-7-23	1:15	GW	6	X							
GMW-6	713	11-7-23	1:50	GW	6	X							15 NOV 7 16:50

For Laboratory Use	
Relinquished by: <u>[Signature]</u> Date: <u>11/8/23</u> Time: <u>14:04</u>	Relinquished by: <u>[Signature]</u> Date: <u>11/7/23</u> Time: <u>16:50</u>
Relinquished by: <u>[Signature]</u> Date: <u>11/7/23</u> Time: <u>16:50</u>	Relinquished by: <u>[Signature]</u> Date: <u>11/7/23</u> Time: <u>16:50</u>

A.A. Project No.: AS35339/3K6701

Note: By relinquishing samples to American Analytics, client agrees to pay for the services requested on this chain of custody form and any additional client-requested analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 45 days following the submittal of the sample(s) to American Analytics.



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335335 / 3K10007**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/10/23 17:18 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to be 'V. Vasile', written in a cursive style.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K10007-01	Water	5	11/08/23 06:00	11/10/23 17:18
QCEB-1	3K10007-02	Water	5	11/08/23 07:00	11/10/23 17:18

8260B+OXYGENATES

GMW-19	3K10007-03	Water	5	11/08/23 07:45	11/10/23 17:18
GMW-44	3K10007-04	Water	5	11/08/23 08:20	11/10/23 17:18
GMW-17R	3K10007-05	Water	5	11/08/23 09:00	11/10/23 17:18
MW-27	3K10007-06	Water	5	11/08/23 09:40	11/10/23 17:18
DUP-3	3K10007-07	Water	5	11/08/23 00:00	11/10/23 17:18
MW-26	3K10007-08	Water	5	11/08/23 10:15	11/10/23 17:18
GW-3	3K10007-09	Water	5	11/08/23 10:50	11/10/23 17:18
GW-13	3K10007-10	Water	5	11/08/23 11:30	11/10/23 17:18
MW-22(MID)	3K10007-11	Water	5	11/08/23 12:05	11/10/23 17:18
EXP-2	3K10007-12	Water	5	11/08/23 12:50	11/10/23 17:18

Diesel Range Organics 8015M

QCEB-1	3K10007-02	Water	5	11/08/23 07:00	11/10/23 17:18
GMW-19	3K10007-03	Water	5	11/08/23 07:45	11/10/23 17:18
GMW-44	3K10007-04	Water	5	11/08/23 08:20	11/10/23 17:18
GMW-17R	3K10007-05	Water	5	11/08/23 09:00	11/10/23 17:18

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
MW-27	3K10007-06	Water	5	11/08/23 09:40	11/10/23 17:18
DUP-3	3K10007-07	Water	5	11/08/23 00:00	11/10/23 17:18
MW-26	3K10007-08	Water	5	11/08/23 10:15	11/10/23 17:18
GW-3	3K10007-09	Water	5	11/08/23 10:50	11/10/23 17:18
GW-13	3K10007-10	Water	5	11/08/23 11:30	11/10/23 17:18
MW-22(MID)	3K10007-11	Water	5	11/08/23 12:05	11/10/23 17:18
EXP-2	3K10007-12	Water	5	11/08/23 12:50	11/10/23 17:18

Gasoline Range Organics 8015M

GMW-19	3K10007-03	Water	5	11/08/23 07:45	11/10/23 17:18
GMW-44	3K10007-04	Water	5	11/08/23 08:20	11/10/23 17:18
GMW-17R	3K10007-05	Water	5	11/08/23 09:00	11/10/23 17:18
MW-27	3K10007-06	Water	5	11/08/23 09:40	11/10/23 17:18
DUP-3	3K10007-07	Water	5	11/08/23 00:00	11/10/23 17:18
MW-26	3K10007-08	Water	5	11/08/23 10:15	11/10/23 17:18
GW-3	3K10007-09	Water	5	11/08/23 10:50	11/10/23 17:18
GW-13	3K10007-10	Water	5	11/08/23 11:30	11/10/23 17:18
MW-22(MID)	3K10007-11	Water	5	11/08/23 12:05	11/10/23 17:18
EXP-2	3K10007-12	Water	5	11/08/23 12:50	11/10/23 17:18

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	
AA ID No:	3K10007-01	3K10007-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	
AA ID No:	3K10007-01	3K10007-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	
AA ID No:	3K10007-01	3K10007-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

<u>Surrogates</u>			<u>%REC Limits</u>
4-Bromofluorobenzene	100%	98%	80-129
Dibromofluoromethane	92%	97%	68-137
Toluene-d8	106%	103%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K10007-03	3K10007-04	3K10007-05	3K10007-06	
Client ID No:	GMW-19	GMW-44	GMW-17R	MW-27	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	1.9	0.50	0.69	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Table with 5 columns: Date Sampled, Date Prepared, Date Analyzed, AA ID No, Client ID No, Matrix, Dilution Factor, and MRL. Rows include sample dates (11/08/23, 11/20/23), IDs (3K10007-03 to 06), client IDs (GMW-19 to 27), matrix (Water), and dilution factor (1).

8260B+OXYGENATES (EPA 8260B) (continued)

Table listing chemical compounds and their concentrations. Columns include compound name, four concentration values, and an MRL value. Compounds include 1,4-Dichlorobenzene, Dichlorodifluoromethane (R12), 1,1-Dichloroethane, 1,2-Dichloroethane (EDC), 1,1-Dichloroethylene, trans-1,2-Dichloroethylene, cis-1,2-Dichloroethylene, 1,2-Dichloropropane, 2,2-Dichloropropane, 1,3-Dichloropropane, cis-1,3-Dichloropropylene, trans-1,3-Dichloropropylene, 1,1-Dichloropropylene, Diisopropyl ether (DIPE), Ethylbenzene, Ethyl-tert-Butyl Ether (ETBE), Hexachlorobutadiene, 2-Hexanone (MBK), Isopropylbenzene, 4-Isopropyltoluene, Methyl-tert-Butyl Ether (MTBE), Methylene Chloride, 4-Methyl-2-pentanone (MIBK), Naphthalene, n-Propylbenzene, Styrene, and 1,1,1,2-Tetrachloroethane.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23
AA ID No:	3K10007-03	3K10007-04	3K10007-05	3K10007-06
Client ID No:	GMW-19	GMW-44	GMW-17R	MW-27
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates

					%REC Limits
4-Bromofluorobenzene	100%	101%	101%	102%	80-129
Dibromofluoromethane	103%	101%	101%	102%	68-137
Toluene-d8	102%	102%	99%	102%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

	11/08/23	11/08/23	11/08/23	11/08/23	
Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/21/23	11/21/23	11/21/23	
Date Analyzed:	11/20/23	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10007-07	3K10007-08	3K10007-09	3K10007-10	
Client ID No:	DUP-3	MW-26	GW-3	GW-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	0.73	<0.50	1.6	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/21/23	11/21/23	11/21/23	
Date Analyzed:	11/20/23	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10007-07	3K10007-08	3K10007-09	3K10007-10	
Client ID No:	DUP-3	MW-26	GW-3	GW-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/20/23	11/21/23	11/21/23	11/21/23	
Date Analyzed:	11/20/23	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10007-07	3K10007-08	3K10007-09	3K10007-10	
Client ID No:	DUP-3	MW-26	GW-3	GW-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	103%	100%	98%	101%	80-129
Dibromofluoromethane	101%	103%	103%	106%	68-137
Toluene-d8	102%	101%	103%	103%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/21/23	11/21/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10007-11	3K10007-12	
Client ID No:	MW-22(MID)	EXP-2	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/21/23	11/21/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10007-11	3K10007-12	
Client ID No:	MW-22(MID)	EXP-2	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	0.65	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	4.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/21/23	11/21/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10007-11	3K10007-12	
Client ID No:	MW-22(MID)	EXP-2	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

<u>Surrogates</u>			<u>%REC Limits</u>
4-Bromofluorobenzene	100%	99%	80-129
Dibromofluoromethane	105%	100%	68-137
Toluene-d8	104%	103%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335335
Project No:	091-NOR-001	Date Received:	11/10/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Diesel Range Organics by GC/FID	Units:	mg/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10007-02	3K10007-03	3K10007-04	3K10007-05	
Client ID No:	QCEB-1	GMW-19	GMW-44	GMW-17R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.23	0.25	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	116%	140%	150%	141%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10007-06	3K10007-07	3K10007-08	3K10007-09	
Client ID No:	MW-27	DUP-3	MW-26	GW-3	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	0.54	0.13	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	149%	144%	139%	144%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10007-10	3K10007-11	3K10007-12	
Client ID No:	GW-13	MW-22(MID)	EXP-2	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	<0.10	0.10
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<u>Surrogates</u>				<u>%REC Limits</u>
o-Terphenyl	138%	140%	144%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/13/23	11/13/23	11/13/23	11/13/23	
AA ID No:	3K10007-03	3K10007-04	3K10007-05	3K10007-06	
Client ID No:	GMW-19	GMW-44	GMW-17R	MW-27	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	97%	103%	103%	106%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	11/08/23	11/08/23	
Date Prepared:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K10007-07	3K10007-08	3K10007-09	3K10007-10	
Client ID No:	DUP-3	MW-26	GW-3	GW-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	89%	93%	99%	97%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/08/23	11/08/23	
Date Prepared:	11/14/23	11/14/23	
Date Analyzed:	11/14/23	11/14/23	
AA ID No:	3K10007-11	3K10007-12	
Client ID No:	MW-22(MID)	EXP-2	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	100
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Surrogates

			<u>%REC Limits</u>
a,a,a-Trifluorotoluene	98%	94%	80-120

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2013 - EPA 5030B

Blank (B3K2013-BLK1)

Prepared & Analyzed: 11/20/23

Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS (B3K2013-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	20.2	50	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	20.4	2.0	ug/L	20.0		102	58-133			
Benzene	20.2	0.50	ug/L	20.0		101	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Bromochloromethane	21.5	0.50	ug/L	20.0		108	78-121			
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135			
Bromoform	20.6	0.50	ug/L	20.0		103	68-132			
Bromomethane	19.0	0.50	ug/L	20.0		94.8	58-142			
2-Butanone (MEK)	20.0	20	ug/L	20.0		100	62-138			
tert-Butyl Alcohol (TBA)	97.2	10	ug/L	100		97.2	65-148			
sec-Butylbenzene	20.5	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
n-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
Carbon Disulfide	18.1	0.50	ug/L	20.0		90.6	17-177			
Carbon Tetrachloride	19.7	0.50	ug/L	20.0		98.5	66-155			
Chlorobenzene	21.1	0.50	ug/L	20.0		106	70-130			
Chloroethane	19.7	0.50	ug/L	20.0		98.4	45-166			
Chloroform	21.0	0.50	ug/L	20.0		105	71-131			
Chloromethane	20.8	0.50	ug/L	20.0		104	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS (B3K2013-BS1) Continued										
Prepared & Analyzed: 11/20/23										
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
4-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130			
1,2-Dibromo-3-chloropropane	20.1	1.0	ug/L	20.0		100	53-145			
Dibromochloromethane	20.5	0.50	ug/L	20.0		102	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	21.4	0.50	ug/L	20.0		107	68-124			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.2	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		106	67-120			
1,2-Dichloroethane (EDC)	20.3	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	20.7	0.50	ug/L	20.0		104	50-149			
trans-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	66-126			
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124			
1,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	53-139			
2,2-Dichloropropane	20.0	0.50	ug/L	20.0		100	44-162			
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113			
cis-1,3-Dichloropropylene	21.2	0.50	ug/L	20.0		106	67-127			
trans-1,3-Dichloropropylene	21.5	0.50	ug/L	20.0		107	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		100	84-124			
Diisopropyl ether (DIPE)	20.4	2.0	ug/L	20.0		102	51-136			
Ethylbenzene	21.9	0.50	ug/L	20.0		110	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.4	2.0	ug/L	20.0		112	62-136			
Gasoline Range Organics (GRO)	501	100	ug/L	500		100	60-123			
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.3	76-140			
2-Hexanone (MBK)	19.6	20	ug/L	20.0		98.2	52-123			
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
4-Isopropyltoluene	20.3	1.0	ug/L	20.0		101	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.7	1.2	ug/L	40.0		122	58-144			
Methylene Chloride	20.5	5.0	ug/L	20.0		102	50-135			
4-Methyl-2-pentanone (MIBK)	20.5	20	ug/L	20.0		103	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS (B3K2013-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Naphthalene	19.1	2.0	ug/L	20.0		95.7	74-128			
n-Propylbenzene	21.1	0.50	ug/L	20.0		105	70-130			
Styrene	20.8	0.50	ug/L	20.0		104	84-123			
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.4	70-130			
1,1,2,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		108	58-126			
Tetrachloroethylene (PCE)	21.0	0.50	ug/L	20.0		105	70-130			
Toluene	21.1	0.50	ug/L	20.0		106	83-118			
1,2,3-Trichlorobenzene	21.1	0.50	ug/L	20.0		106	77-134			
1,2,4-Trichlorobenzene	21.3	0.50	ug/L	20.0		107	84-128			
1,1,1-Trichloroethane	19.6	0.50	ug/L	20.0		97.9	66-158			
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0		109	75-115			
Trichloroethylene (TCE)	20.2	0.50	ug/L	20.0		101	82-128			
Trichlorofluoromethane (R11)	17.7	0.50	ug/L	20.0		88.5	65-137			
1,2,3-Trichloropropane	20.1	0.50	ug/L	20.0		100	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.6	0.50	ug/L	20.0		88.0	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130			
Vinyl chloride	21.6	0.50	ug/L	20.0		108	51-151			
o-Xylene	20.7	0.50	ug/L	20.0		103	70-130			
m,p-Xylenes	43.0	1.0	ug/L	40.0		108	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>47.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.8</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS Dup (B3K2013-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	19.4	50	ug/L	20.0		97.0	27-123	3.99	30	
tert-Amyl-Methyl Ether (TAME)	20.0	2.0	ug/L	20.0		100	58-133	2.03	30	
Benzene	20.3	0.50	ug/L	20.0		102	60-134	0.345	30	
Bromobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.39	30	
Bromochloromethane	20.9	0.50	ug/L	20.0		104	78-121	3.11	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		104	74-135	0.580	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Bromoform	20.7	0.50	ug/L	20.0		103	68-132	0.436	30	
Bromomethane	18.0	0.50	ug/L	20.0		89.9	58-142	5.31	30	
2-Butanone (MEK)	21.3	20	ug/L	20.0		106	62-138	6.05	30	
tert-Butyl Alcohol (TBA)	101	10	ug/L	100		101	65-148	3.64	30	
sec-Butylbenzene	19.5	0.50	ug/L	20.0		97.4	84-142	4.95	30	
tert-Butylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	4.03	30	
n-Butylbenzene	19.6	0.50	ug/L	20.0		97.8	70-130	6.33	30	
Carbon Disulfide	17.6	0.50	ug/L	20.0		88.2	17-177	2.63	30	
Carbon Tetrachloride	19.0	0.50	ug/L	20.0		95.2	66-155	3.46	30	
Chlorobenzene	19.9	0.50	ug/L	20.0		99.4	70-130	6.14	30	
Chloroethane	19.5	0.50	ug/L	20.0		97.7	45-166	0.765	30	
Chloroform	20.8	0.50	ug/L	20.0		104	71-131	0.958	30	
Chloromethane	19.7	0.50	ug/L	20.0		98.3	48-152	5.88	30	
2-Chlorotoluene	19.6	0.50	ug/L	20.0		98.0	70-130	4.83	30	
4-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130	4.39	30	
1,2-Dibromo-3-chloropropane	21.5	1.0	ug/L	20.0		108	53-145	6.83	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0		105	72-133	2.12	30	
1,2-Dibromoethane (EDB)	22.0	0.50	ug/L	20.0		110	79-120	2.49	30	
Dibromomethane	22.2	0.50	ug/L	20.0		111	68-124	3.95	30	
1,3-Dichlorobenzene	19.4	0.50	ug/L	20.0		97.0	70-130	5.51	30	
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130	4.10	30	
1,4-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.8	70-130	5.27	30	
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0		97.9	16-148	2.80	30	
1,1-Dichloroethane	21.2	0.50	ug/L	20.0		106	67-120	0.519	30	
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156	3.72	30	
1,1-Dichloroethylene	19.8	0.50	ug/L	20.0		99.2	50-149	4.19	30	
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		101	66-126	2.16	30	
cis-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0		99.0	70-124	1.40	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	5.34	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.7	44-162	6.65	30	
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	79-113	1.51	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	1.23	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,3-Dichloropropylene	20.9	0.50	ug/L	20.0		104	76-121	2.84	30	
1,1-Dichloropropylene	19.2	0.50	ug/L	20.0		96.2	84-124	4.07	30	
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		105	51-136	2.32	30	
Ethylbenzene	20.5	0.50	ug/L	20.0		103	86-124	6.59	30	
Ethyl-tert-Butyl Ether (ETBE)	19.8	2.0	ug/L	20.0		99.2	62-136	12.0	30	
Gasoline Range Organics (GRO)	476	100	ug/L	500		95.1	60-123	5.10	30	
Hexachlorobutadiene	17.9	1.0	ug/L	20.0		89.6	76-140	10.3	30	
2-Hexanone (MBK)	20.9	20	ug/L	20.0		104	52-123	5.97	30	
Isopropylbenzene	20.3	0.50	ug/L	20.0		102	70-130	4.43	30	
4-Isopropyltoluene	19.0	1.0	ug/L	20.0		95.2	70-130	6.21	30	
Methyl-tert-Butyl Ether (MTBE)	41.6	1.2	ug/L	40.0		104	58-144	15.7	30	
Methylene Chloride	20.4	5.0	ug/L	20.0		102	50-135	0.342	30	
4-Methyl-2-pentanone (MIBK)	22.1	20	ug/L	20.0		110	49-139	7.32	30	
Naphthalene	20.5	2.0	ug/L	20.0		103	74-128	7.06	30	
n-Propylbenzene	20.1	0.50	ug/L	20.0		101	70-130	4.66	30	
Styrene	20.0	0.50	ug/L	20.0		100	84-123	3.67	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		99.8	70-130	0.351	30	
1,1,2,2-Tetrachloroethane	22.7	0.50	ug/L	20.0		114	58-126	5.61	30	
Tetrachloroethylene (PCE)	19.2	0.50	ug/L	20.0		95.8	70-130	9.41	30	
Toluene	19.8	0.50	ug/L	20.0		98.8	83-118	6.75	30	
1,2,3-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	77-134	3.37	30	
1,2,4-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.3	84-128	7.09	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0		97.4	66-158	0.563	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		111	75-115	1.96	30	
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.4	82-128	1.50	30	
Trichlorofluoromethane (R11)	17.9	0.50	ug/L	20.0		89.4	65-137	1.07	30	
1,2,3-Trichloropropane	21.1	0.50	ug/L	20.0		105	68-123	4.76	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.1	0.50	ug/L	20.0		85.6	62-130	2.71	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130	5.73	30	
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		99.8	70-130	2.77	30	
Vinyl chloride	21.9	0.50	ug/L	20.0		109	51-151	1.38	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
o-Xylene	19.9	0.50	ug/L	20.0		99.4	70-130	3.85	30	
m,p-Xylenes	40.2	1.0	ug/L	40.0		100	70-130	6.88	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
Matrix Spike (B3K2013-MS1)										
Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Acetone	24.7	50	ug/L	20.0	14.6	50.5	11-169			
tert-Amyl-Methyl Ether (TAME)	16.6	2.0	ug/L	20.0		82.8	66-133			
Benzene	19.0	0.50	ug/L	20.0		94.8	56-135			
Bromobenzene	19.9	0.50	ug/L	20.0		99.5	70-130			
Bromochloromethane	19.1	0.50	ug/L	20.0		95.4	74-125			
Bromodichloromethane	19.6	0.50	ug/L	20.0		98.1	68-144			
Bromoform	18.0	0.50	ug/L	20.0		89.8	68-151			
Bromomethane	16.5	0.50	ug/L	20.0		82.4	54-142			
2-Butanone (MEK)	18.9	20	ug/L	20.0		94.5	62-145			
tert-Butyl Alcohol (TBA)	84.6	10	ug/L	100		84.6	73-162			
sec-Butylbenzene	18.8	0.50	ug/L	20.0		94.0	84-145			
tert-Butylbenzene	18.8	0.50	ug/L	20.0		94.2	70-130			
n-Butylbenzene	18.8	0.50	ug/L	20.0		94.2	70-130			
Carbon Disulfide	17.1	0.50	ug/L	20.0		85.4	28-151			
Carbon Tetrachloride	17.9	0.50	ug/L	20.0		89.3	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0		95.6	70-130			
Chloroethane	20.8	0.50	ug/L	20.0		104	42-164			
Chloroform	19.3	0.50	ug/L	20.0		96.5	65-138			
Chloromethane	21.5	0.50	ug/L	20.0		107	50-152			
2-Chlorotoluene	19.5	0.50	ug/L	20.0		97.5	70-130			
4-Chlorotoluene	19.5	0.50	ug/L	20.0		97.4	70-130			
1,2-Dibromo-3-chloropropane	19.3	1.0	ug/L	20.0		96.3	53-161			
Dibromochloromethane	18.9	0.50	ug/L	20.0		94.5	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0		95.4	76-130			
Dibromomethane	19.1	0.50	ug/L	20.0		95.6	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike (B3K2013-MS1) Continued Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
1,3-Dichlorobenzene	19.1	0.50	ug/L	20.0		95.6	70-130			
1,2-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.0	70-130			
1,4-Dichlorobenzene	19.2	0.50	ug/L	20.0		95.8	70-130			
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0		98.2	17-153			
1,1-Dichloroethane	19.3	0.50	ug/L	20.0		96.6	55-131			
1,2-Dichloroethane (EDC)	18.1	0.50	ug/L	20.0		90.4	52-168			
1,1-Dichloroethylene	18.8	0.50	ug/L	20.0		94.1	51-140			
trans-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0		94.1	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.6	70-130			
1,2-Dichloropropane	18.8	0.50	ug/L	20.0		93.8	52-142			
2,2-Dichloropropane	17.2	0.50	ug/L	20.0		86.0	36-168			
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		96.1	80-121			
cis-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	66-130			
trans-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0		95.3	78-130			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.4	76-132			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0		94.8	52-138			
Ethylbenzene	20.0	0.50	ug/L	20.0		100	86-128			
Ethyl-tert-Butyl Ether (ETBE)	16.1	2.0	ug/L	20.0		80.4	64-137			
Hexachlorobutadiene	16.3	1.0	ug/L	20.0		81.6	70-130			
2-Hexanone (MBK)	17.8	20	ug/L	20.0		88.8	52-141			
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.6	70-130			
4-Isopropyltoluene	18.4	1.0	ug/L	20.0		91.8	83-149			
Methyl-tert-Butyl Ether (MTBE)	32.5	1.2	ug/L	40.0		81.2	56-150			
Methylene Chloride	19.6	5.0	ug/L	20.0		97.8	70-130			
4-Methyl-2-pentanone (MIBK)	18.5	20	ug/L	20.0		92.3	60-148			
Naphthalene	18.2	2.0	ug/L	20.0		91.0	70-130			
n-Propylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
Styrene	19.0	0.50	ug/L	20.0		95.0	65-141			
1,1,1,2-Tetrachloroethane	18.3	0.50	ug/L	20.0		91.3	70-130			
1,1,2,2-Tetrachloroethane	19.7	0.50	ug/L	20.0		98.4	62-134			
Tetrachloroethylene (PCE)	18.9	0.50	ug/L	20.0		94.4	70-130			
Toluene	19.0	0.50	ug/L	20.0		95.2	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike (B3K2013-MS1) Continued Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
1,2,3-Trichlorobenzene	17.4	0.50	ug/L	20.0		87.2	73-144			
1,2,4-Trichlorobenzene	18.4	0.50	ug/L	20.0		91.8	80-137			
1,1,1-Trichloroethane	18.3	0.50	ug/L	20.0		91.4	62-164			
1,1,2-Trichloroethane	20.4	0.50	ug/L	20.0		102	76-122			
Trichloroethylene (TCE)	19.0	0.50	ug/L	20.0		95.0	72-136			
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0		91.8	59-144			
1,2,3-Trichloropropane	18.1	0.50	ug/L	20.0		90.4	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.2	0.50	ug/L	20.0		86.2	62-126			
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.3	89-134			
Vinyl chloride	22.6	0.50	ug/L	20.0		113	54-150			
o-Xylene	18.6	0.50	ug/L	20.0		93.2	70-130			
m,p-Xylenes	39.0	1.0	ug/L	40.0		97.5	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.7		ug/L	50.0		99.4	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.9		ug/L	50.0		97.8	68-137			
<i>Surrogate: Toluene-d8</i>	50.8		ug/L	50.0		102	83-134			
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Acetone	27.9	50	ug/L	20.0	14.6	66.7	11-169	12.3	30	
tert-Amyl-Methyl Ether (TAME)	18.9	2.0	ug/L	20.0		94.7	66-133	13.3	30	
Benzene	20.4	0.50	ug/L	20.0		102	56-135	7.22	30	
Bromobenzene	21.6	0.50	ug/L	20.0		108	70-130	8.19	30	
Bromochloromethane	20.5	0.50	ug/L	20.0		103	74-125	7.42	30	
Bromodichloromethane	21.3	0.50	ug/L	20.0		106	68-144	8.07	30	
Bromoform	20.5	0.50	ug/L	20.0		102	68-151	13.3	30	
Bromomethane	19.4	0.50	ug/L	20.0		97.2	54-142	16.4	30	
2-Butanone (MEK)	22.0	20	ug/L	20.0		110	62-145	15.3	30	
tert-Butyl Alcohol (TBA)	99.3	10	ug/L	100		99.3	73-162	15.9	30	
sec-Butylbenzene	20.2	0.50	ug/L	20.0		101	84-145	7.38	30	
tert-Butylbenzene	20.1	0.50	ug/L	20.0		100	70-130	6.27	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130	8.19	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Continued										
Carbon Disulfide	18.0	0.50	ug/L	20.0		89.8	28-151	5.02	30	
Carbon Tetrachloride	19.4	0.50	ug/L	20.0		97.0	58-164	8.27	30	
Chlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	6.57	30	
Chloroethane	20.5	0.50	ug/L	20.0		102	42-164	1.84	30	
Chloroform	20.9	0.50	ug/L	20.0		104	65-138	7.96	30	
Chloromethane	20.5	0.50	ug/L	20.0		103	50-152	4.57	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	6.36	30	
4-Chlorotoluene	20.9	0.50	ug/L	20.0		104	70-130	6.79	30	
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0		113	53-161	15.8	30	
Dibromochloromethane	20.6	0.50	ug/L	20.0		103	70-130	8.41	30	
1,2-Dibromoethane (EDB)	22.0	0.50	ug/L	20.0		110	76-130	14.4	30	
Dibromomethane	21.2	0.50	ug/L	20.0		106	62-135	10.6	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	6.28	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	8.78	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	7.82	30	
Dichlorodifluoromethane (R12)	19.5	0.50	ug/L	20.0		97.4	17-153	0.767	30	
1,1-Dichloroethane	20.8	0.50	ug/L	20.0		104	55-131	7.28	30	
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0		105	52-168	15.0	30	
1,1-Dichloroethylene	20.1	0.50	ug/L	20.0		101	51-140	6.68	30	
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0		101	59-127	7.52	30	
cis-1,2-Dichloroethylene	19.6	0.50	ug/L	20.0		97.9	70-130	6.65	30	
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	52-142	8.43	30	
2,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.2	36-168	3.77	30	
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	80-121	9.70	30	
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0		104	66-130	8.99	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	78-130	8.78	30	
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0		98.7	76-132	6.54	30	
Diisopropyl ether (DIPE)	20.4	2.0	ug/L	20.0		102	52-138	7.57	30	
Ethylbenzene	20.9	0.50	ug/L	20.0		105	86-128	4.45	30	
Ethyl-tert-Butyl Ether (ETBE)	17.8	2.0	ug/L	20.0		89.2	64-137	10.4	30	
Hexachlorobutadiene	18.8	1.0	ug/L	20.0		93.8	70-130	14.0	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Continued										
2-Hexanone (MBK)	20.7	20	ug/L	20.0		104	52-141	15.3	30	
Isopropylbenzene	20.9	0.50	ug/L	20.0		104	70-130	5.86	30	
4-Isopropyltoluene	20.1	1.0	ug/L	20.0		100	83-149	8.90	30	
Methyl-tert-Butyl Ether (MTBE)	37.9	1.2	ug/L	40.0		94.7	56-150	15.3	30	
Methylene Chloride	20.3	5.0	ug/L	20.0		101	70-130	3.57	30	
4-Methyl-2-pentanone (MIBK)	22.0	20	ug/L	20.0		110	60-148	17.5	30	
Naphthalene	21.4	2.0	ug/L	20.0		107	70-130	16.3	30	
n-Propylbenzene	20.9	0.50	ug/L	20.0		105	70-130	4.19	30	
Styrene	20.2	0.50	ug/L	20.0		101	65-141	6.32	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	70-130	9.94	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0		114	62-134	14.8	30	
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0		99.7	70-130	5.41	30	
Toluene	20.0	0.50	ug/L	20.0		100	81-123	5.12	30	
1,2,3-Trichlorobenzene	21.3	0.50	ug/L	20.0		107	73-144	20.1	30	
1,2,4-Trichlorobenzene	20.7	0.50	ug/L	20.0		103	80-137	11.8	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0		97.5	62-164	6.40	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		110	76-122	7.82	30	
Trichloroethylene (TCE)	20.2	0.50	ug/L	20.0		101	72-136	6.22	30	
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0		91.8	59-144	0.00	30	
1,2,3-Trichloropropane	21.1	0.50	ug/L	20.0		106	69-135	15.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.4	62-126	3.59	30	
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130	7.17	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	89-134	6.43	30	
Vinyl chloride	22.7	0.50	ug/L	20.0		113	54-150	0.486	30	
o-Xylene	20.1	0.50	ug/L	20.0		100	70-130	7.38	30	
m,p-Xylenes	41.1	1.0	ug/L	40.0		103	70-130	5.24	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.7</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1)										
Prepared & Analyzed: 11/20/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Blank (B3K2013-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS (B3K2013-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	20.2	50	ug/L	20.0		101	27-123			
tert-Amyl-Methyl Ether (TAME)	20.4	2.0	ug/L	20.0		102	58-133			
Benzene	20.2	0.50	ug/L	20.0		101	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Bromochloromethane	21.5	0.50	ug/L	20.0		108	78-121			
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135			
Bromoform	20.6	0.50	ug/L	20.0		103	68-132			
Bromomethane	19.0	0.50	ug/L	20.0		94.8	58-142			
2-Butanone (MEK)	20.0	20	ug/L	20.0		100	62-138			
tert-Butyl Alcohol (TBA)	97.2	10	ug/L	100		97.2	65-148			
sec-Butylbenzene	20.5	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
n-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
Carbon Disulfide	18.1	0.50	ug/L	20.0		90.6	17-177			
Carbon Tetrachloride	19.7	0.50	ug/L	20.0		98.5	66-155			
Chlorobenzene	21.1	0.50	ug/L	20.0		106	70-130			
Chloroethane	19.7	0.50	ug/L	20.0		98.4	45-166			
Chloroform	21.0	0.50	ug/L	20.0		105	71-131			
Chloromethane	20.8	0.50	ug/L	20.0		104	48-152			
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS (B3K2013-BS1) Continued										
Prepared & Analyzed: 11/20/23										
4-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130			
1,2-Dibromo-3-chloropropane	20.1	1.0	ug/L	20.0		100	53-145			
Dibromochloromethane	20.5	0.50	ug/L	20.0		102	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	21.4	0.50	ug/L	20.0		107	68-124			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.2	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		106	67-120			
1,2-Dichloroethane (EDC)	20.3	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	20.7	0.50	ug/L	20.0		104	50-149			
trans-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	66-126			
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	70-124			
1,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	53-139			
2,2-Dichloropropane	20.0	0.50	ug/L	20.0		100	44-162			
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113			
cis-1,3-Dichloropropylene	21.2	0.50	ug/L	20.0		106	67-127			
trans-1,3-Dichloropropylene	21.5	0.50	ug/L	20.0		107	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		100	84-124			
Diisopropyl ether (DIPE)	20.4	2.0	ug/L	20.0		102	51-136			
Ethylbenzene	21.9	0.50	ug/L	20.0		110	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.4	2.0	ug/L	20.0		112	62-136			
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.3	76-140			
2-Hexanone (MBK)	19.6	20	ug/L	20.0		98.2	52-123			
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
4-Isopropyltoluene	20.3	1.0	ug/L	20.0		101	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.7	1.2	ug/L	40.0		122	58-144			
Methylene Chloride	20.5	5.0	ug/L	20.0		102	50-135			
4-Methyl-2-pentanone (MIBK)	20.5	20	ug/L	20.0		103	49-139			
Naphthalene	19.1	2.0	ug/L	20.0		95.7	74-128			
n-Propylbenzene	21.1	0.50	ug/L	20.0		105	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS (B3K2013-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Styrene	20.8	0.50	ug/L	20.0		104	84-123			
1,1,1,2-Tetrachloroethane	19.9	0.50	ug/L	20.0		99.4	70-130			
1,1,2,2-Tetrachloroethane	21.5	0.50	ug/L	20.0		108	58-126			
Tetrachloroethylene (PCE)	21.0	0.50	ug/L	20.0		105	70-130			
Toluene	21.1	0.50	ug/L	20.0		106	83-118			
1,2,3-Trichlorobenzene	21.1	0.50	ug/L	20.0		106	77-134			
1,2,4-Trichlorobenzene	21.3	0.50	ug/L	20.0		107	84-128			
1,1,1-Trichloroethane	19.6	0.50	ug/L	20.0		97.9	66-158			
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0		109	75-115			
Trichloroethylene (TCE)	20.2	0.50	ug/L	20.0		101	82-128			
Trichlorofluoromethane (R11)	17.7	0.50	ug/L	20.0		88.5	65-137			
1,2,3-Trichloropropane	20.1	0.50	ug/L	20.0		100	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.6	0.50	ug/L	20.0		88.0	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130			
Vinyl chloride	21.6	0.50	ug/L	20.0		108	51-151			
o-Xylene	20.7	0.50	ug/L	20.0		103	70-130			
m,p-Xylenes	43.0	1.0	ug/L	40.0		108	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.1		ug/L	50.0		98.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	47.9		ug/L	50.0		95.8	68-137			
<i>Surrogate: Toluene-d8</i>	50.0		ug/L	50.0		100	83-134			
LCS Dup (B3K2013-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	19.4	50	ug/L	20.0		97.0	27-123	3.99	30	
tert-Amyl-Methyl Ether (TAME)	20.0	2.0	ug/L	20.0		100	58-133	2.03	30	
Benzene	20.3	0.50	ug/L	20.0		102	60-134	0.345	30	
Bromobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.39	30	
Bromochloromethane	20.9	0.50	ug/L	20.0		104	78-121	3.11	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		104	74-135	0.580	30	
Bromoform	20.7	0.50	ug/L	20.0		103	68-132	0.436	30	
Bromomethane	18.0	0.50	ug/L	20.0		89.9	58-142	5.31	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
2-Butanone (MEK)	21.3	20	ug/L	20.0		106	62-138	6.05	30	
tert-Butyl Alcohol (TBA)	101	10	ug/L	100		101	65-148	3.64	30	
sec-Butylbenzene	19.5	0.50	ug/L	20.0		97.4	84-142	4.95	30	
tert-Butylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	4.03	30	
n-Butylbenzene	19.6	0.50	ug/L	20.0		97.8	70-130	6.33	30	
Carbon Disulfide	17.6	0.50	ug/L	20.0		88.2	17-177	2.63	30	
Carbon Tetrachloride	19.0	0.50	ug/L	20.0		95.2	66-155	3.46	30	
Chlorobenzene	19.9	0.50	ug/L	20.0		99.4	70-130	6.14	30	
Chloroethane	19.5	0.50	ug/L	20.0		97.7	45-166	0.765	30	
Chloroform	20.8	0.50	ug/L	20.0		104	71-131	0.958	30	
Chloromethane	19.7	0.50	ug/L	20.0		98.3	48-152	5.88	30	
2-Chlorotoluene	19.6	0.50	ug/L	20.0		98.0	70-130	4.83	30	
4-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130	4.39	30	
1,2-Dibromo-3-chloropropane	21.5	1.0	ug/L	20.0		108	53-145	6.83	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0		105	72-133	2.12	30	
1,2-Dibromoethane (EDB)	22.0	0.50	ug/L	20.0		110	79-120	2.49	30	
Dibromomethane	22.2	0.50	ug/L	20.0		111	68-124	3.95	30	
1,3-Dichlorobenzene	19.4	0.50	ug/L	20.0		97.0	70-130	5.51	30	
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130	4.10	30	
1,4-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.8	70-130	5.27	30	
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0		97.9	16-148	2.80	30	
1,1-Dichloroethane	21.2	0.50	ug/L	20.0		106	67-120	0.519	30	
1,2-Dichloroethane (EDC)	21.1	0.50	ug/L	20.0		106	57-156	3.72	30	
1,1-Dichloroethylene	19.8	0.50	ug/L	20.0		99.2	50-149	4.19	30	
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		101	66-126	2.16	30	
cis-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0		99.0	70-124	1.40	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	5.34	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.7	44-162	6.65	30	
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	79-113	1.51	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	67-127	1.23	30	
trans-1,3-Dichloropropylene	20.9	0.50	ug/L	20.0		104	76-121	2.84	30	
1,1-Dichloropropylene	19.2	0.50	ug/L	20.0		96.2	84-124	4.07	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		105	51-136	2.32	30	
Ethylbenzene	20.5	0.50	ug/L	20.0		103	86-124	6.59	30	
Ethyl-tert-Butyl Ether (ETBE)	19.8	2.0	ug/L	20.0		99.2	62-136	12.0	30	
Hexachlorobutadiene	17.9	1.0	ug/L	20.0		89.6	76-140	10.3	30	
2-Hexanone (MBK)	20.9	20	ug/L	20.0		104	52-123	5.97	30	
Isopropylbenzene	20.3	0.50	ug/L	20.0		102	70-130	4.43	30	
4-Isopropyltoluene	19.0	1.0	ug/L	20.0		95.2	70-130	6.21	30	
Methyl-tert-Butyl Ether (MTBE)	41.6	1.2	ug/L	40.0		104	58-144	15.7	30	
Methylene Chloride	20.4	5.0	ug/L	20.0		102	50-135	0.342	30	
4-Methyl-2-pentanone (MIBK)	22.1	20	ug/L	20.0		110	49-139	7.32	30	
Naphthalene	20.5	2.0	ug/L	20.0		103	74-128	7.06	30	
n-Propylbenzene	20.1	0.50	ug/L	20.0		101	70-130	4.66	30	
Styrene	20.0	0.50	ug/L	20.0		100	84-123	3.67	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		99.8	70-130	0.351	30	
1,1,2,2-Tetrachloroethane	22.7	0.50	ug/L	20.0		114	58-126	5.61	30	
Tetrachloroethylene (PCE)	19.2	0.50	ug/L	20.0		95.8	70-130	9.41	30	
Toluene	19.8	0.50	ug/L	20.0		98.8	83-118	6.75	30	
1,2,3-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	77-134	3.37	30	
1,2,4-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.3	84-128	7.09	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0		97.4	66-158	0.563	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		111	75-115	1.96	30	
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.4	82-128	1.50	30	
Trichlorofluoromethane (R11)	17.9	0.50	ug/L	20.0		89.4	65-137	1.07	30	
1,2,3-Trichloropropane	21.1	0.50	ug/L	20.0		105	68-123	4.76	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.1	0.50	ug/L	20.0		85.6	62-130	2.71	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130	5.73	30	
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		99.8	70-130	2.77	30	
Vinyl chloride	21.9	0.50	ug/L	20.0		109	51-151	1.38	30	
o-Xylene	19.9	0.50	ug/L	20.0		99.4	70-130	3.85	30	
m,p-Xylenes	40.2	1.0	ug/L	40.0		100	70-130	6.88	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
LCS Dup (B3K2013-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
<i>Surrogate: 4-Bromofluorobenzene</i>	50.3		ug/L	50.0		101	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.1		ug/L	50.0		102	68-137			
<i>Surrogate: Toluene-d8</i>	50.1		ug/L	50.0		100	83-134			
Matrix Spike (B3K2013-MS1)										
Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Acetone	24.7	50	ug/L	20.0	14.6	50.5	11-169			
tert-Amyl-Methyl Ether (TAME)	16.6	2.0	ug/L	20.0		82.8	66-133			
Benzene	19.0	0.50	ug/L	20.0		94.8	56-135			
Bromobenzene	19.9	0.50	ug/L	20.0		99.5	70-130			
Bromochloromethane	19.1	0.50	ug/L	20.0		95.4	74-125			
Bromodichloromethane	19.6	0.50	ug/L	20.0		98.1	68-144			
Bromoform	18.0	0.50	ug/L	20.0		89.8	68-151			
Bromomethane	16.5	0.50	ug/L	20.0		82.4	54-142			
2-Butanone (MEK)	18.9	20	ug/L	20.0		94.5	62-145			
tert-Butyl Alcohol (TBA)	84.6	10	ug/L	100		84.6	73-162			
sec-Butylbenzene	18.8	0.50	ug/L	20.0		94.0	84-145			
tert-Butylbenzene	18.8	0.50	ug/L	20.0		94.2	70-130			
n-Butylbenzene	18.8	0.50	ug/L	20.0		94.2	70-130			
Carbon Disulfide	17.1	0.50	ug/L	20.0		85.4	28-151			
Carbon Tetrachloride	17.9	0.50	ug/L	20.0		89.3	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0		95.6	70-130			
Chloroethane	20.8	0.50	ug/L	20.0		104	42-164			
Chloroform	19.3	0.50	ug/L	20.0		96.5	65-138			
Chloromethane	21.5	0.50	ug/L	20.0		107	50-152			
2-Chlorotoluene	19.5	0.50	ug/L	20.0		97.5	70-130			
4-Chlorotoluene	19.5	0.50	ug/L	20.0		97.4	70-130			
1,2-Dibromo-3-chloropropane	19.3	1.0	ug/L	20.0		96.3	53-161			
Dibromochloromethane	18.9	0.50	ug/L	20.0		94.5	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0		95.4	76-130			
Dibromomethane	19.1	0.50	ug/L	20.0		95.6	62-135			
1,3-Dichlorobenzene	19.1	0.50	ug/L	20.0		95.6	70-130			
1,2-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.0	70-130			
1,4-Dichlorobenzene	19.2	0.50	ug/L	20.0		95.8	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike (B3K2013-MS1) Continued Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0		98.2	17-153			
1,1-Dichloroethane	19.3	0.50	ug/L	20.0		96.6	55-131			
1,2-Dichloroethane (EDC)	18.1	0.50	ug/L	20.0		90.4	52-168			
1,1-Dichloroethylene	18.8	0.50	ug/L	20.0		94.1	51-140			
trans-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0		94.1	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.6	70-130			
1,2-Dichloropropane	18.8	0.50	ug/L	20.0		93.8	52-142			
2,2-Dichloropropane	17.2	0.50	ug/L	20.0		86.0	36-168			
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		96.1	80-121			
cis-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.6	66-130			
trans-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0		95.3	78-130			
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.4	76-132			
Diisopropyl ether (DIPE)	19.0	2.0	ug/L	20.0		94.8	52-138			
Ethylbenzene	20.0	0.50	ug/L	20.0		100	86-128			
Ethyl-tert-Butyl Ether (ETBE)	16.1	2.0	ug/L	20.0		80.4	64-137			
Hexachlorobutadiene	16.3	1.0	ug/L	20.0		81.6	70-130			
2-Hexanone (MBK)	17.8	20	ug/L	20.0		88.8	52-141			
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.6	70-130			
4-Isopropyltoluene	18.4	1.0	ug/L	20.0		91.8	83-149			
Methyl-tert-Butyl Ether (MTBE)	32.5	1.2	ug/L	40.0		81.2	56-150			
Methylene Chloride	19.6	5.0	ug/L	20.0		97.8	70-130			
4-Methyl-2-pentanone (MIBK)	18.5	20	ug/L	20.0		92.3	60-148			
Naphthalene	18.2	2.0	ug/L	20.0		91.0	70-130			
n-Propylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
Styrene	19.0	0.50	ug/L	20.0		95.0	65-141			
1,1,1,2-Tetrachloroethane	18.3	0.50	ug/L	20.0		91.3	70-130			
1,1,2,2-Tetrachloroethane	19.7	0.50	ug/L	20.0		98.4	62-134			
Tetrachloroethylene (PCE)	18.9	0.50	ug/L	20.0		94.4	70-130			
Toluene	19.0	0.50	ug/L	20.0		95.2	81-123			
1,2,3-Trichlorobenzene	17.4	0.50	ug/L	20.0		87.2	73-144			
1,2,4-Trichlorobenzene	18.4	0.50	ug/L	20.0		91.8	80-137			
1,1,1-Trichloroethane	18.3	0.50	ug/L	20.0		91.4	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike (B3K2013-MS1) Continued Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
1,1,2-Trichloroethane	20.4	0.50	ug/L	20.0		102	76-122			
Trichloroethylene (TCE)	19.0	0.50	ug/L	20.0		95.0	72-136			
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0		91.8	59-144			
1,2,3-Trichloropropane	18.1	0.50	ug/L	20.0		90.4	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.2	0.50	ug/L	20.0		86.2	62-126			
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.3	89-134			
Vinyl chloride	22.6	0.50	ug/L	20.0		113	54-150			
o-Xylene	18.6	0.50	ug/L	20.0		93.2	70-130			
m,p-Xylenes	39.0	1.0	ug/L	40.0		97.5	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.8</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Acetone	27.9	50	ug/L	20.0	14.6	66.7	11-169	12.3	30	
tert-Amyl-Methyl Ether (TAME)	18.9	2.0	ug/L	20.0		94.7	66-133	13.3	30	
Benzene	20.4	0.50	ug/L	20.0		102	56-135	7.22	30	
Bromobenzene	21.6	0.50	ug/L	20.0		108	70-130	8.19	30	
Bromochloromethane	20.5	0.50	ug/L	20.0		103	74-125	7.42	30	
Bromodichloromethane	21.3	0.50	ug/L	20.0		106	68-144	8.07	30	
Bromoform	20.5	0.50	ug/L	20.0		102	68-151	13.3	30	
Bromomethane	19.4	0.50	ug/L	20.0		97.2	54-142	16.4	30	
2-Butanone (MEK)	22.0	20	ug/L	20.0		110	62-145	15.3	30	
tert-Butyl Alcohol (TBA)	99.3	10	ug/L	100		99.3	73-162	15.9	30	
sec-Butylbenzene	20.2	0.50	ug/L	20.0		101	84-145	7.38	30	
tert-Butylbenzene	20.1	0.50	ug/L	20.0		100	70-130	6.27	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130	8.19	30	
Carbon Disulfide	18.0	0.50	ug/L	20.0		89.8	28-151	5.02	30	
Carbon Tetrachloride	19.4	0.50	ug/L	20.0		97.0	58-164	8.27	30	
Chlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	6.57	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Continued										
Chloroethane	20.5	0.50	ug/L	20.0		102	42-164	1.84	30	
Chloroform	20.9	0.50	ug/L	20.0		104	65-138	7.96	30	
Chloromethane	20.5	0.50	ug/L	20.0		103	50-152	4.57	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	6.36	30	
4-Chlorotoluene	20.9	0.50	ug/L	20.0		104	70-130	6.79	30	
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0		113	53-161	15.8	30	
Dibromochloromethane	20.6	0.50	ug/L	20.0		103	70-130	8.41	30	
1,2-Dibromoethane (EDB)	22.0	0.50	ug/L	20.0		110	76-130	14.4	30	
Dibromomethane	21.2	0.50	ug/L	20.0		106	62-135	10.6	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	6.28	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	8.78	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	7.82	30	
Dichlorodifluoromethane (R12)	19.5	0.50	ug/L	20.0		97.4	17-153	0.767	30	
1,1-Dichloroethane	20.8	0.50	ug/L	20.0		104	55-131	7.28	30	
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0		105	52-168	15.0	30	
1,1-Dichloroethylene	20.1	0.50	ug/L	20.0		101	51-140	6.68	30	
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0		101	59-127	7.52	30	
cis-1,2-Dichloroethylene	19.6	0.50	ug/L	20.0		97.9	70-130	6.65	30	
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	52-142	8.43	30	
2,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.2	36-168	3.77	30	
1,3-Dichloropropane	21.2	0.50	ug/L	20.0		106	80-121	9.70	30	
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0		104	66-130	8.99	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	78-130	8.78	30	
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0		98.7	76-132	6.54	30	
Diisopropyl ether (DIPE)	20.4	2.0	ug/L	20.0		102	52-138	7.57	30	
Ethylbenzene	20.9	0.50	ug/L	20.0		105	86-128	4.45	30	
Ethyl-tert-Butyl Ether (ETBE)	17.8	2.0	ug/L	20.0		89.2	64-137	10.4	30	
Hexachlorobutadiene	18.8	1.0	ug/L	20.0		93.8	70-130	14.0	30	
2-Hexanone (MBK)	20.7	20	ug/L	20.0		104	52-141	15.3	30	
Isopropylbenzene	20.9	0.50	ug/L	20.0		104	70-130	5.86	30	
4-Isopropyltoluene	20.1	1.0	ug/L	20.0		100	83-149	8.90	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2013 - EPA 5030B</i>										
Matrix Spike Dup (B3K2013-MSD1) Source: 3K07011-05 Prepared & Analyzed: 11/20/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	37.9	1.2	ug/L	40.0		94.7	56-150	15.3	30	
Methylene Chloride	20.3	5.0	ug/L	20.0		101	70-130	3.57	30	
4-Methyl-2-pentanone (MIBK)	22.0	20	ug/L	20.0		110	60-148	17.5	30	
Naphthalene	21.4	2.0	ug/L	20.0		107	70-130	16.3	30	
n-Propylbenzene	20.9	0.50	ug/L	20.0		105	70-130	4.19	30	
Styrene	20.2	0.50	ug/L	20.0		101	65-141	6.32	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	70-130	9.94	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0		114	62-134	14.8	30	
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0		99.7	70-130	5.41	30	
Toluene	20.0	0.50	ug/L	20.0		100	81-123	5.12	30	
1,2,3-Trichlorobenzene	21.3	0.50	ug/L	20.0		107	73-144	20.1	30	
1,2,4-Trichlorobenzene	20.7	0.50	ug/L	20.0		103	80-137	11.8	30	
1,1,1-Trichloroethane	19.5	0.50	ug/L	20.0		97.5	62-164	6.40	30	
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		110	76-122	7.82	30	
Trichloroethylene (TCE)	20.2	0.50	ug/L	20.0		101	72-136	6.22	30	
Trichlorofluoromethane (R11)	18.4	0.50	ug/L	20.0		91.8	59-144	0.00	30	
1,2,3-Trichloropropane	21.1	0.50	ug/L	20.0		106	69-135	15.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.4	62-126	3.59	30	
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130	7.17	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	89-134	6.43	30	
Vinyl chloride	22.7	0.50	ug/L	20.0		113	54-150	0.486	30	
o-Xylene	20.1	0.50	ug/L	20.0		100	70-130	7.38	30	
m,p-Xylenes	41.1	1.0	ug/L	40.0		103	70-130	5.24	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	49.7		ug/L	50.0		99.4	80-129			
<i>Surrogate: Dibromofluoromethane</i>	50.2		ug/L	50.0		100	68-137			
<i>Surrogate: Toluene-d8</i>	49.9		ug/L	50.0		99.7	83-134			
<i>Batch B3K2119 - EPA 5030B</i>										
Blank (B3K2119-BLK1) Prepared & Analyzed: 11/21/23										
Acetone	<50	50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control									
<i>Batch B3K2119 - EPA 5030B</i>									
Blank (B3K2119-BLK1) Continued					Prepared & Analyzed: 11/21/23				
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L						
Benzene	<0.50	0.50	ug/L						
Bromobenzene	<0.50	0.50	ug/L						
Bromochloromethane	<0.50	0.50	ug/L						
Bromodichloromethane	<0.50	0.50	ug/L						
Bromoform	<0.50	0.50	ug/L						
Bromomethane	<0.50	0.50	ug/L						
2-Butanone (MEK)	<20	20	ug/L						
tert-Butyl Alcohol (TBA)	<10	10	ug/L						
sec-Butylbenzene	<0.50	0.50	ug/L						
tert-Butylbenzene	<0.50	0.50	ug/L						
n-Butylbenzene	<0.50	0.50	ug/L						
Carbon Disulfide	<0.50	0.50	ug/L						
Carbon Tetrachloride	<0.50	0.50	ug/L						
Chlorobenzene	<0.50	0.50	ug/L						
Chloroethane	<0.50	0.50	ug/L						
Chloroform	<0.50	0.50	ug/L						
Chloromethane	<0.50	0.50	ug/L						
2-Chlorotoluene	<0.50	0.50	ug/L						
4-Chlorotoluene	<0.50	0.50	ug/L						
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L						
Dibromochloromethane	<0.50	0.50	ug/L						
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L						
Dibromomethane	<0.50	0.50	ug/L						
1,3-Dichlorobenzene	<0.50	0.50	ug/L						
1,2-Dichlorobenzene	<0.50	0.50	ug/L						
1,4-Dichlorobenzene	<0.50	0.50	ug/L						
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L						
1,1-Dichloroethane	<0.50	0.50	ug/L						
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L						
1,1-Dichloroethylene	<0.50	0.50	ug/L						
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
Blank (B3K2119-BLK1) Continued										
Prepared & Analyzed: 11/21/23										
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
Blank (B3K2119-BLK1) Continued										
Prepared & Analyzed: 11/21/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>102</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
LCS (B3K2119-BS1)										
Prepared & Analyzed: 11/21/23										
Acetone	19.3	50	ug/L	20.0		96.7	27-123			
tert-Amyl-Methyl Ether (TAME)	19.1	2.0	ug/L	20.0		95.6	58-133			
Benzene	20.4	0.50	ug/L	20.0		102	60-134			
Bromobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Bromochloromethane	20.4	0.50	ug/L	20.0		102	78-121			
Bromodichloromethane	20.3	0.50	ug/L	20.0		101	74-135			
Bromoform	19.5	0.50	ug/L	20.0		97.6	68-132			
Bromomethane	17.3	0.50	ug/L	20.0		86.4	58-142			
2-Butanone (MEK)	21.4	20	ug/L	20.0		107	62-138			
tert-Butyl Alcohol (TBA)	98.5	10	ug/L	100		98.5	65-148			
sec-Butylbenzene	19.9	0.50	ug/L	20.0		99.7	84-142			
tert-Butylbenzene	19.5	0.50	ug/L	20.0		97.7	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
Carbon Disulfide	18.1	0.50	ug/L	20.0		90.3	17-177			
Carbon Tetrachloride	19.2	0.50	ug/L	20.0		96.0	66-155			
Chlorobenzene	20.0	0.50	ug/L	20.0		100	70-130			
Chloroethane	19.9	0.50	ug/L	20.0		99.4	45-166			
Chloroform	20.5	0.50	ug/L	20.0		102	71-131			
Chloromethane	20.4	0.50	ug/L	20.0		102	48-152			
2-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
LCS (B3K2119-BS1) Continued										
Prepared & Analyzed: 11/21/23										
4-Chlorotoluene	20.5	0.50	ug/L	20.0		103	70-130			
1,2-Dibromo-3-chloropropane	20.4	1.0	ug/L	20.0		102	53-145			
Dibromochloromethane	19.8	0.50	ug/L	20.0		98.9	72-133			
1,2-Dibromoethane (EDB)	21.0	0.50	ug/L	20.0		105	79-120			
Dibromomethane	20.4	0.50	ug/L	20.0		102	68-124			
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
1,2-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Dichlorodifluoromethane (R12)	18.9	0.50	ug/L	20.0		94.4	16-148			
1,1-Dichloroethane	20.7	0.50	ug/L	20.0		103	67-120			
1,2-Dichloroethane (EDC)	19.9	0.50	ug/L	20.0		99.3	57-156			
1,1-Dichloroethylene	20.5	0.50	ug/L	20.0		102	50-149			
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	19.6	0.50	ug/L	20.0		98.1	70-124			
1,2-Dichloropropane	20.0	0.50	ug/L	20.0		100	53-139			
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.7	44-162			
1,3-Dichloropropane	20.2	0.50	ug/L	20.0		101	79-113			
cis-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	67-127			
trans-1,3-Dichloropropylene	20.9	0.50	ug/L	20.0		105	76-121			
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0		98.2	84-124			
Diisopropyl ether (DIPE)	20.2	2.0	ug/L	20.0		101	51-136			
Ethylbenzene	20.7	0.50	ug/L	20.0		104	86-124			
Ethyl-tert-Butyl Ether (ETBE)	18.4	2.0	ug/L	20.0		92.2	62-136			
Hexachlorobutadiene	19.1	1.0	ug/L	20.0		95.6	76-140			
2-Hexanone (MBK)	19.1	20	ug/L	20.0		95.4	52-123			
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
4-Isopropyltoluene	19.5	1.0	ug/L	20.0		97.4	70-130			
Methyl-tert-Butyl Ether (MTBE)	37.0	1.2	ug/L	40.0		92.4	58-144			
Methylene Chloride	20.0	5.0	ug/L	20.0		100	50-135			
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0		104	49-139			
Naphthalene	19.3	2.0	ug/L	20.0		96.6	74-128			
n-Propylbenzene	20.7	0.50	ug/L	20.0		103	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
LCS (B3K2119-BS1) Continued										
Prepared & Analyzed: 11/21/23										
Styrene	20.4	0.50	ug/L	20.0		102	84-123			
1,1,1,2-Tetrachloroethane	19.2	0.50	ug/L	20.0		96.2	70-130			
1,1,2,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	58-126			
Tetrachloroethylene (PCE)	19.9	0.50	ug/L	20.0		99.6	70-130			
Toluene	20.1	0.50	ug/L	20.0		100	83-118			
1,2,3-Trichlorobenzene	20.3	0.50	ug/L	20.0		102	77-134			
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	84-128			
1,1,1-Trichloroethane	19.4	0.50	ug/L	20.0		97.2	66-158			
1,1,2-Trichloroethane	21.2	0.50	ug/L	20.0		106	75-115			
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.6	82-128			
Trichlorofluoromethane (R11)	17.4	0.50	ug/L	20.0		87.0	65-137			
1,2,3-Trichloropropane	19.9	0.50	ug/L	20.0		99.4	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.1	0.50	ug/L	20.0		85.7	62-130			
1,3,5-Trimethylbenzene	20.3	0.50	ug/L	20.0		102	70-130			
1,2,4-Trimethylbenzene	20.3	0.50	ug/L	20.0		101	70-130			
Vinyl chloride	22.3	0.50	ug/L	20.0		112	51-151			
o-Xylene	20.0	0.50	ug/L	20.0		99.8	70-130			
m,p-Xylenes	40.9	1.0	ug/L	40.0		102	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.6</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.9</i>	<i>83-134</i>			
LCS Dup (B3K2119-BSD1)										
Prepared & Analyzed: 11/21/23										
Acetone	16.5	50	ug/L	20.0		82.4	27-123	16.0	30	
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		100	58-133	4.80	30	
Benzene	19.6	0.50	ug/L	20.0		98.1	60-134	3.70	30	
Bromobenzene	21.8	0.50	ug/L	20.0		109	70-130	3.74	30	
Bromochloromethane	20.7	0.50	ug/L	20.0		103	78-121	1.17	30	
Bromodichloromethane	20.2	0.50	ug/L	20.0		101	74-135	0.593	30	
Bromoform	20.9	0.50	ug/L	20.0		104	68-132	6.78	30	
Bromomethane	17.0	0.50	ug/L	20.0		85.0	58-142	1.57	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
LCS Dup (B3K2119-BSD1) Continued										
Prepared & Analyzed: 11/21/23										
2-Butanone (MEK)	20.2	20	ug/L	20.0		101	62-138	5.57	30	
tert-Butyl Alcohol (TBA)	105	10	ug/L	100		105	65-148	6.23	30	
sec-Butylbenzene	20.0	0.50	ug/L	20.0		100	84-142	0.500	30	
tert-Butylbenzene	20.4	0.50	ug/L	20.0		102	70-130	4.26	30	
n-Butylbenzene	19.7	0.50	ug/L	20.0		98.6	70-130	4.46	30	
Carbon Disulfide	17.0	0.50	ug/L	20.0		85.0	17-177	6.05	30	
Carbon Tetrachloride	18.5	0.50	ug/L	20.0		92.5	66-155	3.71	30	
Chlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	1.78	30	
Chloroethane	19.3	0.50	ug/L	20.0		96.6	45-166	2.91	30	
Chloroform	20.4	0.50	ug/L	20.0		102	71-131	0.539	30	
Chloromethane	19.8	0.50	ug/L	20.0		99.2	48-152	2.59	30	
2-Chlorotoluene	20.7	0.50	ug/L	20.0		104	70-130	2.05	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130	0.980	30	
1,2-Dibromo-3-chloropropane	21.8	1.0	ug/L	20.0		109	53-145	6.55	30	
Dibromochloromethane	20.8	0.50	ug/L	20.0		104	72-133	4.88	30	
1,2-Dibromoethane (EDB)	21.7	0.50	ug/L	20.0		109	79-120	3.32	30	
Dibromomethane	21.2	0.50	ug/L	20.0		106	68-124	3.74	30	
1,3-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	3.03	30	
1,2-Dichlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	3.82	30	
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130	0.734	30	
Dichlorodifluoromethane (R12)	17.7	0.50	ug/L	20.0		88.6	16-148	6.34	30	
1,1-Dichloroethane	20.2	0.50	ug/L	20.0		101	67-120	2.45	30	
1,2-Dichloroethane (EDC)	20.1	0.50	ug/L	20.0		101	57-156	1.25	30	
1,1-Dichloroethylene	19.7	0.50	ug/L	20.0		98.5	50-149	3.83	30	
trans-1,2-Dichloroethylene	19.4	0.50	ug/L	20.0		96.8	66-126	4.74	30	
cis-1,2-Dichloroethylene	19.4	0.50	ug/L	20.0		97.2	70-124	0.922	30	
1,2-Dichloropropane	19.6	0.50	ug/L	20.0		98.1	53-139	2.02	30	
2,2-Dichloropropane	17.3	0.50	ug/L	20.0		86.5	44-162	13.2	30	
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	79-113	5.81	30	
cis-1,3-Dichloropropylene	19.9	0.50	ug/L	20.0		99.7	67-127	4.41	30	
trans-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	76-121	2.27	30	
1,1-Dichloropropylene	18.5	0.50	ug/L	20.0		92.4	84-124	6.08	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
LCS Dup (B3K2119-BSD1) Continued										
Prepared & Analyzed: 11/21/23										
Diisopropyl ether (DIPE)	20.3	2.0	ug/L	20.0		102	51-136	0.691	30	
Ethylbenzene	21.0	0.50	ug/L	20.0		105	86-124	1.49	30	
Ethyl-tert-Butyl Ether (ETBE)	21.2	2.0	ug/L	20.0		106	62-136	13.8	30	
Hexachlorobutadiene	18.8	1.0	ug/L	20.0		94.0	76-140	1.74	30	
2-Hexanone (MBK)	21.1	20	ug/L	20.0		106	52-123	10.1	30	
Isopropylbenzene	21.1	0.50	ug/L	20.0		105	70-130	1.82	30	
4-Isopropyltoluene	19.3	1.0	ug/L	20.0		96.4	70-130	1.03	30	
Methyl-tert-Butyl Ether (MTBE)	45.0	1.2	ug/L	40.0		113	58-144	19.7	30	
Methylene Chloride	20.8	5.0	ug/L	20.0		104	50-135	3.73	30	
4-Methyl-2-pentanone (MIBK)	23.3	20	ug/L	20.0		116	49-139	11.3	30	
Naphthalene	21.2	2.0	ug/L	20.0		106	74-128	9.46	30	
n-Propylbenzene	20.6	0.50	ug/L	20.0		103	70-130	0.388	30	
Styrene	20.2	0.50	ug/L	20.0		101	84-123	1.43	30	
1,1,1,2-Tetrachloroethane	20.5	0.50	ug/L	20.0		103	70-130	6.39	30	
1,1,2,2-Tetrachloroethane	23.0	0.50	ug/L	20.0		115	58-126	8.23	30	
Tetrachloroethylene (PCE)	19.2	0.50	ug/L	20.0		96.2	70-130	3.42	30	
Toluene	19.9	0.50	ug/L	20.0		99.3	83-118	1.00	30	
1,2,3-Trichlorobenzene	21.2	0.50	ug/L	20.0		106	77-134	4.33	30	
1,2,4-Trichlorobenzene	20.9	0.50	ug/L	20.0		104	84-128	2.08	30	
1,1,1-Trichloroethane	18.6	0.50	ug/L	20.0		93.0	66-158	4.42	30	
1,1,2-Trichloroethane	22.2	0.50	ug/L	20.0		111	75-115	4.56	30	
Trichloroethylene (TCE)	19.4	0.50	ug/L	20.0		97.0	82-128	2.59	30	
Trichlorofluoromethane (R11)	17.8	0.50	ug/L	20.0		89.1	65-137	2.33	30	
1,2,3-Trichloropropane	21.3	0.50	ug/L	20.0		106	68-123	6.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.2	0.50	ug/L	20.0		86.2	62-130	0.524	30	
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.19	30	
1,2,4-Trimethylbenzene	20.4	0.50	ug/L	20.0		102	70-130	0.885	30	
Vinyl chloride	21.2	0.50	ug/L	20.0		106	51-151	5.05	30	
o-Xylene	20.4	0.50	ug/L	20.0		102	70-130	2.13	30	
m,p-Xylenes	41.0	1.0	ug/L	40.0		102	70-130	0.318	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2119 - EPA 5030B

LCS Dup (B3K2119-BSD1) Continued

Prepared & Analyzed: 11/21/23

Surrogate: 4-Bromofluorobenzene	50.6		ug/L	50.0		101	80-129			
Surrogate: Dibromofluoromethane	49.2		ug/L	50.0		98.3	68-137			
Surrogate: Toluene-d8	50.3		ug/L	50.0		101	83-134			

Matrix Spike (B3K2119-MS1)

Source: 3K10007-08 Prepared & Analyzed: 11/21/23

Acetone	31.6	50	ug/L	20.0	16.7	74.6	11-169			
tert-Amyl-Methyl Ether (TAME)	20.3	2.0	ug/L	20.0	<2.0	102	66-133			
Benzene	20.6	0.50	ug/L	20.0	<0.50	103	56-135			
Bromobenzene	21.5	0.50	ug/L	20.0	<0.50	108	70-130			
Bromochloromethane	21.7	0.50	ug/L	20.0	<0.50	108	74-125			
Bromodichloromethane	21.9	0.50	ug/L	20.0	<0.50	109	68-144			
Bromoform	21.1	0.50	ug/L	20.0	<0.50	106	68-151			
Bromomethane	17.8	0.50	ug/L	20.0	<0.50	88.9	54-142			
2-Butanone (MEK)	22.6	20	ug/L	20.0	<20	113	62-145			
tert-Butyl Alcohol (TBA)	108	10	ug/L	100	<10	108	73-162			
sec-Butylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	84-145			
tert-Butylbenzene	20.2	0.50	ug/L	20.0	0.220	99.8	70-130			
n-Butylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
Carbon Disulfide	18.9	0.50	ug/L	20.0	0.730	90.7	28-151			
Carbon Tetrachloride	19.8	0.50	ug/L	20.0	<0.50	98.8	58-164			
Chlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
Chloroethane	20.8	0.50	ug/L	20.0	<0.50	104	42-164			
Chloroform	21.4	0.50	ug/L	20.0	<0.50	107	65-138			
Chloromethane	20.9	0.50	ug/L	20.0	<0.50	104	50-152			
2-Chlorotoluene	20.7	0.50	ug/L	20.0	<0.50	104	70-130			
4-Chlorotoluene	20.9	0.50	ug/L	20.0	<0.50	104	70-130			
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0	<1.0	110	53-161			
Dibromochloromethane	21.8	0.50	ug/L	20.0	<0.50	109	70-130			
1,2-Dibromoethane (EDB)	22.4	0.50	ug/L	20.0	<0.50	112	76-130			
Dibromomethane	22.3	0.50	ug/L	20.0	<0.50	112	62-135			
1,3-Dichlorobenzene	20.3	0.50	ug/L	20.0	<0.50	101	70-130			
1,2-Dichlorobenzene	21.3	0.50	ug/L	20.0	<0.50	106	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
Matrix Spike (B3K2119-MS1) Continued Source: 3K10007-08 Prepared & Analyzed: 11/21/23										
Dichlorodifluoromethane (R12)	18.4	0.50	ug/L	20.0	<0.50	92.2	17-153			
1,1-Dichloroethane	21.2	0.50	ug/L	20.0	<0.50	106	55-131			
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0	<0.50	105	52-168			
1,1-Dichloroethylene	20.6	0.50	ug/L	20.0	<0.50	103	51-140			
trans-1,2-Dichloroethylene	20.2	0.50	ug/L	20.0	<0.50	101	59-127			
cis-1,2-Dichloroethylene	20.2	0.50	ug/L	20.0	<0.50	101	70-130			
1,2-Dichloropropane	20.8	0.50	ug/L	20.0	<0.50	104	52-142			
2,2-Dichloropropane	18.6	0.50	ug/L	20.0	<0.50	92.8	36-168			
1,3-Dichloropropane	21.9	0.50	ug/L	20.0	<0.50	110	80-121			
cis-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0	<0.50	107	66-130			
trans-1,3-Dichloropropylene	21.2	0.50	ug/L	20.0	<0.50	106	78-130			
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0	<0.50	99.0	76-132			
Diisopropyl ether (DIPE)	21.3	2.0	ug/L	20.0	<2.0	106	52-138			
Ethylbenzene	21.8	0.50	ug/L	20.0	<0.50	109	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.3	2.0	ug/L	20.0	<2.0	101	64-137			
Hexachlorobutadiene	17.5	1.0	ug/L	20.0	<1.0	87.4	70-130			
2-Hexanone (MBK)	21.3	20	ug/L	20.0	<20	106	52-141			
Isopropylbenzene	20.9	0.50	ug/L	20.0	<0.50	104	70-130			
4-Isopropyltoluene	19.7	1.0	ug/L	20.0	<1.0	98.5	83-149			
Methyl-tert-Butyl Ether (MTBE)	43.3	1.2	ug/L	40.0	<1.2	108	56-150			
Methylene Chloride	20.4	5.0	ug/L	20.0	<5.0	102	70-130			
4-Methyl-2-pentanone (MIBK)	22.9	20	ug/L	20.0	<20	114	60-148			
Naphthalene	20.4	2.0	ug/L	20.0	<2.0	102	70-130			
n-Propylbenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
Styrene	21.1	0.50	ug/L	20.0	<0.50	105	65-141			
1,1,1,2-Tetrachloroethane	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0	<0.50	114	62-134			
Tetrachloroethylene (PCE)	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
Toluene	20.7	0.50	ug/L	20.0	<0.50	104	81-123			
1,2,3-Trichlorobenzene	19.4	0.50	ug/L	20.0	<0.50	97.0	73-144			
1,2,4-Trichlorobenzene	20.0	0.50	ug/L	20.0	<0.50	100	80-137			
1,1,1-Trichloroethane	20.0	0.50	ug/L	20.0	<0.50	99.8	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
Matrix Spike (B3K2119-MS1) Continued Source: 3K10007-08 Prepared & Analyzed: 11/21/23										
1,1,2-Trichloroethane	22.8	0.50	ug/L	20.0	<0.50	114	76-122			
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0	<0.50	104	72-136			
Trichlorofluoromethane (R11)	19.0	0.50	ug/L	20.0	<0.50	95.0	59-144			
1,2,3-Trichloropropane	21.6	0.50	ug/L	20.0	<0.50	108	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.7	0.50	ug/L	20.0	<0.50	88.4	62-126			
1,3,5-Trimethylbenzene	21.1	0.50	ug/L	20.0	<0.50	105	70-130			
1,2,4-Trimethylbenzene	20.7	0.50	ug/L	20.0	<0.50	104	89-134			
Vinyl chloride	22.8	0.50	ug/L	20.0	<0.50	114	54-150			
o-Xylene	20.9	0.50	ug/L	20.0	<0.50	105	70-130			
m,p-Xylenes	42.4	1.0	ug/L	40.0	<1.0	106	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.8</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2119-MSD1) Source: 3K10007-08 Prepared & Analyzed: 11/21/23										
Acetone	32.6	50	ug/L	20.0	16.7	79.3	11-169	2.96	30	
tert-Amyl-Methyl Ether (TAME)	20.4	2.0	ug/L	20.0	<2.0	102	66-133	0.687	30	
Benzene	20.6	0.50	ug/L	20.0	<0.50	103	56-135	0.0970	30	
Bromobenzene	21.7	0.50	ug/L	20.0	<0.50	108	70-130	0.834	30	
Bromochloromethane	21.1	0.50	ug/L	20.0	<0.50	106	74-125	2.80	30	
Bromodichloromethane	21.0	0.50	ug/L	20.0	<0.50	105	68-144	4.10	30	
Bromoform	21.2	0.50	ug/L	20.0	<0.50	106	68-151	0.142	30	
Bromomethane	21.1	0.50	ug/L	20.0	<0.50	106	54-142	17.3	30	
2-Butanone (MEK)	24.0	20	ug/L	20.0	<20	120	62-145	6.31	30	
tert-Butyl Alcohol (TBA)	118	10	ug/L	100	<10	118	73-162	8.82	30	
sec-Butylbenzene	20.3	0.50	ug/L	20.0	<0.50	101	84-145	0.991	30	
tert-Butylbenzene	20.7	0.50	ug/L	20.0	0.220	103	70-130	2.79	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	0.0978	30	
Carbon Disulfide	18.3	0.50	ug/L	20.0	0.730	88.0	28-151	2.96	30	
Carbon Tetrachloride	20.1	0.50	ug/L	20.0	<0.50	101	58-164	1.75	30	
Chlorobenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	3.64	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
Matrix Spike Dup (B3K2119-MSD1) Source: 3K10007-08 Prepared & Analyzed: 11/21/23										
Continued										
Chloroethane	21.3	0.50	ug/L	20.0	<0.50	107	42-164	2.28	30	
Chloroform	21.3	0.50	ug/L	20.0	<0.50	107	65-138	0.374	30	
Chloromethane	20.6	0.50	ug/L	20.0	<0.50	103	50-152	1.35	30	
2-Chlorotoluene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	0.678	30	
4-Chlorotoluene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	1.25	30	
1,2-Dibromo-3-chloropropane	22.9	1.0	ug/L	20.0	<1.0	114	53-161	4.01	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0	<0.50	104	70-130	3.99	30	
1,2-Dibromoethane (EDB)	21.9	0.50	ug/L	20.0	<0.50	110	76-130	1.99	30	
Dibromomethane	22.1	0.50	ug/L	20.0	<0.50	110	62-135	1.04	30	
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	0.884	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130	0.328	30	
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	1.31	30	
Dichlorodifluoromethane (R12)	18.8	0.50	ug/L	20.0	<0.50	93.8	17-153	1.72	30	
1,1-Dichloroethane	21.7	0.50	ug/L	20.0	<0.50	108	55-131	2.14	30	
1,2-Dichloroethane (EDC)	20.5	0.50	ug/L	20.0	<0.50	103	52-168	2.45	30	
1,1-Dichloroethylene	21.1	0.50	ug/L	20.0	<0.50	106	51-140	2.35	30	
trans-1,2-Dichloroethylene	20.7	0.50	ug/L	20.0	<0.50	103	59-127	2.30	30	
cis-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0	<0.50	100	70-130	0.646	30	
1,2-Dichloropropane	20.4	0.50	ug/L	20.0	<0.50	102	52-142	1.90	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0	<0.50	93.6	36-168	0.858	30	
1,3-Dichloropropane	21.6	0.50	ug/L	20.0	<0.50	108	80-121	1.47	30	
cis-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0	<0.50	105	66-130	2.36	30	
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0	<0.50	103	78-130	3.06	30	
1,1-Dichloropropylene	19.9	0.50	ug/L	20.0	<0.50	99.6	76-132	0.654	30	
Diisopropyl ether (DIPE)	20.7	2.0	ug/L	20.0	<2.0	104	52-138	2.86	30	
Ethylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	86-128	1.71	30	
Ethyl-tert-Butyl Ether (ETBE)	20.8	2.0	ug/L	20.0	<2.0	104	64-137	2.72	30	
Hexachlorobutadiene	17.9	1.0	ug/L	20.0	<1.0	89.3	70-130	2.09	30	
2-Hexanone (MBK)	21.0	20	ug/L	20.0	<20	105	52-141	1.32	30	
Isopropylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130	2.32	30	
4-Isopropyltoluene	19.9	1.0	ug/L	20.0	<1.0	99.7	83-149	1.21	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2119 - EPA 5030B</i>										
Matrix Spike Dup (B3K2119-MSD1) Source: 3K10007-08 Prepared & Analyzed: 11/21/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	45.5	1.2	ug/L	40.0	<1.2	114	56-150	4.96	30	
Methylene Chloride	20.6	5.0	ug/L	20.0	<5.0	103	70-130	0.732	30	
4-Methyl-2-pentanone (MIBK)	23.0	20	ug/L	20.0	<20	115	60-148	0.436	30	
Naphthalene	22.2	2.0	ug/L	20.0	<2.0	111	70-130	8.46	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130	0.0943	30	
Styrene	20.3	0.50	ug/L	20.0	<0.50	102	65-141	3.82	30	
1,1,1,2-Tetrachloroethane	20.7	0.50	ug/L	20.0	<0.50	103	70-130	0.386	30	
1,1,2,2-Tetrachloroethane	23.5	0.50	ug/L	20.0	<0.50	118	62-134	2.89	30	
Tetrachloroethylene (PCE)	20.5	0.50	ug/L	20.0	<0.50	102	70-130	0.441	30	
Toluene	20.6	0.50	ug/L	20.0	<0.50	103	81-123	0.775	30	
1,2,3-Trichlorobenzene	20.7	0.50	ug/L	20.0	<0.50	104	73-144	6.73	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	80-137	1.83	30	
1,1,1-Trichloroethane	19.8	0.50	ug/L	20.0	<0.50	98.9	62-164	0.956	30	
1,1,2-Trichloroethane	22.7	0.50	ug/L	20.0	<0.50	113	76-122	0.704	30	
Trichloroethylene (TCE)	20.8	0.50	ug/L	20.0	<0.50	104	72-136	0.241	30	
Trichlorofluoromethane (R11)	18.9	0.50	ug/L	20.0	<0.50	94.3	59-144	0.740	30	
1,2,3-Trichloropropane	22.3	0.50	ug/L	20.0	<0.50	111	69-135	3.15	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.2	0.50	ug/L	20.0	<0.50	91.2	62-126	3.06	30	
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	0.619	30	
1,2,4-Trimethylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	89-134	0.776	30	
Vinyl chloride	22.2	0.50	ug/L	20.0	<0.50	111	54-150	2.58	30	
o-Xylene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	2.81	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0	<1.0	105	70-130	1.31	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.3</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K1333 - EPA 3510C

Blank (B3K1333-BLK1)

Prepared: 11/13/23 Analyzed: 11/15/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K1333 - EPA 3510C</i>										
Blank (B3K1333-BLK1) Continued				Prepared: 11/13/23 Analyzed: 11/15/23						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0583</i>		<i>mg/L</i>	<i>0.0400</i>		<i>146</i>	<i>50-150</i>			
LCS (B3K1333-BS1)				Prepared: 11/13/23 Analyzed: 11/15/23						
Diesel Range Organics as Diesel	0.676	0.10	mg/L	0.800		84.5	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0560</i>		<i>mg/L</i>	<i>0.0400</i>		<i>140</i>	<i>50-150</i>			
LCS Dup (B3K1333-BSD1)				Prepared: 11/13/23 Analyzed: 11/15/23						
Diesel Range Organics as Diesel	0.632	0.10	mg/L	0.800		78.9	36-132	6.76	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0540</i>		<i>mg/L</i>	<i>0.0400</i>		<i>135</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1329 - *** DEFAULT PREP ***</i>										
Blank (B3K1329-BLK1)				Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-120</i>			
LCS (B3K1329-BS1)				Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	479	100	ug/L	500		95.8	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>55.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>80-120</i>			
LCS Dup (B3K1329-BSD1)				Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	512	100	ug/L	500		102	75-125	6.64	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>57.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>116</i>	<i>80-120</i>			
Matrix Spike (B3K1329-MS1)				Source: 3K07011-13 Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	473	100	ug/L	500		94.7	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>55.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>80-120</i>			
Matrix Spike Dup (B3K1329-MSD1)				Source: 3K07011-13 Prepared & Analyzed: 11/13/23						
Gasoline Range Organics (GRO)	455	100	ug/L	500		91.1	70-130	3.86	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-120</i>			
<i>Batch B3K1420 - *** DEFAULT PREP ***</i>										
Blank (B3K1420-BLK1)				Prepared & Analyzed: 11/14/23						

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1420 - *** DEFAULT PREP ***</i>										
Blank (B3K1420-BLK1) Continued				Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.1		ug/L	50.0		86.1	80-120			
LCS (B3K1420-BS1)				Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	358	100	ug/L	450		79.6	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	48.5		ug/L	50.0		97.0	80-120			
LCS Dup (B3K1420-BSD1)				Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	481	100	ug/L	450		107	75-125	29.2	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	53.3		ug/L	50.0		107	80-120			
Matrix Spike (B3K1420-MS1)				Source: 3K10008-04 Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	368	100	ug/L	500		73.5	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	44.3		ug/L	50.0		88.6	80-120			
Matrix Spike Dup (B3K1420-MSD1)				Source: 3K10008-04 Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	375	100	ug/L	500		75.1	70-130	2.09	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	51.8		ug/L	50.0		104	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335335
Date Received: 11/10/23
Date Reported: 12/11/23

Special Notes

A handwritten signature in black ink, appearing to read 'Viorel Vasile', written over a horizontal line.

Viorel Vasile
Operations Manager



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California 91311
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December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335336 / 3K10008**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/10/23 17:18 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to be 'V. Vasile'.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K10008-01	Water	5	11/09/23 06:00	11/10/23 17:18
QCEB-1	3K10008-02	Water	5	11/09/23 07:20	11/10/23 17:18

8260B+OXYGENATES

GW-2	3K10008-03	Water	5	11/09/23 08:00	11/10/23 17:18
MW-24	3K10008-04	Water	5	11/09/23 08:40	11/10/23 17:18
GMW-16	3K10008-05	Water	5	11/09/23 09:20	11/10/23 17:18
GMW-21	3K10008-06	Water	5	11/09/23 09:55	11/10/23 17:18
DUP-4	3K10008-07	Water	5	11/09/23 00:00	11/10/23 17:18
GMW-5	3K10008-08	Water	5	11/09/23 10:35	11/10/23 17:18
GMW-56	3K10008-09	Water	5	11/09/23 11:10	11/10/23 17:18
GMW-45	3K10008-10	Water	5	11/09/23 11:45	11/10/23 17:18
GMW-47	3K10008-11	Water	5	11/09/23 12:20	11/10/23 17:18
GMW-57	3K10008-12	Water	5	11/09/23 12:55	11/10/23 17:18
EXP-1	3K10008-13	Water	5	11/09/23 13:30	11/10/23 17:18

Diesel Range Organics 8015M

QCEB-1	3K10008-02	Water	5	11/09/23 07:20	11/10/23 17:18
GW-2	3K10008-03	Water	5	11/09/23 08:00	11/10/23 17:18
MW-24	3K10008-04	Water	5	11/09/23 08:40	11/10/23 17:18

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-16	3K10008-05	Water	5	11/09/23 09:20	11/10/23 17:18
GMW-21	3K10008-06	Water	5	11/09/23 09:55	11/10/23 17:18
DUP-4	3K10008-07	Water	5	11/09/23 00:00	11/10/23 17:18
GMW-5	3K10008-08	Water	5	11/09/23 10:35	11/10/23 17:18
GMW-56	3K10008-09	Water	5	11/09/23 11:10	11/10/23 17:18
GMW-45	3K10008-10	Water	5	11/09/23 11:45	11/10/23 17:18
GMW-47	3K10008-11	Water	5	11/09/23 12:20	11/10/23 17:18
GMW-57	3K10008-12	Water	5	11/09/23 12:55	11/10/23 17:18
EXP-1	3K10008-13	Water	5	11/09/23 13:30	11/10/23 17:18

Gasoline Range Organics 8015M

GW-2	3K10008-03	Water	5	11/09/23 08:00	11/10/23 17:18
MW-24	3K10008-04	Water	5	11/09/23 08:40	11/10/23 17:18
GMW-16	3K10008-05	Water	5	11/09/23 09:20	11/10/23 17:18
GMW-21	3K10008-06	Water	5	11/09/23 09:55	11/10/23 17:18
DUP-4	3K10008-07	Water	5	11/09/23 00:00	11/10/23 17:18
GMW-5	3K10008-08	Water	5	11/09/23 10:35	11/10/23 17:18
GMW-56	3K10008-09	Water	5	11/09/23 11:10	11/10/23 17:18
GMW-45	3K10008-10	Water	5	11/09/23 11:45	11/10/23 17:18
GMW-47	3K10008-11	Water	5	11/09/23 12:20	11/10/23 17:18
GMW-57	3K10008-12	Water	5	11/09/23 12:55	11/10/23 17:18

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
EXP-1	3K10008-13	Water	5	11/09/23 13:30	11/10/23 17:18

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	
AA ID No:	3K10008-01	3K10008-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	
AA ID No:	3K10008-01	3K10008-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	
AA ID No:	3K10008-01	3K10008-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	105%	103%	80-129
Dibromofluoromethane	107%	110%	68-137
Toluene-d8	108%	107%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K10008-03	3K10008-04	3K10008-05	3K10008-06	
Client ID No:	GW-2	MW-24	GMW-16	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23
AA ID No:	3K10008-03	3K10008-04	3K10008-05	3K10008-06
Client ID No:	GW-2	MW-24	GMW-16	GMW-21
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

	11/09/23	11/09/23	11/09/23	11/09/23	
Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K10008-03	3K10008-04	3K10008-05	3K10008-06	
Client ID No:	GW-2	MW-24	GMW-16	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	104%	109%	107%	104%	80-129
Dibromofluoromethane	106%	102%	105%	104%	68-137
Toluene-d8	108%	111%	110%	109%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

	11/09/23	11/09/23	11/09/23	11/09/23	
Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/21/23	
AA ID No:	3K10008-07	3K10008-08	3K10008-09	3K10008-10	
Client ID No:	DUP-4	GMW-5	GMW-56	GMW-45	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	11	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/21/23	
AA ID No:	3K10008-07	3K10008-08	3K10008-09	3K10008-10	
Client ID No:	DUP-4	GMW-5	GMW-56	GMW-45	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/21/23	
AA ID No:	3K10008-07	3K10008-08	3K10008-09	3K10008-10	
Client ID No:	DUP-4	GMW-5	GMW-56	GMW-45	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	106%	108%	107%	111%	80-129
Dibromofluoromethane	109%	111%	113%	114%	68-137
Toluene-d8	108%	109%	109%	109%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

	11/09/23	11/09/23	11/09/23	
Date Sampled:	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10008-11	3K10008-12	3K10008-13	
Client ID No:	GMW-47	GMW-57	EXP-1	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

	11/09/23	11/09/23	11/09/23	
Date Sampled:	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10008-11	3K10008-12	3K10008-13	
Client ID No:	GMW-47	GMW-57	EXP-1	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

	11/09/23	11/09/23	11/09/23	
Date Sampled:	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10008-11	3K10008-12	3K10008-13	
Client ID No:	GMW-47	GMW-57	EXP-1	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>				<u>%REC Limits</u>
4-Bromofluorobenzene	112%	112%	114%	80-129
Dibromofluoromethane	117%	114%	115%	68-137
Toluene-d8	110%	109%	110%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10008-02	3K10008-03	3K10008-04	3K10008-05	
Client ID No:	QCEB-1	GW-2	MW-24	GMW-16	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.11	<0.10	0.72	0.10
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Surrogates

o-Terphenyl	144%	140%	145%	141%	<u>%REC Limits</u> 50-150
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10008-06	3K10008-07	3K10008-08	3K10008-09	
Client ID No:	GMW-21	DUP-4	GMW-5	GMW-56	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	1.4	1.4	<0.10	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	150%	150%	145%	139%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Analyzed:	11/16/23	11/16/23	11/16/23	11/16/23	
AA ID No:	3K10008-10	3K10008-11	3K10008-12	3K10008-13	
Client ID No:	GMW-45	GMW-47	GMW-57	EXP-1	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.85	<0.10	<0.10	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	113%	127%	125%	130%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335336
Project No:	091-NOR-001	Date Received:	11/10/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K10008-03	3K10008-04	3K10008-05	3K10008-06	
Client ID No:	GW-2	MW-24	GMW-16	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

					<u>%REC Limits</u>
a,a,a-Trifluorotoluene	97%	92%	98%	94%	80-120

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Analyzed:	11/14/23	11/14/23	11/14/23	11/14/23	
AA ID No:	3K10008-07	3K10008-08	3K10008-09	3K10008-10	
Client ID No:	DUP-4	GMW-5	GMW-56	GMW-45	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	84%	104%	95%	94%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/09/23	11/09/23	11/09/23	
Date Prepared:	11/15/23	11/15/23	11/15/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10008-11	3K10008-12	3K10008-13	
Client ID No:	GMW-47	GMW-57	EXP-1	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	89%	96%	88%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



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Date Received: 11/10/23
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2014 - EPA 5030B

Blank (B3K2014-BLK1)

Prepared & Analyzed: 11/20/23

Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



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Date Received: 11/10/23
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>52.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>83-134</i>			
LCS (B3K2014-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.2	50	ug/L	20.0		116	27-123			
tert-Amyl-Methyl Ether (TAME)	19.9	2.0	ug/L	20.0		99.6	58-133			
Benzene	18.9	0.50	ug/L	20.0		94.4	60-134			
Bromobenzene	20.3	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	22.3	0.50	ug/L	20.0		112	78-121			
Bromodichloromethane	21.5	0.50	ug/L	20.0		107	74-135			
Bromoform	19.7	0.50	ug/L	20.0		98.6	68-132			
Bromomethane	17.6	0.50	ug/L	20.0		87.9	58-142			
2-Butanone (MEK)	22.7	20	ug/L	20.0		113	62-138			
tert-Butyl Alcohol (TBA)	121	10	ug/L	100		121	65-148			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	24.9	0.50	ug/L	20.0		125	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	18.8	0.50	ug/L	20.0		94.0	70-130			
Chloroethane	22.3	0.50	ug/L	20.0		111	45-166			
Chloroform	21.5	0.50	ug/L	20.0		107	71-131			
Chloromethane	20.3	0.50	ug/L	20.0		102	48-152			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
2-Chlorotoluene	19.1	0.50	ug/L	20.0		95.5	70-130			
4-Chlorotoluene	18.4	0.50	ug/L	20.0		91.8	70-130			
1,2-Dibromo-3-chloropropane	22.8	1.0	ug/L	20.0		114	53-145			
Dibromochloromethane	22.1	0.50	ug/L	20.0		110	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Dichlorodifluoromethane (R12)	27.1	0.50	ug/L	20.0		135	16-148			
1,1-Dichloroethane	20.9	0.50	ug/L	20.0		104	67-120			
1,2-Dichloroethane (EDC)	23.3	0.50	ug/L	20.0		117	57-156			
1,1-Dichloroethylene	23.6	0.50	ug/L	20.0		118	50-149			
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.6	53-139			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		107	44-162			
1,3-Dichloropropane	19.9	0.50	ug/L	20.0		99.6	79-113			
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	67-127			
trans-1,3-Dichloropropylene	22.1	0.50	ug/L	20.0		111	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	84-124			
Diisopropyl ether (DIPE)	20.1	2.0	ug/L	20.0		101	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.2	86-124			
Ethyl-tert-Butyl Ether (ETBE)	20.7	2.0	ug/L	20.0		104	62-136			
Gasoline Range Organics (GRO)	546	100	ug/L	500		109	60-123			
Hexachlorobutadiene	21.9	1.0	ug/L	20.0		110	76-140			
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123			
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.7	1.2	ug/L	40.0		119	58-144			
Methylene Chloride	24.8	5.0	ug/L	20.0		124	50-135			
4-Methyl-2-pentanone (MIBK)	18.2	20	ug/L	20.0		91.0	49-139			

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Operations Manager



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Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Naphthalene	16.9	2.0	ug/L	20.0		84.6	74-128			
n-Propylbenzene	20.3	0.50	ug/L	20.0		101	70-130			
Styrene	17.3	0.50	ug/L	20.0		86.4	84-123			
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		98.9	58-126			
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		98.0	70-130			
Toluene	18.4	0.50	ug/L	20.0		91.8	83-118			
1,2,3-Trichlorobenzene	20.5	0.50	ug/L	20.0		102	77-134			
1,2,4-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	84-128			
1,1,1-Trichloroethane	22.3	0.50	ug/L	20.0		112	66-158			
1,1,2-Trichloroethane	20.7	0.50	ug/L	20.0		104	75-115			
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0		95.3	82-128			
Trichlorofluoromethane (R11)	22.5	0.50	ug/L	20.0		113	65-137			
1,2,3-Trichloropropane	19.8	0.50	ug/L	20.0		99.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.9	0.50	ug/L	20.0		79.4	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	24.3	0.50	ug/L	20.0		122	51-151			
o-Xylene	17.9	0.50	ug/L	20.0		89.6	70-130			
m,p-Xylenes	36.3	1.0	ug/L	40.0		90.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.6		ug/L	50.0		99.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.7		ug/L	50.0		103	68-137			
<i>Surrogate: Toluene-d8</i>	46.5		ug/L	50.0		93.0	83-134			
LCS Dup (B3K2014-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.7	50	ug/L	20.0		118	27-123	2.31	30	
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0		114	58-133	13.3	30	
Benzene	22.0	0.50	ug/L	20.0		110	60-134	15.2	30	
Bromobenzene	21.8	0.50	ug/L	20.0		109	70-130	6.84	30	
Bromochloromethane	22.5	0.50	ug/L	20.0		112	78-121	0.759	30	
Bromodichloromethane	24.2	0.50	ug/L	20.0		121	74-135	11.9	30	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Bromoform	20.5	0.50	ug/L	20.0		102	68-132	3.78	30	
Bromomethane	23.3	0.50	ug/L	20.0		116	58-142	27.9	30	
2-Butanone (MEK)	25.2	20	ug/L	20.0		126	62-138	10.6	30	
tert-Butyl Alcohol (TBA)	160	10	ug/L	100		160	65-148	27.6	30	QL-03
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142	0.828	30	
tert-Butylbenzene	21.8	0.50	ug/L	20.0		109	70-130	1.15	30	
n-Butylbenzene	21.9	0.50	ug/L	20.0		110	70-130	3.20	30	
Carbon Disulfide	24.8	0.50	ug/L	20.0		124	17-177	0.644	30	
Carbon Tetrachloride	25.2	0.50	ug/L	20.0		126	66-155	11.4	30	
Chlorobenzene	18.8	0.50	ug/L	20.0		94.1	70-130	0.0532	30	
Chloroethane	26.9	0.50	ug/L	20.0		134	45-166	18.8	30	
Chloroform	25.6	0.50	ug/L	20.0		128	71-131	17.5	30	
Chloromethane	24.1	0.50	ug/L	20.0		121	48-152	17.1	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130	6.29	30	
4-Chlorotoluene	20.0	0.50	ug/L	20.0		100	70-130	8.65	30	
1,2-Dibromo-3-chloropropane	26.3	1.0	ug/L	20.0		132	53-145	14.1	30	
Dibromochloromethane	23.0	0.50	ug/L	20.0		115	72-133	4.17	30	
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120	2.04	30	
Dibromomethane	25.2	0.50	ug/L	20.0		126	68-124	3.35	30	QL-03
1,3-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130	7.69	30	
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130	6.09	30	
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	5.29	30	
Dichlorodifluoromethane (R12)	36.5	0.50	ug/L	20.0		183	16-148	29.7	30	QL-03
1,1-Dichloroethane	23.8	0.50	ug/L	20.0		119	67-120	13.1	30	
1,2-Dichloroethane (EDC)	25.7	0.50	ug/L	20.0		128	57-156	9.51	30	
1,1-Dichloroethylene	23.2	0.50	ug/L	20.0		116	50-149	1.76	30	
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126	0.245	30	
cis-1,2-Dichloroethylene	21.3	0.50	ug/L	20.0		107	70-124	4.12	30	
1,2-Dichloropropane	22.2	0.50	ug/L	20.0		111	53-139	18.0	30	
2,2-Dichloropropane	21.9	0.50	ug/L	20.0		109	44-162	1.80	30	
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		108	79-113	7.77	30	
cis-1,3-Dichloropropylene	23.2	0.50	ug/L	20.0		116	67-127	12.0	30	

Viorel Vasile
Operations Manager

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AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,3-Dichloropropylene	22.2	0.50	ug/L	20.0		111	76-121	0.586	30	
1,1-Dichloropropylene	22.4	0.50	ug/L	20.0		112	84-124	11.7	30	
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0		111	51-136	9.51	30	
Ethylbenzene	19.5	0.50	ug/L	20.0		97.7	86-124	3.70	30	
Ethyl-tert-Butyl Ether (ETBE)	24.0	2.0	ug/L	20.0		120	62-136	14.8	30	
Gasoline Range Organics (GRO)	512	100	ug/L	500		102	60-123	6.44	30	
Hexachlorobutadiene	22.9	1.0	ug/L	20.0		114	76-140	4.29	30	
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123	0.00	30	
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130	0.147	30	
4-Isopropyltoluene	21.1	1.0	ug/L	20.0		106	70-130	0.285	30	
Methyl-tert-Butyl Ether (MTBE)	49.2	1.2	ug/L	40.0		123	58-144	3.12	30	
Methylene Chloride	34.2	5.0	ug/L	20.0		171	50-135	32.1	30	QL-03
4-Methyl-2-pentanone (MIBK)	19.4	20	ug/L	20.0		96.8	49-139	6.23	30	
Naphthalene	19.6	2.0	ug/L	20.0		98.2	74-128	14.8	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130	4.53	30	
Styrene	18.0	0.50	ug/L	20.0		89.8	84-123	3.92	30	
1,1,1,2-Tetrachloroethane	20.7	0.50	ug/L	20.0		104	70-130	3.49	30	
1,1,2,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		108	58-126	9.17	30	
Tetrachloroethylene (PCE)	19.3	0.50	ug/L	20.0		96.6	70-130	1.49	30	
Toluene	18.2	0.50	ug/L	20.0		91.2	83-118	0.710	30	
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0		113	77-134	10.1	30	
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0		116	84-128	4.82	30	
1,1,1-Trichloroethane	25.2	0.50	ug/L	20.0		126	66-158	12.1	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	4.20	30	
Trichloroethylene (TCE)	23.5	0.50	ug/L	20.0		117	82-128	20.8	30	
Trichlorofluoromethane (R11)	33.3	0.50	ug/L	20.0		167	65-137	38.7	30	QL-03
1,2,3-Trichloropropane	22.5	0.50	ug/L	20.0		112	68-123	12.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.7	0.50	ug/L	20.0		93.7	62-130	16.5	30	
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.947	30	
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	70-130	2.91	30	
Vinyl chloride	27.9	0.50	ug/L	20.0		140	51-151	13.7	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
o-Xylene	18.5	0.50	ug/L	20.0		92.6	70-130	3.35	30	
m,p-Xylenes	36.9	1.0	ug/L	40.0		92.2	70-130	1.72	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>58.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>118</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.7</i>	<i>83-134</i>			
Matrix Spike (B3K2014-MS1)										
Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Acetone	19.8	50	ug/L	20.0		99.2	11-169			
tert-Amyl-Methyl Ether (TAME)	16.7	2.0	ug/L	20.0		83.6	66-133			
Benzene	18.4	0.50	ug/L	20.0		91.8	56-135			
Bromobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
Bromochloromethane	19.8	0.50	ug/L	20.0		98.9	74-125			
Bromodichloromethane	21.4	0.50	ug/L	20.0		107	68-144			
Bromoform	17.3	0.50	ug/L	20.0		86.3	68-151			
Bromomethane	16.3	0.50	ug/L	20.0		81.3	54-142			
2-Butanone (MEK)	16.2	20	ug/L	20.0		81.2	62-145			
tert-Butyl Alcohol (TBA)	97.6	10	ug/L	100		97.6	73-162			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-145			
tert-Butylbenzene	22.1	0.50	ug/L	20.0	0.300	109	70-130			
n-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	28-151			
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0		95.4	70-130			
Chloroethane	20.2	0.50	ug/L	20.0		101	42-164			
Chloroform	21.7	0.50	ug/L	20.0		108	65-138			
Chloromethane	16.2	0.50	ug/L	20.0		81.2	50-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130			
1,2-Dibromo-3-chloropropane	18.4	1.0	ug/L	20.0		92.2	53-161			
Dibromochloromethane	20.0	0.50	ug/L	20.0		100	70-130			
1,2-Dibromoethane (EDB)	18.4	0.50	ug/L	20.0		91.9	76-130			
Dibromomethane	21.6	0.50	ug/L	20.0		108	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	23.1	0.50	ug/L	20.0		115	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0		101	55-131			
1,2-Dichloroethane (EDC)	21.9	0.50	ug/L	20.0		109	52-168			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	51-140			
trans-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0		88.2	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.6	70-130			
1,2-Dichloropropane	17.4	0.50	ug/L	20.0		86.8	52-142			
2,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	36-168			
1,3-Dichloropropane	18.1	0.50	ug/L	20.0		90.6	80-121			
cis-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	66-130			
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	78-130			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	76-132			
Diisopropyl ether (DIPE)	18.1	2.0	ug/L	20.0		90.6	52-138			
Ethylbenzene	20.4	0.50	ug/L	20.0		102	86-128			
Ethyl-tert-Butyl Ether (ETBE)	18.7	2.0	ug/L	20.0		93.5	64-137			
Hexachlorobutadiene	22.3	1.0	ug/L	20.0		111	70-130			
2-Hexanone (MBK)	13.3	20	ug/L	20.0		66.6	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	83-149			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		99.0	56-150			
Methylene Chloride	24.0	5.0	ug/L	20.0		120	70-130			
4-Methyl-2-pentanone (MIBK)	11.2	20	ug/L	20.0		55.9	60-148			QM-07
Naphthalene	15.2	2.0	ug/L	20.0		75.8	70-130			
n-Propylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
Styrene	18.4	0.50	ug/L	20.0		92.2	65-141			
1,1,1,2-Tetrachloroethane	20.5	0.50	ug/L	20.0		103	70-130			
1,1,2,2-Tetrachloroethane	18.2	0.50	ug/L	20.0		90.8	62-134			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130			
Toluene	18.7	0.50	ug/L	20.0		93.7	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
1,2,3-Trichlorobenzene	20.3	0.50	ug/L	20.0		102	73-144			
1,2,4-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	80-137			
1,1,1-Trichloroethane	23.9	0.50	ug/L	20.0		120	62-164			
1,1,2-Trichloroethane	18.0	0.50	ug/L	20.0		89.8	76-122			
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.7	72-136			
Trichlorofluoromethane (R11)	24.2	0.50	ug/L	20.0		121	59-144			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.6	0.50	ug/L	20.0		82.9	62-126			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		109	89-134			
Vinyl chloride	18.7	0.50	ug/L	20.0		93.7	54-150			
o-Xylene	19.9	0.50	ug/L	20.0		99.4	70-130			
m,p-Xylenes	39.6	1.0	ug/L	40.0		98.9	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.0</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Acetone	21.6	50	ug/L	20.0		108	11-169	8.49	30	
tert-Amyl-Methyl Ether (TAME)	16.3	2.0	ug/L	20.0		81.5	66-133	2.60	30	
Benzene	17.4	0.50	ug/L	20.0		86.8	56-135	5.60	30	
Bromobenzene	19.0	0.50	ug/L	20.0		94.8	70-130	4.38	30	
Bromochloromethane	17.9	0.50	ug/L	20.0		89.6	74-125	9.87	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		104	68-144	3.14	30	
Bromoform	18.5	0.50	ug/L	20.0		92.7	68-151	7.15	30	
Bromomethane	18.2	0.50	ug/L	20.0		90.8	54-142	11.0	30	
2-Butanone (MEK)	18.4	20	ug/L	20.0		92.2	62-145	12.6	30	
tert-Butyl Alcohol (TBA)	93.2	10	ug/L	100		93.2	73-162	4.57	30	
sec-Butylbenzene	19.6	0.50	ug/L	20.0		98.0	84-145	4.10	30	
tert-Butylbenzene	21.5	0.50	ug/L	20.0	0.300	106	70-130	2.76	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130	8.87	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
Carbon Disulfide	21.5	0.50	ug/L	20.0		108	28-151	1.29	30	
Carbon Tetrachloride	23.0	0.50	ug/L	20.0		115	58-164	5.08	30	
Chlorobenzene	20.1	0.50	ug/L	20.0		101	70-130	5.35	30	
Chloroethane	19.6	0.50	ug/L	20.0		98.0	42-164	3.02	30	
Chloroform	20.4	0.50	ug/L	20.0		102	65-138	6.18	30	
Chloromethane	17.9	0.50	ug/L	20.0		89.6	50-152	9.83	30	
2-Chlorotoluene	19.4	0.50	ug/L	20.0		97.0	70-130	8.92	30	
4-Chlorotoluene	18.6	0.50	ug/L	20.0		93.1	70-130	16.0	30	
1,2-Dibromo-3-chloropropane	17.2	1.0	ug/L	20.0		86.2	53-161	6.78	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0		104	70-130	4.31	30	
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0		95.9	76-130	4.26	30	
Dibromomethane	20.0	0.50	ug/L	20.0		100	62-135	7.36	30	
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	3.52	30	
1,2-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	4.98	30	
1,4-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.1	70-130	5.69	30	
Dichlorodifluoromethane (R12)	23.7	0.50	ug/L	20.0		119	17-153	2.86	30	
1,1-Dichloroethane	18.3	0.50	ug/L	20.0		91.6	55-131	10.2	30	
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		99.0	52-168	9.84	30	
1,1-Dichloroethylene	21.2	0.50	ug/L	20.0		106	51-140	10.4	30	
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.5	59-127	2.00	30	
cis-1,2-Dichloroethylene	17.1	0.50	ug/L	20.0		85.6	70-130	6.77	30	
1,2-Dichloropropane	16.8	0.50	ug/L	20.0		84.2	52-142	3.04	30	
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	36-168	6.20	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.9	80-121	5.68	30	
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.3	66-130	5.77	30	
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130	6.95	30	
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	76-132	3.10	30	
Diisopropyl ether (DIPE)	17.1	2.0	ug/L	20.0		85.3	52-138	5.97	30	
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-128	5.34	30	
Ethyl-tert-Butyl Ether (ETBE)	17.6	2.0	ug/L	20.0		88.0	64-137	6.12	30	
Hexachlorobutadiene	21.8	1.0	ug/L	20.0		109	70-130	2.36	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
2-Hexanone (MBK)	15.6	20	ug/L	20.0		78.0	52-141	15.6	30	
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.6	70-130	1.81	30	
4-Isopropyltoluene	20.0	1.0	ug/L	20.0		100	83-149	6.48	30	
Methyl-tert-Butyl Ether (MTBE)	37.6	1.2	ug/L	40.0		94.0	56-150	5.28	30	
Methylene Chloride	24.2	5.0	ug/L	20.0		121	70-130	0.581	30	
4-Methyl-2-pentanone (MIBK)	11.1	20	ug/L	20.0		55.7	60-148	0.358	30	QM-07
Naphthalene	14.9	2.0	ug/L	20.0		74.6	70-130	1.66	30	
n-Propylbenzene	20.2	0.50	ug/L	20.0		101	70-130	3.69	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	65-141	4.35	30	
1,1,1,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		110	70-130	7.23	30	
1,1,2,2-Tetrachloroethane	18.5	0.50	ug/L	20.0		92.6	62-134	1.91	30	
Tetrachloroethylene (PCE)	21.8	0.50	ug/L	20.0		109	70-130	3.89	30	
Toluene	19.9	0.50	ug/L	20.0		99.6	81-123	6.15	30	
1,2,3-Trichlorobenzene	18.6	0.50	ug/L	20.0		93.0	73-144	8.78	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	80-137	9.31	30	
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	62-164	7.24	30	
1,1,2-Trichloroethane	18.7	0.50	ug/L	20.0		93.6	76-122	4.14	30	
Trichloroethylene (TCE)	18.0	0.50	ug/L	20.0		90.2	72-136	10.1	30	
Trichlorofluoromethane (R11)	23.2	0.50	ug/L	20.0		116	59-144	4.22	30	
1,2,3-Trichloropropane	18.3	0.50	ug/L	20.0		91.4	69-135	3.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	14.8	0.50	ug/L	20.0		74.1	62-126	11.2	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130	7.00	30	
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.0	89-134	9.98	30	
Vinyl chloride	18.6	0.50	ug/L	20.0		93.0	54-150	0.750	30	
o-Xylene	20.6	0.50	ug/L	20.0		103	70-130	3.36	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130	5.79	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1)										
Prepared & Analyzed: 11/20/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>52.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>83-134</i>			
LCS (B3K2014-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.2	50	ug/L	20.0		116	27-123			
tert-Amyl-Methyl Ether (TAME)	19.9	2.0	ug/L	20.0		99.6	58-133			
Benzene	18.9	0.50	ug/L	20.0		94.4	60-134			
Bromobenzene	20.3	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	22.3	0.50	ug/L	20.0		112	78-121			
Bromodichloromethane	21.5	0.50	ug/L	20.0		107	74-135			
Bromoform	19.7	0.50	ug/L	20.0		98.6	68-132			
Bromomethane	17.6	0.50	ug/L	20.0		87.9	58-142			
2-Butanone (MEK)	22.7	20	ug/L	20.0		113	62-138			
tert-Butyl Alcohol (TBA)	121	10	ug/L	100		121	65-148			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	24.9	0.50	ug/L	20.0		125	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	18.8	0.50	ug/L	20.0		94.0	70-130			
Chloroethane	22.3	0.50	ug/L	20.0		111	45-166			
Chloroform	21.5	0.50	ug/L	20.0		107	71-131			
Chloromethane	20.3	0.50	ug/L	20.0		102	48-152			
2-Chlorotoluene	19.1	0.50	ug/L	20.0		95.5	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
4-Chlorotoluene	18.4	0.50	ug/L	20.0		91.8	70-130			
1,2-Dibromo-3-chloropropane	22.8	1.0	ug/L	20.0		114	53-145			
Dibromochloromethane	22.1	0.50	ug/L	20.0		110	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Dichlorodifluoromethane (R12)	27.1	0.50	ug/L	20.0		135	16-148			
1,1-Dichloroethane	20.9	0.50	ug/L	20.0		104	67-120			
1,2-Dichloroethane (EDC)	23.3	0.50	ug/L	20.0		117	57-156			
1,1-Dichloroethylene	23.6	0.50	ug/L	20.0		118	50-149			
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.6	53-139			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		107	44-162			
1,3-Dichloropropane	19.9	0.50	ug/L	20.0		99.6	79-113			
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	67-127			
trans-1,3-Dichloropropylene	22.1	0.50	ug/L	20.0		111	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	84-124			
Diisopropyl ether (DIPE)	20.1	2.0	ug/L	20.0		101	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.2	86-124			
Ethyl-tert-Butyl Ether (ETBE)	20.7	2.0	ug/L	20.0		104	62-136			
Hexachlorobutadiene	21.9	1.0	ug/L	20.0		110	76-140			
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123			
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.7	1.2	ug/L	40.0		119	58-144			
Methylene Chloride	24.8	5.0	ug/L	20.0		124	50-135			
4-Methyl-2-pentanone (MIBK)	18.2	20	ug/L	20.0		91.0	49-139			
Naphthalene	16.9	2.0	ug/L	20.0		84.6	74-128			
n-Propylbenzene	20.3	0.50	ug/L	20.0		101	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Styrene	17.3	0.50	ug/L	20.0		86.4	84-123			
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		98.9	58-126			
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		98.0	70-130			
Toluene	18.4	0.50	ug/L	20.0		91.8	83-118			
1,2,3-Trichlorobenzene	20.5	0.50	ug/L	20.0		102	77-134			
1,2,4-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	84-128			
1,1,1-Trichloroethane	22.3	0.50	ug/L	20.0		112	66-158			
1,1,2-Trichloroethane	20.7	0.50	ug/L	20.0		104	75-115			
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0		95.3	82-128			
Trichlorofluoromethane (R11)	22.5	0.50	ug/L	20.0		113	65-137			
1,2,3-Trichloropropane	19.8	0.50	ug/L	20.0		99.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.9	0.50	ug/L	20.0		79.4	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	24.3	0.50	ug/L	20.0		122	51-151			
o-Xylene	17.9	0.50	ug/L	20.0		89.6	70-130			
m,p-Xylenes	36.3	1.0	ug/L	40.0		90.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.6		ug/L	50.0		99.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.7		ug/L	50.0		103	68-137			
<i>Surrogate: Toluene-d8</i>	46.5		ug/L	50.0		93.0	83-134			
LCS Dup (B3K2014-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.7	50	ug/L	20.0		118	27-123	2.31	30	
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0		114	58-133	13.3	30	
Benzene	22.0	0.50	ug/L	20.0		110	60-134	15.2	30	
Bromobenzene	21.8	0.50	ug/L	20.0		109	70-130	6.84	30	
Bromochloromethane	22.5	0.50	ug/L	20.0		112	78-121	0.759	30	
Bromodichloromethane	24.2	0.50	ug/L	20.0		121	74-135	11.9	30	
Bromoform	20.5	0.50	ug/L	20.0		102	68-132	3.78	30	
Bromomethane	23.3	0.50	ug/L	20.0		116	58-142	27.9	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
2-Butanone (MEK)	25.2	20	ug/L	20.0		126	62-138	10.6	30	
tert-Butyl Alcohol (TBA)	160	10	ug/L	100		160	65-148	27.6	30	QL-03
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142	0.828	30	
tert-Butylbenzene	21.8	0.50	ug/L	20.0		109	70-130	1.15	30	
n-Butylbenzene	21.9	0.50	ug/L	20.0		110	70-130	3.20	30	
Carbon Disulfide	24.8	0.50	ug/L	20.0		124	17-177	0.644	30	
Carbon Tetrachloride	25.2	0.50	ug/L	20.0		126	66-155	11.4	30	
Chlorobenzene	18.8	0.50	ug/L	20.0		94.1	70-130	0.0532	30	
Chloroethane	26.9	0.50	ug/L	20.0		134	45-166	18.8	30	
Chloroform	25.6	0.50	ug/L	20.0		128	71-131	17.5	30	
Chloromethane	24.1	0.50	ug/L	20.0		121	48-152	17.1	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130	6.29	30	
4-Chlorotoluene	20.0	0.50	ug/L	20.0		100	70-130	8.65	30	
1,2-Dibromo-3-chloropropane	26.3	1.0	ug/L	20.0		132	53-145	14.1	30	
Dibromochloromethane	23.0	0.50	ug/L	20.0		115	72-133	4.17	30	
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120	2.04	30	
Dibromomethane	25.2	0.50	ug/L	20.0		126	68-124	3.35	30	QL-03
1,3-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130	7.69	30	
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130	6.09	30	
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	5.29	30	
Dichlorodifluoromethane (R12)	36.5	0.50	ug/L	20.0		183	16-148	29.7	30	QL-03
1,1-Dichloroethane	23.8	0.50	ug/L	20.0		119	67-120	13.1	30	
1,2-Dichloroethane (EDC)	25.7	0.50	ug/L	20.0		128	57-156	9.51	30	
1,1-Dichloroethylene	23.2	0.50	ug/L	20.0		116	50-149	1.76	30	
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126	0.245	30	
cis-1,2-Dichloroethylene	21.3	0.50	ug/L	20.0		107	70-124	4.12	30	
1,2-Dichloropropane	22.2	0.50	ug/L	20.0		111	53-139	18.0	30	
2,2-Dichloropropane	21.9	0.50	ug/L	20.0		109	44-162	1.80	30	
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		108	79-113	7.77	30	
cis-1,3-Dichloropropylene	23.2	0.50	ug/L	20.0		116	67-127	12.0	30	
trans-1,3-Dichloropropylene	22.2	0.50	ug/L	20.0		111	76-121	0.586	30	
1,1-Dichloropropylene	22.4	0.50	ug/L	20.0		112	84-124	11.7	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0		111	51-136	9.51	30	
Ethylbenzene	19.5	0.50	ug/L	20.0		97.7	86-124	3.70	30	
Ethyl-tert-Butyl Ether (ETBE)	24.0	2.0	ug/L	20.0		120	62-136	14.8	30	
Hexachlorobutadiene	22.9	1.0	ug/L	20.0		114	76-140	4.29	30	
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123	0.00	30	
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130	0.147	30	
4-Isopropyltoluene	21.1	1.0	ug/L	20.0		106	70-130	0.285	30	
Methyl-tert-Butyl Ether (MTBE)	49.2	1.2	ug/L	40.0		123	58-144	3.12	30	
Methylene Chloride	34.2	5.0	ug/L	20.0		171	50-135	32.1	30	QL-03
4-Methyl-2-pentanone (MIBK)	19.4	20	ug/L	20.0		96.8	49-139	6.23	30	
Naphthalene	19.6	2.0	ug/L	20.0		98.2	74-128	14.8	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130	4.53	30	
Styrene	18.0	0.50	ug/L	20.0		89.8	84-123	3.92	30	
1,1,1,2-Tetrachloroethane	20.7	0.50	ug/L	20.0		104	70-130	3.49	30	
1,1,2,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		108	58-126	9.17	30	
Tetrachloroethylene (PCE)	19.3	0.50	ug/L	20.0		96.6	70-130	1.49	30	
Toluene	18.2	0.50	ug/L	20.0		91.2	83-118	0.710	30	
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0		113	77-134	10.1	30	
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0		116	84-128	4.82	30	
1,1,1-Trichloroethane	25.2	0.50	ug/L	20.0		126	66-158	12.1	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	4.20	30	
Trichloroethylene (TCE)	23.5	0.50	ug/L	20.0		117	82-128	20.8	30	
Trichlorofluoromethane (R11)	33.3	0.50	ug/L	20.0		167	65-137	38.7	30	QL-03
1,2,3-Trichloropropane	22.5	0.50	ug/L	20.0		112	68-123	12.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.7	0.50	ug/L	20.0		93.7	62-130	16.5	30	
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.947	30	
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	70-130	2.91	30	
Vinyl chloride	27.9	0.50	ug/L	20.0		140	51-151	13.7	30	
o-Xylene	18.5	0.50	ug/L	20.0		92.6	70-130	3.35	30	
m,p-Xylenes	36.9	1.0	ug/L	40.0		92.2	70-130	1.72	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2014 - EPA 5030B

LCS Dup (B3K2014-BSD1) Continued

Prepared & Analyzed: 11/20/23

Surrogate: 4-Bromofluorobenzene	50.6		ug/L	50.0		101	80-129			
Surrogate: Dibromofluoromethane	58.8		ug/L	50.0		118	68-137			
Surrogate: Toluene-d8	45.3		ug/L	50.0		90.7	83-134			

Matrix Spike (B3K2014-MS1)

Source: 3K10008-03 Prepared & Analyzed: 11/20/23

Acetone	19.8	50	ug/L	20.0	<50	99.2	11-169			
tert-Amyl-Methyl Ether (TAME)	16.7	2.0	ug/L	20.0	<2.0	83.6	66-133			
Benzene	18.4	0.50	ug/L	20.0	<0.50	91.8	56-135			
Bromobenzene	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130			
Bromochloromethane	19.8	0.50	ug/L	20.0	<0.50	98.9	74-125			
Bromodichloromethane	21.4	0.50	ug/L	20.0	<0.50	107	68-144			
Bromoform	17.3	0.50	ug/L	20.0	<0.50	86.3	68-151			
Bromomethane	16.3	0.50	ug/L	20.0	<0.50	81.3	54-142			
2-Butanone (MEK)	16.2	20	ug/L	20.0	<20	81.2	62-145			
tert-Butyl Alcohol (TBA)	97.6	10	ug/L	100	<10	97.6	73-162			
sec-Butylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	84-145			
tert-Butylbenzene	22.1	0.50	ug/L	20.0	0.300	109	70-130			
n-Butylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130			
Carbon Disulfide	21.8	0.50	ug/L	20.0	<0.50	109	28-151			
Carbon Tetrachloride	24.2	0.50	ug/L	20.0	<0.50	121	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0	<0.50	95.4	70-130			
Chloroethane	20.2	0.50	ug/L	20.0	<0.50	101	42-164			
Chloroform	21.7	0.50	ug/L	20.0	<0.50	108	65-138			
Chloromethane	16.2	0.50	ug/L	20.0	<0.50	81.2	50-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
4-Chlorotoluene	21.8	0.50	ug/L	20.0	<0.50	109	70-130			
1,2-Dibromo-3-chloropropane	18.4	1.0	ug/L	20.0	<1.0	92.2	53-161			
Dibromochloromethane	20.0	0.50	ug/L	20.0	<0.50	100	70-130			
1,2-Dibromoethane (EDB)	18.4	0.50	ug/L	20.0	<0.50	91.9	76-130			
Dibromomethane	21.6	0.50	ug/L	20.0	<0.50	108	62-135			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Dichlorodifluoromethane (R12)	23.1	0.50	ug/L	20.0	<0.50	115	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0	<0.50	101	55-131			
1,2-Dichloroethane (EDC)	21.9	0.50	ug/L	20.0	<0.50	109	52-168			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0	<0.50	95.2	51-140			
trans-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0	<0.50	88.2	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0	<0.50	91.6	70-130			
1,2-Dichloropropane	17.4	0.50	ug/L	20.0	<0.50	86.8	52-142			
2,2-Dichloropropane	21.0	0.50	ug/L	20.0	<0.50	105	36-168			
1,3-Dichloropropane	18.1	0.50	ug/L	20.0	<0.50	90.6	80-121			
cis-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0	<0.50	93.6	66-130			
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0	<0.50	100	78-130			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0	<0.50	99.8	76-132			
Diisopropyl ether (DIPE)	18.1	2.0	ug/L	20.0	<2.0	90.6	52-138			
Ethylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	86-128			
Ethyl-tert-Butyl Ether (ETBE)	18.7	2.0	ug/L	20.0	<2.0	93.5	64-137			
Hexachlorobutadiene	22.3	1.0	ug/L	20.0	<1.0	111	70-130			
2-Hexanone (MBK)	13.3	20	ug/L	20.0	<20	66.6	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0	<0.50	100	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0	<1.0	107	83-149			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0	<1.2	99.0	56-150			
Methylene Chloride	24.0	5.0	ug/L	20.0	<5.0	120	70-130			
4-Methyl-2-pentanone (MIBK)	11.2	20	ug/L	20.0	<20	55.9	60-148			QM-07
Naphthalene	15.2	2.0	ug/L	20.0	<2.0	75.8	70-130			
n-Propylbenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130			
Styrene	18.4	0.50	ug/L	20.0	<0.50	92.2	65-141			
1,1,1,2-Tetrachloroethane	20.5	0.50	ug/L	20.0	<0.50	103	70-130			
1,1,2,2-Tetrachloroethane	18.2	0.50	ug/L	20.0	<0.50	90.8	62-134			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0	<0.50	105	70-130			
Toluene	18.7	0.50	ug/L	20.0	<0.50	93.7	81-123			
1,2,3-Trichlorobenzene	20.3	0.50	ug/L	20.0	<0.50	102	73-144			
1,2,4-Trichlorobenzene	22.4	0.50	ug/L	20.0	<0.50	112	80-137			
1,1,1-Trichloroethane	23.9	0.50	ug/L	20.0	<0.50	120	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
1,1,2-Trichloroethane	18.0	0.50	ug/L	20.0	<0.50	89.8	76-122			
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0	<0.50	99.7	72-136			
Trichlorofluoromethane (R11)	24.2	0.50	ug/L	20.0	<0.50	121	59-144			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0	<0.50	87.8	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.6	0.50	ug/L	20.0	<0.50	82.9	62-126			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0	<0.50	106	70-130			
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0	<0.50	109	89-134			
Vinyl chloride	18.7	0.50	ug/L	20.0	<0.50	93.7	54-150			
o-Xylene	19.9	0.50	ug/L	20.0	<0.50	99.4	70-130			
m,p-Xylenes	39.6	1.0	ug/L	40.0	<1.0	98.9	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.0</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Acetone	21.6	50	ug/L	20.0	<50	108	11-169	8.49	30	
tert-Amyl-Methyl Ether (TAME)	16.3	2.0	ug/L	20.0	<2.0	81.5	66-133	2.60	30	
Benzene	17.4	0.50	ug/L	20.0	<0.50	86.8	56-135	5.60	30	
Bromobenzene	19.0	0.50	ug/L	20.0	<0.50	94.8	70-130	4.38	30	
Bromochloromethane	17.9	0.50	ug/L	20.0	<0.50	89.6	74-125	9.87	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0	<0.50	104	68-144	3.14	30	
Bromoform	18.5	0.50	ug/L	20.0	<0.50	92.7	68-151	7.15	30	
Bromomethane	18.2	0.50	ug/L	20.0	<0.50	90.8	54-142	11.0	30	
2-Butanone (MEK)	18.4	20	ug/L	20.0	<20	92.2	62-145	12.6	30	
tert-Butyl Alcohol (TBA)	93.2	10	ug/L	100	<10	93.2	73-162	4.57	30	
sec-Butylbenzene	19.6	0.50	ug/L	20.0	<0.50	98.0	84-145	4.10	30	
tert-Butylbenzene	21.5	0.50	ug/L	20.0	0.300	106	70-130	2.76	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0	<0.50	102	70-130	8.87	30	
Carbon Disulfide	21.5	0.50	ug/L	20.0	<0.50	108	28-151	1.29	30	
Carbon Tetrachloride	23.0	0.50	ug/L	20.0	<0.50	115	58-164	5.08	30	
Chlorobenzene	20.1	0.50	ug/L	20.0	<0.50	101	70-130	5.35	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
Chloroethane	19.6	0.50	ug/L	20.0	<0.50	98.0	42-164	3.02	30	
Chloroform	20.4	0.50	ug/L	20.0	<0.50	102	65-138	6.18	30	
Chloromethane	17.9	0.50	ug/L	20.0	<0.50	89.6	50-152	9.83	30	
2-Chlorotoluene	19.4	0.50	ug/L	20.0	<0.50	97.0	70-130	8.92	30	
4-Chlorotoluene	18.6	0.50	ug/L	20.0	<0.50	93.1	70-130	16.0	30	
1,2-Dibromo-3-chloropropane	17.2	1.0	ug/L	20.0	<1.0	86.2	53-161	6.78	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0	<0.50	104	70-130	4.31	30	
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0	<0.50	95.9	76-130	4.26	30	
Dibromomethane	20.0	0.50	ug/L	20.0	<0.50	100	62-135	7.36	30	
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0	<0.50	99.2	70-130	3.52	30	
1,2-Dichlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	4.98	30	
1,4-Dichlorobenzene	19.6	0.50	ug/L	20.0	<0.50	98.1	70-130	5.69	30	
Dichlorodifluoromethane (R12)	23.7	0.50	ug/L	20.0	<0.50	119	17-153	2.86	30	
1,1-Dichloroethane	18.3	0.50	ug/L	20.0	<0.50	91.6	55-131	10.2	30	
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0	<0.50	99.0	52-168	9.84	30	
1,1-Dichloroethylene	21.2	0.50	ug/L	20.0	<0.50	106	51-140	10.4	30	
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0	<0.50	86.5	59-127	2.00	30	
cis-1,2-Dichloroethylene	17.1	0.50	ug/L	20.0	<0.50	85.6	70-130	6.77	30	
1,2-Dichloropropane	16.8	0.50	ug/L	20.0	<0.50	84.2	52-142	3.04	30	
2,2-Dichloropropane	19.7	0.50	ug/L	20.0	<0.50	98.4	36-168	6.20	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0	<0.50	95.9	80-121	5.68	30	
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0	<0.50	88.3	66-130	5.77	30	
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0	<0.50	107	78-130	6.95	30	
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0	<0.50	96.8	76-132	3.10	30	
Diisopropyl ether (DIPE)	17.1	2.0	ug/L	20.0	<2.0	85.3	52-138	5.97	30	
Ethylbenzene	21.6	0.50	ug/L	20.0	<0.50	108	86-128	5.34	30	
Ethyl-tert-Butyl Ether (ETBE)	17.6	2.0	ug/L	20.0	<2.0	88.0	64-137	6.12	30	
Hexachlorobutadiene	21.8	1.0	ug/L	20.0	<1.0	109	70-130	2.36	30	
2-Hexanone (MBK)	15.6	20	ug/L	20.0	<20	78.0	52-141	15.6	30	
Isopropylbenzene	19.7	0.50	ug/L	20.0	<0.50	98.6	70-130	1.81	30	
4-Isopropyltoluene	20.0	1.0	ug/L	20.0	<1.0	100	83-149	6.48	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	37.6	1.2	ug/L	40.0	<1.2	94.0	56-150	5.28	30	
Methylene Chloride	24.2	5.0	ug/L	20.0	<5.0	121	70-130	0.581	30	
4-Methyl-2-pentanone (MIBK)	11.1	20	ug/L	20.0	<20	55.7	60-148	0.358	30	QM-07
Naphthalene	14.9	2.0	ug/L	20.0	<2.0	74.6	70-130	1.66	30	
n-Propylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	3.69	30	
Styrene	19.2	0.50	ug/L	20.0	<0.50	96.2	65-141	4.35	30	
1,1,1,2-Tetrachloroethane	22.1	0.50	ug/L	20.0	<0.50	110	70-130	7.23	30	
1,1,2,2-Tetrachloroethane	18.5	0.50	ug/L	20.0	<0.50	92.6	62-134	1.91	30	
Tetrachloroethylene (PCE)	21.8	0.50	ug/L	20.0	<0.50	109	70-130	3.89	30	
Toluene	19.9	0.50	ug/L	20.0	<0.50	99.6	81-123	6.15	30	
1,2,3-Trichlorobenzene	18.6	0.50	ug/L	20.0	<0.50	93.0	73-144	8.78	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0	<0.50	102	80-137	9.31	30	
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0	<0.50	111	62-164	7.24	30	
1,1,2-Trichloroethane	18.7	0.50	ug/L	20.0	<0.50	93.6	76-122	4.14	30	
Trichloroethylene (TCE)	18.0	0.50	ug/L	20.0	<0.50	90.2	72-136	10.1	30	
Trichlorofluoromethane (R11)	23.2	0.50	ug/L	20.0	<0.50	116	59-144	4.22	30	
1,2,3-Trichloropropane	18.3	0.50	ug/L	20.0	<0.50	91.4	69-135	3.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	14.8	0.50	ug/L	20.0	<0.50	74.1	62-126	11.2	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.2	70-130	7.00	30	
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.0	89-134	9.98	30	
Vinyl chloride	18.6	0.50	ug/L	20.0	<0.50	93.0	54-150	0.750	30	
o-Xylene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	3.36	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0	<1.0	105	70-130	5.79	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K1333 - EPA 3510C

Blank (B3K1333-BLK1)

Prepared: 11/13/23 Analyzed: 11/15/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K1333 - EPA 3510C</i>										
Blank (B3K1333-BLK1) Continued Prepared: 11/13/23 Analyzed: 11/15/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	0.0583		mg/L	0.0400		146	50-150			
LCS (B3K1333-BS1) Prepared: 11/13/23 Analyzed: 11/15/23										
Diesel Range Organics as Diesel	0.676	0.10	mg/L	0.800		84.5	36-132			
<i>Surrogate: o-Terphenyl</i>	0.0560		mg/L	0.0400		140	50-150			
LCS Dup (B3K1333-BSD1) Prepared: 11/13/23 Analyzed: 11/15/23										
Diesel Range Organics as Diesel	0.632	0.10	mg/L	0.800		78.9	36-132	6.76	30	
<i>Surrogate: o-Terphenyl</i>	0.0540		mg/L	0.0400		135	50-150			
<i>Batch B3K1430 - EPA 3510C</i>										
Blank (B3K1430-BLK1) Prepared: 11/14/23 Analyzed: 11/16/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	0.0484		mg/L	0.0400		121	50-150			
LCS (B3K1430-BS1) Prepared: 11/14/23 Analyzed: 11/16/23										
Diesel Range Organics as Diesel	0.216	0.10	mg/L	0.800		27.1	36-132			QL-02
<i>Surrogate: o-Terphenyl</i>	0.0324		mg/L	0.0400		81.0	50-150			
LCS Dup (B3K1430-BSD1) Prepared: 11/14/23 Analyzed: 11/16/23										
Diesel Range Organics as Diesel	0.338	0.10	mg/L	0.800		42.2	36-132	43.7	30	
<i>Surrogate: o-Terphenyl</i>	0.0409		mg/L	0.0400		102	50-150			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1420 - *** DEFAULT PREP ***</i>										
Blank (B3K1420-BLK1) Prepared & Analyzed: 11/14/23										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	43.1		ug/L	50.0		86.1	80-120			
LCS (B3K1420-BS1) Prepared & Analyzed: 11/14/23										
Gasoline Range Organics (GRO)	358	100	ug/L	450		79.6	75-125			30
<i>Surrogate: a,a,a-Trifluorotoluene</i>	48.5		ug/L	50.0		97.0	80-120			
LCS Dup (B3K1420-BSD1) Prepared & Analyzed: 11/14/23										

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1420 - *** DEFAULT PREP ***</i>										
LCS Dup (B3K1420-BSD1) Continued				Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	481	100	ug/L	450		107	75-125	29.2	30	
Surrogate: a,a,a-Trifluorotoluene	53.3		ug/L	50.0		107	80-120			
Matrix Spike (B3K1420-MS1)				Source: 3K10008-04 Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	368	100	ug/L	500	<100	73.5	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	44.3		ug/L	50.0		88.6	80-120			
Matrix Spike Dup (B3K1420-MSD1)				Source: 3K10008-04 Prepared & Analyzed: 11/14/23						
Gasoline Range Organics (GRO)	375	100	ug/L	500	<100	75.1	70-130	2.09	30	
Surrogate: a,a,a-Trifluorotoluene	51.8		ug/L	50.0		104	80-120			
<i>Batch B3K1515 - *** DEFAULT PREP ***</i>										
Blank (B3K1515-BLK1)				Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	46.3		ug/L	50.0		92.6	80-120			
LCS (B3K1515-BS1)				Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	384	100	ug/L	500		76.8	75-125		30	
Surrogate: a,a,a-Trifluorotoluene	50.5		ug/L	50.0		101	80-120			
LCS Dup (B3K1515-BSD1)				Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	480	100	ug/L	500		95.9	75-125	22.2	30	
Surrogate: a,a,a-Trifluorotoluene	52.0		ug/L	50.0		104	80-120			
Matrix Spike (B3K1515-MS1)				Source: 3K10008-11 Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	482	100	ug/L	500	<100	96.4	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	56.9		ug/L	50.0		114	80-120			
Matrix Spike Dup (B3K1515-MSD1)				Source: 3K10008-11 Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	412	100	ug/L	500	<100	82.3	70-130	15.7	30	
Surrogate: a,a,a-Trifluorotoluene	53.0		ug/L	50.0		106	80-120			

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335336
Date Received: 11/10/23
Date Reported: 12/11/23

Special Notes

- [1] = **QL-02** : The recovery for this analyte is outside of the acceptance control limits for the LCS. The data was validated based on the acceptable recovery for this analyte in the LCSD.
- [2] = **QL-03** : The recovery for this analyte is outside of the acceptance control limits for the LCSD. The data was validated based on the acceptable recovery for this analyte in the LCS.
- [3] = **QM-07** : The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS or LCSD recovery.

A handwritten signature in black ink, appearing to read 'Viorel Vasile'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335337 / 3K10009**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/10/23 17:17 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', is written over a light blue horizontal line.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K10009-01	Water	5	11/10/23 06:00	11/10/23 17:17
QCEB-1	3K10009-02	Water	5	11/10/23 07:15	11/10/23 17:17

8260B+OXYGENATES

GMW-42	3K10009-03	Water	5	11/10/23 07:50	11/10/23 17:17
GMW-41	3K10009-04	Water	5	11/10/23 08:25	11/10/23 17:17
TF-8	3K10009-05	Water	5	11/10/23 09:05	11/10/23 17:17
DUP-5	3K10009-06	Water	5	11/10/23 00:00	11/10/23 17:17
GW-6	3K10009-07	Water	5	11/10/23 09:45	11/10/23 17:17
GW-8	3K10009-08	Water	5	11/10/23 10:20	11/10/23 17:17

Diesel Range Organics 8015M

QCEB-1	3K10009-02	Water	5	11/10/23 07:15	11/10/23 17:17
GMW-42	3K10009-03	Water	5	11/10/23 07:50	11/10/23 17:17
GMW-41	3K10009-04	Water	5	11/10/23 08:25	11/10/23 17:17
TF-8	3K10009-05	Water	5	11/10/23 09:05	11/10/23 17:17
DUP-5	3K10009-06	Water	5	11/10/23 00:00	11/10/23 17:17
GW-6	3K10009-07	Water	5	11/10/23 09:45	11/10/23 17:17
GW-8	3K10009-08	Water	5	11/10/23 10:20	11/10/23 17:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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Gasoline Range Organics 8015M

GMW-42	3K10009-03	Water	5	11/10/23 07:50	11/10/23 17:17
GMW-41	3K10009-04	Water	5	11/10/23 08:25	11/10/23 17:17
TF-8	3K10009-05	Water	5	11/10/23 09:05	11/10/23 17:17
DUP-5	3K10009-06	Water	5	11/10/23 00:00	11/10/23 17:17
GW-6	3K10009-07	Water	5	11/10/23 09:45	11/10/23 17:17
GW-8	3K10009-08	Water	5	11/10/23 10:20	11/10/23 17:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10009-01	3K10009-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10009-01	3K10009-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10009-01	3K10009-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	108%	105%	80-129
Dibromofluoromethane	120%	118%	68-137
Toluene-d8	110%	110%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	11/21/23	11/21/23	
AA ID No:	3K10009-03	3K10009-04	3K10009-05	3K10009-06	
Client ID No:	GMW-42	GMW-41	TF-8	DUP-5	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	11/10/23	11/10/23
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23
Date Analyzed:	11/21/23	11/21/23	11/21/23	11/21/23
AA ID No:	3K10009-03	3K10009-04	3K10009-05	3K10009-06
Client ID No:	GMW-42	GMW-41	TF-8	DUP-5
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	11/10/23	11/10/23
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23
Date Analyzed:	11/21/23	11/21/23	11/21/23	11/21/23
AA ID No:	3K10009-03	3K10009-04	3K10009-05	3K10009-06
Client ID No:	GMW-42	GMW-41	TF-8	DUP-5
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1
				MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates					%REC Limits
4-Bromofluorobenzene	114%	113%	108%	110%	80-129
Dibromofluoromethane	111%	116%	111%	110%	68-137
Toluene-d8	110%	108%	111%	111%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10009-07	3K10009-08	
Client ID No:	GW-6	GW-8	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10009-07	3K10009-08	
Client ID No:	GW-6	GW-8	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/20/23	11/20/23	
Date Analyzed:	11/21/23	11/21/23	
AA ID No:	3K10009-07	3K10009-08	
Client ID No:	GW-6	GW-8	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

<u>Surrogates</u>			<u>%REC Limits</u>
4-Bromofluorobenzene	118%	109%	80-129
Dibromofluoromethane	148%	114%	68-137
Toluene-d8	110%	110%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335337
Project No:	091-NOR-001	Date Received:	11/10/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Diesel Range Organics by GC/FID	Units:	mg/L

Date Sampled:	11/10/23	11/10/23	11/10/23	11/10/23	
Date Prepared:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Analyzed:	11/16/23	11/16/23	11/16/23	11/16/23	
AA ID No:	3K10009-02	3K10009-03	3K10009-04	3K10009-05	
Client ID No:	QCEB-1	GMW-42	GMW-41	TF-8	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	0.11	0.14	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	122%	142%	137%	120%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/10/23	11/10/23	11/10/23	
Date Prepared:	11/14/23	11/14/23	11/14/23	
Date Analyzed:	11/16/23	11/16/23	11/16/23	
AA ID No:	3K10009-06	3K10009-07	3K10009-08	
Client ID No:	DUP-5	GW-6	GW-8	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.12	0.11	0.50	0.10
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<u>Surrogates</u>				<u>%REC Limits</u>
o-Terphenyl	135%	134%	143%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335337
Project No:	091-NOR-001	Date Received:	11/10/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/10/23	11/10/23	11/10/23	11/10/23	
Date Prepared:	11/15/23	11/15/23	11/15/23	11/15/23	
Date Analyzed:	11/15/23	11/15/23	11/15/23	11/15/23	
AA ID No:	3K10009-03	3K10009-04	3K10009-05	3K10009-06	
Client ID No:	GMW-42	GMW-41	TF-8	DUP-5	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

					<u>%REC Limits</u>
a,a,a-Trifluorotoluene	95%	89%	92%	96%	80-120

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/10/23	11/10/23	
Date Prepared:	11/15/23	11/20/23	
Date Analyzed:	11/15/23	11/20/23	
AA ID No:	3K10009-07	3K10009-08	
Client ID No:	GW-6	GW-8	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	88%	98%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2014 - EPA 5030B

Blank (B3K2014-BLK1)

Prepared & Analyzed: 11/20/23

Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>52.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>83-134</i>			
LCS (B3K2014-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.2	50	ug/L	20.0		116	27-123			
tert-Amyl-Methyl Ether (TAME)	19.9	2.0	ug/L	20.0		99.6	58-133			
Benzene	18.9	0.50	ug/L	20.0		94.4	60-134			
Bromobenzene	20.3	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	22.3	0.50	ug/L	20.0		112	78-121			
Bromodichloromethane	21.5	0.50	ug/L	20.0		107	74-135			
Bromoform	19.7	0.50	ug/L	20.0		98.6	68-132			
Bromomethane	17.6	0.50	ug/L	20.0		87.9	58-142			
2-Butanone (MEK)	22.7	20	ug/L	20.0		113	62-138			
tert-Butyl Alcohol (TBA)	121	10	ug/L	100		121	65-148			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	24.9	0.50	ug/L	20.0		125	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	18.8	0.50	ug/L	20.0		94.0	70-130			
Chloroethane	22.3	0.50	ug/L	20.0		111	45-166			
Chloroform	21.5	0.50	ug/L	20.0		107	71-131			
Chloromethane	20.3	0.50	ug/L	20.0		102	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
2-Chlorotoluene	19.1	0.50	ug/L	20.0		95.5	70-130			
4-Chlorotoluene	18.4	0.50	ug/L	20.0		91.8	70-130			
1,2-Dibromo-3-chloropropane	22.8	1.0	ug/L	20.0		114	53-145			
Dibromochloromethane	22.1	0.50	ug/L	20.0		110	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Dichlorodifluoromethane (R12)	27.1	0.50	ug/L	20.0		135	16-148			
1,1-Dichloroethane	20.9	0.50	ug/L	20.0		104	67-120			
1,2-Dichloroethane (EDC)	23.3	0.50	ug/L	20.0		117	57-156			
1,1-Dichloroethylene	23.6	0.50	ug/L	20.0		118	50-149			
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.6	53-139			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		107	44-162			
1,3-Dichloropropane	19.9	0.50	ug/L	20.0		99.6	79-113			
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	67-127			
trans-1,3-Dichloropropylene	22.1	0.50	ug/L	20.0		111	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	84-124			
Diisopropyl ether (DIPE)	20.1	2.0	ug/L	20.0		101	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.2	86-124			
Ethyl-tert-Butyl Ether (ETBE)	20.7	2.0	ug/L	20.0		104	62-136			
Gasoline Range Organics (GRO)	546	100	ug/L	500		109	60-123			
Hexachlorobutadiene	21.9	1.0	ug/L	20.0		110	76-140			
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123			
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.7	1.2	ug/L	40.0		119	58-144			
Methylene Chloride	24.8	5.0	ug/L	20.0		124	50-135			
4-Methyl-2-pentanone (MIBK)	18.2	20	ug/L	20.0		91.0	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Naphthalene	16.9	2.0	ug/L	20.0		84.6	74-128			
n-Propylbenzene	20.3	0.50	ug/L	20.0		101	70-130			
Styrene	17.3	0.50	ug/L	20.0		86.4	84-123			
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		98.9	58-126			
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		98.0	70-130			
Toluene	18.4	0.50	ug/L	20.0		91.8	83-118			
1,2,3-Trichlorobenzene	20.5	0.50	ug/L	20.0		102	77-134			
1,2,4-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	84-128			
1,1,1-Trichloroethane	22.3	0.50	ug/L	20.0		112	66-158			
1,1,2-Trichloroethane	20.7	0.50	ug/L	20.0		104	75-115			
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0		95.3	82-128			
Trichlorofluoromethane (R11)	22.5	0.50	ug/L	20.0		113	65-137			
1,2,3-Trichloropropane	19.8	0.50	ug/L	20.0		99.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.9	0.50	ug/L	20.0		79.4	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	24.3	0.50	ug/L	20.0		122	51-151			
o-Xylene	17.9	0.50	ug/L	20.0		89.6	70-130			
m,p-Xylenes	36.3	1.0	ug/L	40.0		90.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.6		ug/L	50.0		99.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.7		ug/L	50.0		103	68-137			
<i>Surrogate: Toluene-d8</i>	46.5		ug/L	50.0		93.0	83-134			
LCS Dup (B3K2014-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.7	50	ug/L	20.0		118	27-123	2.31	30	
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0		114	58-133	13.3	30	
Benzene	22.0	0.50	ug/L	20.0		110	60-134	15.2	30	
Bromobenzene	21.8	0.50	ug/L	20.0		109	70-130	6.84	30	
Bromochloromethane	22.5	0.50	ug/L	20.0		112	78-121	0.759	30	
Bromodichloromethane	24.2	0.50	ug/L	20.0		121	74-135	11.9	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Bromoform	20.5	0.50	ug/L	20.0		102	68-132	3.78	30	
Bromomethane	23.3	0.50	ug/L	20.0		116	58-142	27.9	30	
2-Butanone (MEK)	25.2	20	ug/L	20.0		126	62-138	10.6	30	
tert-Butyl Alcohol (TBA)	160	10	ug/L	100		160	65-148	27.6	30	QL-03
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142	0.828	30	
tert-Butylbenzene	21.8	0.50	ug/L	20.0		109	70-130	1.15	30	
n-Butylbenzene	21.9	0.50	ug/L	20.0		110	70-130	3.20	30	
Carbon Disulfide	24.8	0.50	ug/L	20.0		124	17-177	0.644	30	
Carbon Tetrachloride	25.2	0.50	ug/L	20.0		126	66-155	11.4	30	
Chlorobenzene	18.8	0.50	ug/L	20.0		94.1	70-130	0.0532	30	
Chloroethane	26.9	0.50	ug/L	20.0		134	45-166	18.8	30	
Chloroform	25.6	0.50	ug/L	20.0		128	71-131	17.5	30	
Chloromethane	24.1	0.50	ug/L	20.0		121	48-152	17.1	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130	6.29	30	
4-Chlorotoluene	20.0	0.50	ug/L	20.0		100	70-130	8.65	30	
1,2-Dibromo-3-chloropropane	26.3	1.0	ug/L	20.0		132	53-145	14.1	30	
Dibromochloromethane	23.0	0.50	ug/L	20.0		115	72-133	4.17	30	
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120	2.04	30	
Dibromomethane	25.2	0.50	ug/L	20.0		126	68-124	3.35	30	QL-03
1,3-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130	7.69	30	
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130	6.09	30	
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	5.29	30	
Dichlorodifluoromethane (R12)	36.5	0.50	ug/L	20.0		183	16-148	29.7	30	QL-03
1,1-Dichloroethane	23.8	0.50	ug/L	20.0		119	67-120	13.1	30	
1,2-Dichloroethane (EDC)	25.7	0.50	ug/L	20.0		128	57-156	9.51	30	
1,1-Dichloroethylene	23.2	0.50	ug/L	20.0		116	50-149	1.76	30	
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126	0.245	30	
cis-1,2-Dichloroethylene	21.3	0.50	ug/L	20.0		107	70-124	4.12	30	
1,2-Dichloropropane	22.2	0.50	ug/L	20.0		111	53-139	18.0	30	
2,2-Dichloropropane	21.9	0.50	ug/L	20.0		109	44-162	1.80	30	
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		108	79-113	7.77	30	
cis-1,3-Dichloropropylene	23.2	0.50	ug/L	20.0		116	67-127	12.0	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,3-Dichloropropylene	22.2	0.50	ug/L	20.0		111	76-121	0.586	30	
1,1-Dichloropropylene	22.4	0.50	ug/L	20.0		112	84-124	11.7	30	
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0		111	51-136	9.51	30	
Ethylbenzene	19.5	0.50	ug/L	20.0		97.7	86-124	3.70	30	
Ethyl-tert-Butyl Ether (ETBE)	24.0	2.0	ug/L	20.0		120	62-136	14.8	30	
Gasoline Range Organics (GRO)	512	100	ug/L	500		102	60-123	6.44	30	
Hexachlorobutadiene	22.9	1.0	ug/L	20.0		114	76-140	4.29	30	
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123	0.00	30	
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130	0.147	30	
4-Isopropyltoluene	21.1	1.0	ug/L	20.0		106	70-130	0.285	30	
Methyl-tert-Butyl Ether (MTBE)	49.2	1.2	ug/L	40.0		123	58-144	3.12	30	
Methylene Chloride	34.2	5.0	ug/L	20.0		171	50-135	32.1	30	QL-03
4-Methyl-2-pentanone (MIBK)	19.4	20	ug/L	20.0		96.8	49-139	6.23	30	
Naphthalene	19.6	2.0	ug/L	20.0		98.2	74-128	14.8	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130	4.53	30	
Styrene	18.0	0.50	ug/L	20.0		89.8	84-123	3.92	30	
1,1,1,2-Tetrachloroethane	20.7	0.50	ug/L	20.0		104	70-130	3.49	30	
1,1,2,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		108	58-126	9.17	30	
Tetrachloroethylene (PCE)	19.3	0.50	ug/L	20.0		96.6	70-130	1.49	30	
Toluene	18.2	0.50	ug/L	20.0		91.2	83-118	0.710	30	
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0		113	77-134	10.1	30	
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0		116	84-128	4.82	30	
1,1,1-Trichloroethane	25.2	0.50	ug/L	20.0		126	66-158	12.1	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	4.20	30	
Trichloroethylene (TCE)	23.5	0.50	ug/L	20.0		117	82-128	20.8	30	
Trichlorofluoromethane (R11)	33.3	0.50	ug/L	20.0		167	65-137	38.7	30	QL-03
1,2,3-Trichloropropane	22.5	0.50	ug/L	20.0		112	68-123	12.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.7	0.50	ug/L	20.0		93.7	62-130	16.5	30	
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.947	30	
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	70-130	2.91	30	
Vinyl chloride	27.9	0.50	ug/L	20.0		140	51-151	13.7	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
o-Xylene	18.5	0.50	ug/L	20.0		92.6	70-130	3.35	30	
m,p-Xylenes	36.9	1.0	ug/L	40.0		92.2	70-130	1.72	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>58.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>118</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.7</i>	<i>83-134</i>			
Matrix Spike (B3K2014-MS1)										
Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Acetone	19.8	50	ug/L	20.0		99.2	11-169			
tert-Amyl-Methyl Ether (TAME)	16.7	2.0	ug/L	20.0		83.6	66-133			
Benzene	18.4	0.50	ug/L	20.0		91.8	56-135			
Bromobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
Bromochloromethane	19.8	0.50	ug/L	20.0		98.9	74-125			
Bromodichloromethane	21.4	0.50	ug/L	20.0		107	68-144			
Bromoform	17.3	0.50	ug/L	20.0		86.3	68-151			
Bromomethane	16.3	0.50	ug/L	20.0		81.3	54-142			
2-Butanone (MEK)	16.2	20	ug/L	20.0		81.2	62-145			
tert-Butyl Alcohol (TBA)	97.6	10	ug/L	100		97.6	73-162			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-145			
tert-Butylbenzene	22.1	0.50	ug/L	20.0	0.300	109	70-130			
n-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	28-151			
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0		95.4	70-130			
Chloroethane	20.2	0.50	ug/L	20.0		101	42-164			
Chloroform	21.7	0.50	ug/L	20.0		108	65-138			
Chloromethane	16.2	0.50	ug/L	20.0		81.2	50-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130			
1,2-Dibromo-3-chloropropane	18.4	1.0	ug/L	20.0		92.2	53-161			
Dibromochloromethane	20.0	0.50	ug/L	20.0		100	70-130			
1,2-Dibromoethane (EDB)	18.4	0.50	ug/L	20.0		91.9	76-130			
Dibromomethane	21.6	0.50	ug/L	20.0		108	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	23.1	0.50	ug/L	20.0		115	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0		101	55-131			
1,2-Dichloroethane (EDC)	21.9	0.50	ug/L	20.0		109	52-168			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	51-140			
trans-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0		88.2	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.6	70-130			
1,2-Dichloropropane	17.4	0.50	ug/L	20.0		86.8	52-142			
2,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	36-168			
1,3-Dichloropropane	18.1	0.50	ug/L	20.0		90.6	80-121			
cis-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	66-130			
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	78-130			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	76-132			
Diisopropyl ether (DIPE)	18.1	2.0	ug/L	20.0		90.6	52-138			
Ethylbenzene	20.4	0.50	ug/L	20.0		102	86-128			
Ethyl-tert-Butyl Ether (ETBE)	18.7	2.0	ug/L	20.0		93.5	64-137			
Hexachlorobutadiene	22.3	1.0	ug/L	20.0		111	70-130			
2-Hexanone (MBK)	13.3	20	ug/L	20.0		66.6	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	83-149			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		99.0	56-150			
Methylene Chloride	24.0	5.0	ug/L	20.0		120	70-130			
4-Methyl-2-pentanone (MIBK)	11.2	20	ug/L	20.0		55.9	60-148			QM-07
Naphthalene	15.2	2.0	ug/L	20.0		75.8	70-130			
n-Propylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
Styrene	18.4	0.50	ug/L	20.0		92.2	65-141			
1,1,1,2-Tetrachloroethane	20.5	0.50	ug/L	20.0		103	70-130			
1,1,2,2-Tetrachloroethane	18.2	0.50	ug/L	20.0		90.8	62-134			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130			
Toluene	18.7	0.50	ug/L	20.0		93.7	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
1,2,3-Trichlorobenzene	20.3	0.50	ug/L	20.0		102	73-144			
1,2,4-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	80-137			
1,1,1-Trichloroethane	23.9	0.50	ug/L	20.0		120	62-164			
1,1,2-Trichloroethane	18.0	0.50	ug/L	20.0		89.8	76-122			
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.7	72-136			
Trichlorofluoromethane (R11)	24.2	0.50	ug/L	20.0		121	59-144			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.6	0.50	ug/L	20.0		82.9	62-126			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		109	89-134			
Vinyl chloride	18.7	0.50	ug/L	20.0		93.7	54-150			
o-Xylene	19.9	0.50	ug/L	20.0		99.4	70-130			
m,p-Xylenes	39.6	1.0	ug/L	40.0		98.9	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.0</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Acetone	21.6	50	ug/L	20.0		108	11-169	8.49	30	
tert-Amyl-Methyl Ether (TAME)	16.3	2.0	ug/L	20.0		81.5	66-133	2.60	30	
Benzene	17.4	0.50	ug/L	20.0		86.8	56-135	5.60	30	
Bromobenzene	19.0	0.50	ug/L	20.0		94.8	70-130	4.38	30	
Bromochloromethane	17.9	0.50	ug/L	20.0		89.6	74-125	9.87	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		104	68-144	3.14	30	
Bromoform	18.5	0.50	ug/L	20.0		92.7	68-151	7.15	30	
Bromomethane	18.2	0.50	ug/L	20.0		90.8	54-142	11.0	30	
2-Butanone (MEK)	18.4	20	ug/L	20.0		92.2	62-145	12.6	30	
tert-Butyl Alcohol (TBA)	93.2	10	ug/L	100		93.2	73-162	4.57	30	
sec-Butylbenzene	19.6	0.50	ug/L	20.0		98.0	84-145	4.10	30	
tert-Butylbenzene	21.5	0.50	ug/L	20.0	0.300	106	70-130	2.76	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130	8.87	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
Carbon Disulfide	21.5	0.50	ug/L	20.0		108	28-151	1.29	30	
Carbon Tetrachloride	23.0	0.50	ug/L	20.0		115	58-164	5.08	30	
Chlorobenzene	20.1	0.50	ug/L	20.0		101	70-130	5.35	30	
Chloroethane	19.6	0.50	ug/L	20.0		98.0	42-164	3.02	30	
Chloroform	20.4	0.50	ug/L	20.0		102	65-138	6.18	30	
Chloromethane	17.9	0.50	ug/L	20.0		89.6	50-152	9.83	30	
2-Chlorotoluene	19.4	0.50	ug/L	20.0		97.0	70-130	8.92	30	
4-Chlorotoluene	18.6	0.50	ug/L	20.0		93.1	70-130	16.0	30	
1,2-Dibromo-3-chloropropane	17.2	1.0	ug/L	20.0		86.2	53-161	6.78	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0		104	70-130	4.31	30	
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0		95.9	76-130	4.26	30	
Dibromomethane	20.0	0.50	ug/L	20.0		100	62-135	7.36	30	
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	3.52	30	
1,2-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	4.98	30	
1,4-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.1	70-130	5.69	30	
Dichlorodifluoromethane (R12)	23.7	0.50	ug/L	20.0		119	17-153	2.86	30	
1,1-Dichloroethane	18.3	0.50	ug/L	20.0		91.6	55-131	10.2	30	
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		99.0	52-168	9.84	30	
1,1-Dichloroethylene	21.2	0.50	ug/L	20.0		106	51-140	10.4	30	
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.5	59-127	2.00	30	
cis-1,2-Dichloroethylene	17.1	0.50	ug/L	20.0		85.6	70-130	6.77	30	
1,2-Dichloropropane	16.8	0.50	ug/L	20.0		84.2	52-142	3.04	30	
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	36-168	6.20	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.9	80-121	5.68	30	
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.3	66-130	5.77	30	
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130	6.95	30	
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	76-132	3.10	30	
Diisopropyl ether (DIPE)	17.1	2.0	ug/L	20.0		85.3	52-138	5.97	30	
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-128	5.34	30	
Ethyl-tert-Butyl Ether (ETBE)	17.6	2.0	ug/L	20.0		88.0	64-137	6.12	30	
Hexachlorobutadiene	21.8	1.0	ug/L	20.0		109	70-130	2.36	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
2-Hexanone (MBK)	15.6	20	ug/L	20.0		78.0	52-141	15.6	30	
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.6	70-130	1.81	30	
4-Isopropyltoluene	20.0	1.0	ug/L	20.0		100	83-149	6.48	30	
Methyl-tert-Butyl Ether (MTBE)	37.6	1.2	ug/L	40.0		94.0	56-150	5.28	30	
Methylene Chloride	24.2	5.0	ug/L	20.0		121	70-130	0.581	30	
4-Methyl-2-pentanone (MIBK)	11.1	20	ug/L	20.0		55.7	60-148	0.358	30	QM-07
Naphthalene	14.9	2.0	ug/L	20.0		74.6	70-130	1.66	30	
n-Propylbenzene	20.2	0.50	ug/L	20.0		101	70-130	3.69	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	65-141	4.35	30	
1,1,1,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		110	70-130	7.23	30	
1,1,2,2-Tetrachloroethane	18.5	0.50	ug/L	20.0		92.6	62-134	1.91	30	
Tetrachloroethylene (PCE)	21.8	0.50	ug/L	20.0		109	70-130	3.89	30	
Toluene	19.9	0.50	ug/L	20.0		99.6	81-123	6.15	30	
1,2,3-Trichlorobenzene	18.6	0.50	ug/L	20.0		93.0	73-144	8.78	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	80-137	9.31	30	
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	62-164	7.24	30	
1,1,2-Trichloroethane	18.7	0.50	ug/L	20.0		93.6	76-122	4.14	30	
Trichloroethylene (TCE)	18.0	0.50	ug/L	20.0		90.2	72-136	10.1	30	
Trichlorofluoromethane (R11)	23.2	0.50	ug/L	20.0		116	59-144	4.22	30	
1,2,3-Trichloropropane	18.3	0.50	ug/L	20.0		91.4	69-135	3.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	14.8	0.50	ug/L	20.0		74.1	62-126	11.2	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130	7.00	30	
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.0	89-134	9.98	30	
Vinyl chloride	18.6	0.50	ug/L	20.0		93.0	54-150	0.750	30	
o-Xylene	20.6	0.50	ug/L	20.0		103	70-130	3.36	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130	5.79	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1)										
Prepared & Analyzed: 11/20/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Blank (B3K2014-BLK1) Continued										
Prepared & Analyzed: 11/20/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>52.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>83-134</i>			
LCS (B3K2014-BS1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.2	50	ug/L	20.0		116	27-123			
tert-Amyl-Methyl Ether (TAME)	19.9	2.0	ug/L	20.0		99.6	58-133			
Benzene	18.9	0.50	ug/L	20.0		94.4	60-134			
Bromobenzene	20.3	0.50	ug/L	20.0		102	70-130			
Bromochloromethane	22.3	0.50	ug/L	20.0		112	78-121			
Bromodichloromethane	21.5	0.50	ug/L	20.0		107	74-135			
Bromoform	19.7	0.50	ug/L	20.0		98.6	68-132			
Bromomethane	17.6	0.50	ug/L	20.0		87.9	58-142			
2-Butanone (MEK)	22.7	20	ug/L	20.0		113	62-138			
tert-Butyl Alcohol (TBA)	121	10	ug/L	100		121	65-148			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142			
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130			
n-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	24.9	0.50	ug/L	20.0		125	17-177			
Carbon Tetrachloride	22.4	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	18.8	0.50	ug/L	20.0		94.0	70-130			
Chloroethane	22.3	0.50	ug/L	20.0		111	45-166			
Chloroform	21.5	0.50	ug/L	20.0		107	71-131			
Chloromethane	20.3	0.50	ug/L	20.0		102	48-152			
2-Chlorotoluene	19.1	0.50	ug/L	20.0		95.5	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
4-Chlorotoluene	18.4	0.50	ug/L	20.0		91.8	70-130			
1,2-Dibromo-3-chloropropane	22.8	1.0	ug/L	20.0		114	53-145			
Dibromochloromethane	22.1	0.50	ug/L	20.0		110	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Dichlorodifluoromethane (R12)	27.1	0.50	ug/L	20.0		135	16-148			
1,1-Dichloroethane	20.9	0.50	ug/L	20.0		104	67-120			
1,2-Dichloroethane (EDC)	23.3	0.50	ug/L	20.0		117	57-156			
1,1-Dichloroethylene	23.6	0.50	ug/L	20.0		118	50-149			
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.6	53-139			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		107	44-162			
1,3-Dichloropropane	19.9	0.50	ug/L	20.0		99.6	79-113			
cis-1,3-Dichloropropylene	20.5	0.50	ug/L	20.0		103	67-127			
trans-1,3-Dichloropropylene	22.1	0.50	ug/L	20.0		111	76-121			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	84-124			
Diisopropyl ether (DIPE)	20.1	2.0	ug/L	20.0		101	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.2	86-124			
Ethyl-tert-Butyl Ether (ETBE)	20.7	2.0	ug/L	20.0		104	62-136			
Hexachlorobutadiene	21.9	1.0	ug/L	20.0		110	76-140			
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123			
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.7	1.2	ug/L	40.0		119	58-144			
Methylene Chloride	24.8	5.0	ug/L	20.0		124	50-135			
4-Methyl-2-pentanone (MIBK)	18.2	20	ug/L	20.0		91.0	49-139			
Naphthalene	16.9	2.0	ug/L	20.0		84.6	74-128			
n-Propylbenzene	20.3	0.50	ug/L	20.0		101	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS (B3K2014-BS1) Continued										
Prepared & Analyzed: 11/20/23										
Styrene	17.3	0.50	ug/L	20.0		86.4	84-123			
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130			
1,1,2,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		98.9	58-126			
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		98.0	70-130			
Toluene	18.4	0.50	ug/L	20.0		91.8	83-118			
1,2,3-Trichlorobenzene	20.5	0.50	ug/L	20.0		102	77-134			
1,2,4-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	84-128			
1,1,1-Trichloroethane	22.3	0.50	ug/L	20.0		112	66-158			
1,1,2-Trichloroethane	20.7	0.50	ug/L	20.0		104	75-115			
Trichloroethylene (TCE)	19.1	0.50	ug/L	20.0		95.3	82-128			
Trichlorofluoromethane (R11)	22.5	0.50	ug/L	20.0		113	65-137			
1,2,3-Trichloropropane	19.8	0.50	ug/L	20.0		99.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	15.9	0.50	ug/L	20.0		79.4	62-130			
1,3,5-Trimethylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	24.3	0.50	ug/L	20.0		122	51-151			
o-Xylene	17.9	0.50	ug/L	20.0		89.6	70-130			
m,p-Xylenes	36.3	1.0	ug/L	40.0		90.6	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.6		ug/L	50.0		99.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.7		ug/L	50.0		103	68-137			
<i>Surrogate: Toluene-d8</i>	46.5		ug/L	50.0		93.0	83-134			
LCS Dup (B3K2014-BSD1)										
Prepared & Analyzed: 11/20/23										
Acetone	23.7	50	ug/L	20.0		118	27-123	2.31	30	
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0		114	58-133	13.3	30	
Benzene	22.0	0.50	ug/L	20.0		110	60-134	15.2	30	
Bromobenzene	21.8	0.50	ug/L	20.0		109	70-130	6.84	30	
Bromochloromethane	22.5	0.50	ug/L	20.0		112	78-121	0.759	30	
Bromodichloromethane	24.2	0.50	ug/L	20.0		121	74-135	11.9	30	
Bromoform	20.5	0.50	ug/L	20.0		102	68-132	3.78	30	
Bromomethane	23.3	0.50	ug/L	20.0		116	58-142	27.9	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
2-Butanone (MEK)	25.2	20	ug/L	20.0		126	62-138	10.6	30	
tert-Butyl Alcohol (TBA)	160	10	ug/L	100		160	65-148	27.6	30	QL-03
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142	0.828	30	
tert-Butylbenzene	21.8	0.50	ug/L	20.0		109	70-130	1.15	30	
n-Butylbenzene	21.9	0.50	ug/L	20.0		110	70-130	3.20	30	
Carbon Disulfide	24.8	0.50	ug/L	20.0		124	17-177	0.644	30	
Carbon Tetrachloride	25.2	0.50	ug/L	20.0		126	66-155	11.4	30	
Chlorobenzene	18.8	0.50	ug/L	20.0		94.1	70-130	0.0532	30	
Chloroethane	26.9	0.50	ug/L	20.0		134	45-166	18.8	30	
Chloroform	25.6	0.50	ug/L	20.0		128	71-131	17.5	30	
Chloromethane	24.1	0.50	ug/L	20.0		121	48-152	17.1	30	
2-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130	6.29	30	
4-Chlorotoluene	20.0	0.50	ug/L	20.0		100	70-130	8.65	30	
1,2-Dibromo-3-chloropropane	26.3	1.0	ug/L	20.0		132	53-145	14.1	30	
Dibromochloromethane	23.0	0.50	ug/L	20.0		115	72-133	4.17	30	
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120	2.04	30	
Dibromomethane	25.2	0.50	ug/L	20.0		126	68-124	3.35	30	QL-03
1,3-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130	7.69	30	
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130	6.09	30	
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	5.29	30	
Dichlorodifluoromethane (R12)	36.5	0.50	ug/L	20.0		183	16-148	29.7	30	QL-03
1,1-Dichloroethane	23.8	0.50	ug/L	20.0		119	67-120	13.1	30	
1,2-Dichloroethane (EDC)	25.7	0.50	ug/L	20.0		128	57-156	9.51	30	
1,1-Dichloroethylene	23.2	0.50	ug/L	20.0		116	50-149	1.76	30	
trans-1,2-Dichloroethylene	20.4	0.50	ug/L	20.0		102	66-126	0.245	30	
cis-1,2-Dichloroethylene	21.3	0.50	ug/L	20.0		107	70-124	4.12	30	
1,2-Dichloropropane	22.2	0.50	ug/L	20.0		111	53-139	18.0	30	
2,2-Dichloropropane	21.9	0.50	ug/L	20.0		109	44-162	1.80	30	
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		108	79-113	7.77	30	
cis-1,3-Dichloropropylene	23.2	0.50	ug/L	20.0		116	67-127	12.0	30	
trans-1,3-Dichloropropylene	22.2	0.50	ug/L	20.0		111	76-121	0.586	30	
1,1-Dichloropropylene	22.4	0.50	ug/L	20.0		112	84-124	11.7	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
LCS Dup (B3K2014-BSD1) Continued										
Prepared & Analyzed: 11/20/23										
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0		111	51-136	9.51	30	
Ethylbenzene	19.5	0.50	ug/L	20.0		97.7	86-124	3.70	30	
Ethyl-tert-Butyl Ether (ETBE)	24.0	2.0	ug/L	20.0		120	62-136	14.8	30	
Hexachlorobutadiene	22.9	1.0	ug/L	20.0		114	76-140	4.29	30	
2-Hexanone (MBK)	16.9	20	ug/L	20.0		84.6	52-123	0.00	30	
Isopropylbenzene	20.5	0.50	ug/L	20.0		102	70-130	0.147	30	
4-Isopropyltoluene	21.1	1.0	ug/L	20.0		106	70-130	0.285	30	
Methyl-tert-Butyl Ether (MTBE)	49.2	1.2	ug/L	40.0		123	58-144	3.12	30	
Methylene Chloride	34.2	5.0	ug/L	20.0		171	50-135	32.1	30	QL-03
4-Methyl-2-pentanone (MIBK)	19.4	20	ug/L	20.0		96.8	49-139	6.23	30	
Naphthalene	19.6	2.0	ug/L	20.0		98.2	74-128	14.8	30	
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130	4.53	30	
Styrene	18.0	0.50	ug/L	20.0		89.8	84-123	3.92	30	
1,1,1,2-Tetrachloroethane	20.7	0.50	ug/L	20.0		104	70-130	3.49	30	
1,1,2,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		108	58-126	9.17	30	
Tetrachloroethylene (PCE)	19.3	0.50	ug/L	20.0		96.6	70-130	1.49	30	
Toluene	18.2	0.50	ug/L	20.0		91.2	83-118	0.710	30	
1,2,3-Trichlorobenzene	22.7	0.50	ug/L	20.0		113	77-134	10.1	30	
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0		116	84-128	4.82	30	
1,1,1-Trichloroethane	25.2	0.50	ug/L	20.0		126	66-158	12.1	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	4.20	30	
Trichloroethylene (TCE)	23.5	0.50	ug/L	20.0		117	82-128	20.8	30	
Trichlorofluoromethane (R11)	33.3	0.50	ug/L	20.0		167	65-137	38.7	30	QL-03
1,2,3-Trichloropropane	22.5	0.50	ug/L	20.0		112	68-123	12.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.7	0.50	ug/L	20.0		93.7	62-130	16.5	30	
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0		106	70-130	0.947	30	
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	70-130	2.91	30	
Vinyl chloride	27.9	0.50	ug/L	20.0		140	51-151	13.7	30	
o-Xylene	18.5	0.50	ug/L	20.0		92.6	70-130	3.35	30	
m,p-Xylenes	36.9	1.0	ug/L	40.0		92.2	70-130	1.72	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2014 - EPA 5030B

LCS Dup (B3K2014-BSD1) Continued

Prepared & Analyzed: 11/20/23

Surrogate: 4-Bromofluorobenzene	50.6		ug/L	50.0		101	80-129			
Surrogate: Dibromofluoromethane	58.8		ug/L	50.0		118	68-137			
Surrogate: Toluene-d8	45.3		ug/L	50.0		90.7	83-134			

Matrix Spike (B3K2014-MS1)

Source: 3K10008-03 Prepared & Analyzed: 11/20/23

Acetone	19.8	50	ug/L	20.0		99.2	11-169			
tert-Amyl-Methyl Ether (TAME)	16.7	2.0	ug/L	20.0		83.6	66-133			
Benzene	18.4	0.50	ug/L	20.0		91.8	56-135			
Bromobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
Bromochloromethane	19.8	0.50	ug/L	20.0		98.9	74-125			
Bromodichloromethane	21.4	0.50	ug/L	20.0		107	68-144			
Bromoform	17.3	0.50	ug/L	20.0		86.3	68-151			
Bromomethane	16.3	0.50	ug/L	20.0		81.3	54-142			
2-Butanone (MEK)	16.2	20	ug/L	20.0		81.2	62-145			
tert-Butyl Alcohol (TBA)	97.6	10	ug/L	100		97.6	73-162			
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-145			
tert-Butylbenzene	22.1	0.50	ug/L	20.0	0.300	109	70-130			
n-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	28-151			
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	58-164			
Chlorobenzene	19.1	0.50	ug/L	20.0		95.4	70-130			
Chloroethane	20.2	0.50	ug/L	20.0		101	42-164			
Chloroform	21.7	0.50	ug/L	20.0		108	65-138			
Chloromethane	16.2	0.50	ug/L	20.0		81.2	50-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.8	0.50	ug/L	20.0		109	70-130			
1,2-Dibromo-3-chloropropane	18.4	1.0	ug/L	20.0		92.2	53-161			
Dibromochloromethane	20.0	0.50	ug/L	20.0		100	70-130			
1,2-Dibromoethane (EDB)	18.4	0.50	ug/L	20.0		91.9	76-130			
Dibromomethane	21.6	0.50	ug/L	20.0		108	62-135			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,4-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Dichlorodifluoromethane (R12)	23.1	0.50	ug/L	20.0		115	17-153			
1,1-Dichloroethane	20.3	0.50	ug/L	20.0		101	55-131			
1,2-Dichloroethane (EDC)	21.9	0.50	ug/L	20.0		109	52-168			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	51-140			
trans-1,2-Dichloroethylene	17.6	0.50	ug/L	20.0		88.2	59-127			
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.6	70-130			
1,2-Dichloropropane	17.4	0.50	ug/L	20.0		86.8	52-142			
2,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	36-168			
1,3-Dichloropropane	18.1	0.50	ug/L	20.0		90.6	80-121			
cis-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	66-130			
trans-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	78-130			
1,1-Dichloropropylene	20.0	0.50	ug/L	20.0		99.8	76-132			
Diisopropyl ether (DIPE)	18.1	2.0	ug/L	20.0		90.6	52-138			
Ethylbenzene	20.4	0.50	ug/L	20.0		102	86-128			
Ethyl-tert-Butyl Ether (ETBE)	18.7	2.0	ug/L	20.0		93.5	64-137			
Hexachlorobutadiene	22.3	1.0	ug/L	20.0		111	70-130			
2-Hexanone (MBK)	13.3	20	ug/L	20.0		66.6	52-141			
Isopropylbenzene	20.1	0.50	ug/L	20.0		100	70-130			
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	83-149			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		99.0	56-150			
Methylene Chloride	24.0	5.0	ug/L	20.0		120	70-130			
4-Methyl-2-pentanone (MIBK)	11.2	20	ug/L	20.0		55.9	60-148			QM-07
Naphthalene	15.2	2.0	ug/L	20.0		75.8	70-130			
n-Propylbenzene	21.0	0.50	ug/L	20.0		105	70-130			
Styrene	18.4	0.50	ug/L	20.0		92.2	65-141			
1,1,1,2-Tetrachloroethane	20.5	0.50	ug/L	20.0		103	70-130			
1,1,2,2-Tetrachloroethane	18.2	0.50	ug/L	20.0		90.8	62-134			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130			
Toluene	18.7	0.50	ug/L	20.0		93.7	81-123			
1,2,3-Trichlorobenzene	20.3	0.50	ug/L	20.0		102	73-144			
1,2,4-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	80-137			
1,1,1-Trichloroethane	23.9	0.50	ug/L	20.0		120	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike (B3K2014-MS1) Continued Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
1,1,2-Trichloroethane	18.0	0.50	ug/L	20.0		89.8	76-122			
Trichloroethylene (TCE)	19.9	0.50	ug/L	20.0		99.7	72-136			
Trichlorofluoromethane (R11)	24.2	0.50	ug/L	20.0		121	59-144			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.6	0.50	ug/L	20.0		82.9	62-126			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		109	89-134			
Vinyl chloride	18.7	0.50	ug/L	20.0		93.7	54-150			
o-Xylene	19.9	0.50	ug/L	20.0		99.4	70-130			
m,p-Xylenes	39.6	1.0	ug/L	40.0		98.9	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.0</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Acetone	21.6	50	ug/L	20.0		108	11-169	8.49	30	
tert-Amyl-Methyl Ether (TAME)	16.3	2.0	ug/L	20.0		81.5	66-133	2.60	30	
Benzene	17.4	0.50	ug/L	20.0		86.8	56-135	5.60	30	
Bromobenzene	19.0	0.50	ug/L	20.0		94.8	70-130	4.38	30	
Bromochloromethane	17.9	0.50	ug/L	20.0		89.6	74-125	9.87	30	
Bromodichloromethane	20.7	0.50	ug/L	20.0		104	68-144	3.14	30	
Bromoform	18.5	0.50	ug/L	20.0		92.7	68-151	7.15	30	
Bromomethane	18.2	0.50	ug/L	20.0		90.8	54-142	11.0	30	
2-Butanone (MEK)	18.4	20	ug/L	20.0		92.2	62-145	12.6	30	
tert-Butyl Alcohol (TBA)	93.2	10	ug/L	100		93.2	73-162	4.57	30	
sec-Butylbenzene	19.6	0.50	ug/L	20.0		98.0	84-145	4.10	30	
tert-Butylbenzene	21.5	0.50	ug/L	20.0	0.300	106	70-130	2.76	30	
n-Butylbenzene	20.5	0.50	ug/L	20.0		102	70-130	8.87	30	
Carbon Disulfide	21.5	0.50	ug/L	20.0		108	28-151	1.29	30	
Carbon Tetrachloride	23.0	0.50	ug/L	20.0		115	58-164	5.08	30	
Chlorobenzene	20.1	0.50	ug/L	20.0		101	70-130	5.35	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
Chloroethane	19.6	0.50	ug/L	20.0		98.0	42-164	3.02	30	
Chloroform	20.4	0.50	ug/L	20.0		102	65-138	6.18	30	
Chloromethane	17.9	0.50	ug/L	20.0		89.6	50-152	9.83	30	
2-Chlorotoluene	19.4	0.50	ug/L	20.0		97.0	70-130	8.92	30	
4-Chlorotoluene	18.6	0.50	ug/L	20.0		93.1	70-130	16.0	30	
1,2-Dibromo-3-chloropropane	17.2	1.0	ug/L	20.0		86.2	53-161	6.78	30	
Dibromochloromethane	20.9	0.50	ug/L	20.0		104	70-130	4.31	30	
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0		95.9	76-130	4.26	30	
Dibromomethane	20.0	0.50	ug/L	20.0		100	62-135	7.36	30	
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	3.52	30	
1,2-Dichlorobenzene	20.4	0.50	ug/L	20.0		102	70-130	4.98	30	
1,4-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.1	70-130	5.69	30	
Dichlorodifluoromethane (R12)	23.7	0.50	ug/L	20.0		119	17-153	2.86	30	
1,1-Dichloroethane	18.3	0.50	ug/L	20.0		91.6	55-131	10.2	30	
1,2-Dichloroethane (EDC)	19.8	0.50	ug/L	20.0		99.0	52-168	9.84	30	
1,1-Dichloroethylene	21.2	0.50	ug/L	20.0		106	51-140	10.4	30	
trans-1,2-Dichloroethylene	17.3	0.50	ug/L	20.0		86.5	59-127	2.00	30	
cis-1,2-Dichloroethylene	17.1	0.50	ug/L	20.0		85.6	70-130	6.77	30	
1,2-Dichloropropane	16.8	0.50	ug/L	20.0		84.2	52-142	3.04	30	
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	36-168	6.20	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.9	80-121	5.68	30	
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.3	66-130	5.77	30	
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130	6.95	30	
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	76-132	3.10	30	
Diisopropyl ether (DIPE)	17.1	2.0	ug/L	20.0		85.3	52-138	5.97	30	
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-128	5.34	30	
Ethyl-tert-Butyl Ether (ETBE)	17.6	2.0	ug/L	20.0		88.0	64-137	6.12	30	
Hexachlorobutadiene	21.8	1.0	ug/L	20.0		109	70-130	2.36	30	
2-Hexanone (MBK)	15.6	20	ug/L	20.0		78.0	52-141	15.6	30	
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.6	70-130	1.81	30	
4-Isopropyltoluene	20.0	1.0	ug/L	20.0		100	83-149	6.48	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2014 - EPA 5030B</i>										
Matrix Spike Dup (B3K2014-MSD1) Source: 3K10008-03 Prepared & Analyzed: 11/20/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	37.6	1.2	ug/L	40.0		94.0	56-150	5.28	30	
Methylene Chloride	24.2	5.0	ug/L	20.0		121	70-130	0.581	30	
4-Methyl-2-pentanone (MIBK)	11.1	20	ug/L	20.0		55.7	60-148	0.358	30	QM-07
Naphthalene	14.9	2.0	ug/L	20.0		74.6	70-130	1.66	30	
n-Propylbenzene	20.2	0.50	ug/L	20.0		101	70-130	3.69	30	
Styrene	19.2	0.50	ug/L	20.0		96.2	65-141	4.35	30	
1,1,1,2-Tetrachloroethane	22.1	0.50	ug/L	20.0		110	70-130	7.23	30	
1,1,2,2-Tetrachloroethane	18.5	0.50	ug/L	20.0		92.6	62-134	1.91	30	
Tetrachloroethylene (PCE)	21.8	0.50	ug/L	20.0		109	70-130	3.89	30	
Toluene	19.9	0.50	ug/L	20.0		99.6	81-123	6.15	30	
1,2,3-Trichlorobenzene	18.6	0.50	ug/L	20.0		93.0	73-144	8.78	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	80-137	9.31	30	
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	62-164	7.24	30	
1,1,2-Trichloroethane	18.7	0.50	ug/L	20.0		93.6	76-122	4.14	30	
Trichloroethylene (TCE)	18.0	0.50	ug/L	20.0		90.2	72-136	10.1	30	
Trichlorofluoromethane (R11)	23.2	0.50	ug/L	20.0		116	59-144	4.22	30	
1,2,3-Trichloropropane	18.3	0.50	ug/L	20.0		91.4	69-135	3.96	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	14.8	0.50	ug/L	20.0		74.1	62-126	11.2	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130	7.00	30	
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		99.0	89-134	9.98	30	
Vinyl chloride	18.6	0.50	ug/L	20.0		93.0	54-150	0.750	30	
o-Xylene	20.6	0.50	ug/L	20.0		103	70-130	3.36	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130	5.79	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K1430 - EPA 3510C

Blank (B3K1430-BLK1)

Prepared: 11/14/23 Analyzed: 11/16/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K1430 - EPA 3510C</i>										
Blank (B3K1430-BLK1) Continued				Prepared: 11/14/23 Analyzed: 11/16/23						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0484</i>		<i>mg/L</i>	<i>0.0400</i>		<i>121</i>	<i>50-150</i>			
LCS (B3K1430-BS1)				Prepared: 11/14/23 Analyzed: 11/16/23						
Diesel Range Organics as Diesel	0.216	0.10	mg/L	0.800		27.1	36-132			QL-02
<i>Surrogate: o-Terphenyl</i>	<i>0.0324</i>		<i>mg/L</i>	<i>0.0400</i>		<i>81.0</i>	<i>50-150</i>			
LCS Dup (B3K1430-BSD1)				Prepared: 11/14/23 Analyzed: 11/16/23						
Diesel Range Organics as Diesel	0.338	0.10	mg/L	0.800		42.2	36-132	43.7	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0409</i>		<i>mg/L</i>	<i>0.0400</i>		<i>102</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K1515 - *** DEFAULT PREP ***</i>										
Blank (B3K1515-BLK1)				Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>92.6</i>	<i>80-120</i>			
LCS (B3K1515-BS1)				Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	384	100	ug/L	500		76.8	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-120</i>			
LCS Dup (B3K1515-BSD1)				Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	480	100	ug/L	500		95.9	75-125	22.2	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>80-120</i>			
Matrix Spike (B3K1515-MS1)				Source: 3K10008-11 Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	482	100	ug/L	500		96.4	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>56.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>114</i>	<i>80-120</i>			
Matrix Spike Dup (B3K1515-MSD1)				Source: 3K10008-11 Prepared & Analyzed: 11/15/23						
Gasoline Range Organics (GRO)	412	100	ug/L	500		82.3	70-130	15.7	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-120</i>			
<i>Batch B3K2015 - *** DEFAULT PREP ***</i>										
Blank (B3K2015-BLK1)				Prepared & Analyzed: 11/20/23						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K2015 - *** DEFAULT PREP ***</i>										
Blank (B3K2015-BLK1) Continued				Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.3		ug/L	50.0		98.6	80-120			
LCS (B3K2015-BS1)				Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	532	100	ug/L	500		106	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	54.8		ug/L	50.0		110	80-120			
LCS Dup (B3K2015-BSD1)				Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	423	100	ug/L	500		84.6	75-125	22.9	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	46.7		ug/L	50.0		93.5	80-120			
Matrix Spike (B3K2015-MS1)				Source: 3K14015-03 Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	484	100	ug/L	500		96.9	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	52.4		ug/L	50.0		105	80-120			
Matrix Spike Dup (B3K2015-MSD1)				Source: 3K14015-03 Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	454	100	ug/L	500		90.7	70-130	6.52	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.5		ug/L	50.0		98.9	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335337
Date Received: 11/10/23
Date Reported: 12/11/23

Special Notes

- [1] = **QL-02** : The recovery for this analyte is outside of the acceptance control limits for the LCS. The data was validated based on the acceptable recovery for this analyte in the LCSD.
- [2] = **QL-03** : The recovery for this analyte is outside of the acceptance control limits for the LCSD. The data was validated based on the acceptable recovery for this analyte in the LCS.
- [3] = **QM-07** : The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS or LCSD recovery.

A handwritten signature in black ink, appearing to read 'VA'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335348 / 3K14015**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/14/23 18:44 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', is written over a light blue horizontal line.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K14015-01	Water	5	11/14/23 06:00	11/14/23 18:44
QCEB-1	3K14015-02	Water	5	11/14/23 08:15	11/14/23 18:44

8260B+OXYGENATES

GW-16	3K14015-03	Water	5	11/14/23 08:45	11/14/23 18:44
TF-18	3K14015-04	Water	5	11/14/23 09:25	11/14/23 18:44
DUP-7	3K14015-05	Water	5	11/14/23 00:00	11/14/23 18:44
TF-17R	3K14015-06	Water	5	11/14/23 10:05	11/14/23 18:44
TF-15	3K14015-07	Water	5	11/14/23 10:45	11/14/23 18:44
TF-16	3K14015-08	Water	5	11/14/23 11:20	11/14/23 18:44
TF-13	3K14015-09	Water	5	11/14/23 12:00	11/14/23 18:44

Diesel Range Organics 8015M

QCEB-1	3K14015-02	Water	5	11/14/23 08:15	11/14/23 18:44
GW-16	3K14015-03	Water	5	11/14/23 08:45	11/14/23 18:44
TF-18	3K14015-04	Water	5	11/14/23 09:25	11/14/23 18:44
DUP-7	3K14015-05	Water	5	11/14/23 00:00	11/14/23 18:44
TF-17R	3K14015-06	Water	5	11/14/23 10:05	11/14/23 18:44
TF-15	3K14015-07	Water	5	11/14/23 10:45	11/14/23 18:44
TF-16	3K14015-08	Water	5	11/14/23 11:20	11/14/23 18:44

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
TF-13	3K14015-09	Water	5	11/14/23 12:00	11/14/23 18:44
<u>Gasoline Range Organics 8015M</u>					
GW-16	3K14015-03	Water	5	11/14/23 08:45	11/14/23 18:44
TF-18	3K14015-04	Water	5	11/14/23 09:25	11/14/23 18:44
DUP-7	3K14015-05	Water	5	11/14/23 00:00	11/14/23 18:44
TF-17R	3K14015-06	Water	5	11/14/23 10:05	11/14/23 18:44
TF-15	3K14015-07	Water	5	11/14/23 10:45	11/14/23 18:44
TF-16	3K14015-08	Water	5	11/14/23 11:20	11/14/23 18:44
TF-13	3K14015-09	Water	5	11/14/23 12:00	11/14/23 18:44

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	
Date Prepared:	11/27/23	11/27/23	
Date Analyzed:	11/27/23	11/27/23	
AA ID No:	3K14015-01	3K14015-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	
Date Prepared:	11/27/23	11/27/23	
Date Analyzed:	11/27/23	11/27/23	
AA ID No:	3K14015-01	3K14015-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	
Date Prepared:	11/27/23	11/27/23	
Date Analyzed:	11/27/23	11/27/23	
AA ID No:	3K14015-01	3K14015-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	99%	100%	80-129
Dibromofluoromethane	97%	100%	68-137
Toluene-d8	102%	103%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/28/23	11/28/23	11/28/23	11/28/23	
Date Analyzed:	11/28/23	11/28/23	11/28/23	11/28/23	
AA ID No:	3K14015-03	3K14015-04	3K14015-05	3K14015-06	
Client ID No:	GW-16	TF-18	DUP-7	TF-17R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.57	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	0.90	0.50
Carbon Disulfide	<0.50	0.52	0.59	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	11/14/23	11/14/23
Date Prepared:	11/28/23	11/28/23	11/28/23	11/28/23
Date Analyzed:	11/28/23	11/28/23	11/28/23	11/28/23
AA ID No:	3K14015-03	3K14015-04	3K14015-05	3K14015-06
Client ID No:	GW-16	TF-18	DUP-7	TF-17R
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1
				MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	0.76	1.8	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.62	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/28/23	11/28/23	11/28/23	11/28/23	
Date Analyzed:	11/28/23	11/28/23	11/28/23	11/28/23	
AA ID No:	3K14015-03	3K14015-04	3K14015-05	3K14015-06	
Client ID No:	GW-16	TF-18	DUP-7	TF-17R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	14	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	1.3	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates

					%REC Limits
4-Bromofluorobenzene	100%	101%	99%	101%	80-129
Dibromofluoromethane	100%	103%	99%	99%	68-137
Toluene-d8	101%	101%	100%	101%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

	11/14/23	11/14/23	11/14/23	
Date Sampled:	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/28/23	11/28/23	11/28/23	
Date Analyzed:	11/28/23	11/28/23	11/28/23	
AA ID No:	3K14015-07	3K14015-08	3K14015-09	
Client ID No:	TF-15	TF-16	TF-13	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	2.0
Benzene	0.69	<0.50	0.96	0.50
Bromobenzene	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	10
sec-Butylbenzene	2.9	1.8	<0.50	0.50
tert-Butylbenzene	0.83	0.90	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	1.2	1.2	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

	11/14/23	11/14/23	11/14/23	
Date Sampled:	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/28/23	11/28/23	11/28/23	
Date Analyzed:	11/28/23	11/28/23	11/28/23	
AA ID No:	3K14015-07	3K14015-08	3K14015-09	
Client ID No:	TF-15	TF-16	TF-13	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	2.0
Ethylbenzene	1.1	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	20
Isopropylbenzene	20	5.3	0.53	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	20
Naphthalene	7.5	3.6	<2.0	2.0
n-Propylbenzene	6.4	4.4	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

	11/14/23	11/14/23	11/14/23	
Date Sampled:	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/28/23	11/28/23	11/28/23	
Date Analyzed:	11/28/23	11/28/23	11/28/23	
AA ID No:	3K14015-07	3K14015-08	3K14015-09	
Client ID No:	TF-15	TF-16	TF-13	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	0.78	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>				<u>%REC Limits</u>
4-Bromofluorobenzene	100%	95%	100%	80-129
Dibromofluoromethane	98%	96%	99%	68-137
Toluene-d8	104%	103%	100%	83-134

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/16/23	11/16/23	11/16/23	11/16/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K14015-02	3K14015-03	3K14015-04	3K14015-05	
Client ID No:	QCEB-1	GW-16	TF-18	DUP-7	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.43 [1]	1.2	0.98	0.10
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Surrogates

o-Terphenyl	131%	161%	150%	124%	<u>%REC Limits</u> 50-150
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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/14/23	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/16/23	11/16/23	11/16/23	11/16/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K14015-06	3K14015-07	3K14015-08	3K14015-09	
Client ID No:	TF-17R	TF-15	TF-16	TF-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.46	2.1	6.7	3.4	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	117%	118%	107%	117%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335348
Project No:	091-NOR-001	Date Received:	11/14/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/14/23	11/14/23	11/14/23	11/14/23
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23
AA ID No:	3K14015-03	3K14015-04	3K14015-05	3K14015-06
Client ID No:	GW-16	TF-18	DUP-7	TF-17R
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	200	100
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Surrogates

					<u>%REC Limits</u>
a,a,a-Trifluorotoluene	89%	96%	96%	93%	80-120

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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/14/23	11/14/23	11/14/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	
AA ID No:	3K14015-07	3K14015-08	3K14015-09	
Client ID No:	TF-15	TF-16	TF-13	
Matrix:	Water	Water	Water	
Dilution Factor:	2	2	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	330	310	<100	100
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Surrogates

a,a,a-Trifluorotoluene	110%	101%	96%	%REC Limits 80-120
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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2719 - EPA 5030B

Blank (B3K2719-BLK1)

Prepared & Analyzed: 11/27/23

Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Blank (B3K2719-BLK1) Continued										
Prepared & Analyzed: 11/27/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Blank (B3K2719-BLK1) Continued										
Prepared & Analyzed: 11/27/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.6</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.0</i>	<i>83-134</i>			
LCS (B3K2719-BS1)										
Prepared & Analyzed: 11/27/23										
Acetone	22.1	50	ug/L	20.0		111	27-123			
tert-Amyl-Methyl Ether (TAME)	21.5	2.0	ug/L	20.0		108	58-133			
Benzene	20.9	0.50	ug/L	20.0		104	60-134			
Bromobenzene	22.2	0.50	ug/L	20.0		111	70-130			
Bromochloromethane	21.9	0.50	ug/L	20.0		109	78-121			
Bromodichloromethane	22.0	0.50	ug/L	20.0		110	74-135			
Bromoform	22.0	0.50	ug/L	20.0		110	68-132			
Bromomethane	19.1	0.50	ug/L	20.0		95.6	58-142			
2-Butanone (MEK)	22.1	20	ug/L	20.0		111	62-138			
tert-Butyl Alcohol (TBA)	116	10	ug/L	100		116	65-148			
sec-Butylbenzene	20.9	0.50	ug/L	20.0		105	84-142			
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Carbon Disulfide	17.2	0.50	ug/L	20.0		86.1	17-177			
Carbon Tetrachloride	20.8	0.50	ug/L	20.0		104	66-155			
Chlorobenzene	20.9	0.50	ug/L	20.0		104	70-130			
Chloroethane	21.2	0.50	ug/L	20.0		106	45-166			
Chloroform	22.1	0.50	ug/L	20.0		111	71-131			
Chloromethane	20.6	0.50	ug/L	20.0		103	48-152			

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS (B3K2719-BS1) Continued										
Prepared & Analyzed: 11/27/23										
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.6	0.50	ug/L	20.0		108	70-130			
1,2-Dibromo-3-chloropropane	22.9	1.0	ug/L	20.0		115	53-145			
Dibromochloromethane	21.5	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	22.7	0.50	ug/L	20.0		114	68-124			
1,3-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dichlorobenzene	22.3	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.2	16-148			
1,1-Dichloroethane	21.4	0.50	ug/L	20.0		107	67-120			
1,2-Dichloroethane (EDC)	21.7	0.50	ug/L	20.0		109	57-156			
1,1-Dichloroethylene	20.9	0.50	ug/L	20.0		105	50-149			
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		101	53-139			
2,2-Dichloropropane	20.3	0.50	ug/L	20.0		102	44-162			
1,3-Dichloropropane	20.9	0.50	ug/L	20.0		104	79-113			
cis-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	67-127			
trans-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	76-121			
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.1	84-124			
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		105	51-136			
Ethylbenzene	22.0	0.50	ug/L	20.0		110	86-124			
Ethyl-tert-Butyl Ether (ETBE)	23.4	2.0	ug/L	20.0		117	62-136			
Gasoline Range Organics (GRO)	529	100	ug/L	500		106	60-123			
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140			
2-Hexanone (MBK)	20.0	20	ug/L	20.0		99.8	52-123			
Isopropylbenzene	21.8	0.50	ug/L	20.0		109	70-130			
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.4	1.2	ug/L	40.0		121	58-144			
Methylene Chloride	21.0	5.0	ug/L	20.0		105	50-135			
4-Methyl-2-pentanone (MIBK)	22.1	20	ug/L	20.0		110	49-139			

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS (B3K2719-BS1) Continued										
Prepared & Analyzed: 11/27/23										
Naphthalene	21.1	2.0	ug/L	20.0		106	74-128			
n-Propylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Styrene	21.3	0.50	ug/L	20.0		106	84-123			
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	70-130			
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126			
Tetrachloroethylene (PCE)	20.2	0.50	ug/L	20.0		101	70-130			
Toluene	20.1	0.50	ug/L	20.0		100	83-118			
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0		111	77-134			
1,2,4-Trichlorobenzene	21.9	0.50	ug/L	20.0		110	84-128			
1,1,1-Trichloroethane	20.4	0.50	ug/L	20.0		102	66-158			
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115			
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	82-128			
Trichlorofluoromethane (R11)	19.4	0.50	ug/L	20.0		97.2	65-137			
1,2,3-Trichloropropane	20.8	0.50	ug/L	20.0		104	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.3	62-130			
1,3,5-Trimethylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
Vinyl chloride	23.3	0.50	ug/L	20.0		117	51-151			
o-Xylene	21.0	0.50	ug/L	20.0		105	70-130			
m,p-Xylenes	43.0	1.0	ug/L	40.0		107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.8		ug/L	50.0		99.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.0		ug/L	50.0		102	68-137			
<i>Surrogate: Toluene-d8</i>	48.2		ug/L	50.0		96.4	83-134			
LCS Dup (B3K2719-BSD1)										
Prepared: 11/27/23 Analyzed: 11/28/23										
Acetone	16.5	50	ug/L	20.0		82.6	27-123	29.0	30	
tert-Amyl-Methyl Ether (TAME)	22.3	2.0	ug/L	20.0		112	58-133	3.74	30	
Benzene	21.9	0.50	ug/L	20.0		110	60-134	4.96	30	
Bromobenzene	22.1	0.50	ug/L	20.0		110	70-130	0.632	30	
Bromochloromethane	23.6	0.50	ug/L	20.0		118	78-121	7.82	30	
Bromodichloromethane	23.6	0.50	ug/L	20.0		118	74-135	7.24	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS Dup (B3K2719-BSD1) Continued										
					Prepared: 11/27/23 Analyzed: 11/28/23					
Bromoform	20.5	0.50	ug/L	20.0		102	68-132	7.39	30	
Bromomethane	24.8	0.50	ug/L	20.0		124	58-142	25.9	30	
2-Butanone (MEK)	21.2	20	ug/L	20.0		106	62-138	4.06	30	
tert-Butyl Alcohol (TBA)	102	10	ug/L	100		102	65-148	13.6	30	
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-142	4.20	30	
tert-Butylbenzene	20.9	0.50	ug/L	20.0		104	70-130	1.43	30	
n-Butylbenzene	19.9	0.50	ug/L	20.0		99.4	70-130	7.55	30	
Carbon Disulfide	16.8	0.50	ug/L	20.0		84.2	17-177	2.17	30	
Carbon Tetrachloride	20.6	0.50	ug/L	20.0		103	66-155	1.26	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		106	70-130	1.94	30	
Chloroethane	21.8	0.50	ug/L	20.0		109	45-166	2.65	30	
Chloroform	23.3	0.50	ug/L	20.0		116	71-131	5.07	30	
Chloromethane	21.1	0.50	ug/L	20.0		105	48-152	2.50	30	
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130	2.49	30	
4-Chlorotoluene	21.1	0.50	ug/L	20.0		106	70-130	2.34	30	
1,2-Dibromo-3-chloropropane	20.9	1.0	ug/L	20.0		104	53-145	9.36	30	
Dibromochloromethane	21.4	0.50	ug/L	20.0		107	72-133	0.700	30	
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120	1.21	30	
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124	7.30	30	
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.62	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	4.21	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	3.37	30	
Dichlorodifluoromethane (R12)	19.5	0.50	ug/L	20.0		97.7	16-148	2.54	30	
1,1-Dichloroethane	22.8	0.50	ug/L	20.0		114	67-120	6.19	30	
1,2-Dichloroethane (EDC)	23.8	0.50	ug/L	20.0		119	57-156	9.22	30	
1,1-Dichloroethylene	20.3	0.50	ug/L	20.0		102	50-149	2.91	30	
trans-1,2-Dichloroethylene	21.2	0.50	ug/L	20.0		106	66-126	4.47	30	
cis-1,2-Dichloroethylene	21.5	0.50	ug/L	20.0		107	70-124	4.86	30	
1,2-Dichloropropane	21.9	0.50	ug/L	20.0		109	53-139	7.60	30	
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	44-162	3.10	30	
1,3-Dichloropropane	21.3	0.50	ug/L	20.0		107	79-113	2.18	30	
cis-1,3-Dichloropropylene	23.5	0.50	ug/L	20.0		118	67-127	8.73	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS Dup (B3K2719-BSD1) Continued										
Prepared: 11/27/23 Analyzed: 11/28/23										
trans-1,3-Dichloropropylene	21.3	0.50	ug/L	20.0		107	76-121	1.21	30	
1,1-Dichloropropylene	20.4	0.50	ug/L	20.0		102	84-124	2.69	30	
Diisopropyl ether (DIPE)	22.8	2.0	ug/L	20.0		114	51-136	8.60	30	
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	3.94	30	
Ethyl-tert-Butyl Ether (ETBE)	24.5	2.0	ug/L	20.0		122	62-136	4.55	30	
Gasoline Range Organics (GRO)	524	100	ug/L	500		105	60-123	1.03	30	
Hexachlorobutadiene	18.6	1.0	ug/L	20.0		92.8	76-140	8.42	30	
2-Hexanone (MBK)	18.5	20	ug/L	20.0		92.4	52-123	7.75	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	3.46	30	
4-Isopropyltoluene	19.7	1.0	ug/L	20.0		98.4	70-130	5.43	30	
Methyl-tert-Butyl Ether (MTBE)	48.9	1.2	ug/L	40.0		122	58-144	0.946	30	
Methylene Chloride	22.0	5.0	ug/L	20.0		110	50-135	4.83	30	
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0		104	49-139	5.78	30	
Naphthalene	19.5	2.0	ug/L	20.0		97.6	74-128	7.82	30	
n-Propylbenzene	20.5	0.50	ug/L	20.0		103	70-130	4.34	30	
Styrene	20.8	0.50	ug/L	20.0		104	84-123	2.57	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		106	70-130	0.424	30	
1,1,2,2-Tetrachloroethane	22.0	0.50	ug/L	20.0		110	58-126	2.03	30	
Tetrachloroethylene (PCE)	19.1	0.50	ug/L	20.0		95.6	70-130	5.54	30	
Toluene	20.0	0.50	ug/L	20.0		100	83-118	0.549	30	
1,2,3-Trichlorobenzene	20.6	0.50	ug/L	20.0		103	77-134	7.88	30	
1,2,4-Trichlorobenzene	20.7	0.50	ug/L	20.0		103	84-128	5.87	30	
1,1,1-Trichloroethane	21.0	0.50	ug/L	20.0		105	66-158	2.75	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	0.0927	30	
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	82-128	0.191	30	
Trichlorofluoromethane (R11)	20.8	0.50	ug/L	20.0		104	65-137	6.86	30	
1,2,3-Trichloropropane	20.8	0.50	ug/L	20.0		104	68-123	0.336	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.6	62-130	0.335	30	
1,3,5-Trimethylbenzene	20.9	0.50	ug/L	20.0		105	70-130	3.71	30	
1,2,4-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.28	30	
Vinyl chloride	24.4	0.50	ug/L	20.0		122	51-151	4.60	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS Dup (B3K2719-BSD1) Continued										
Prepared: 11/27/23 Analyzed: 11/28/23										
o-Xylene	20.5	0.50	ug/L	20.0		103	70-130	2.27	30	
m,p-Xylenes	41.4	1.0	ug/L	40.0		104	70-130	3.68	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.3</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>54.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>109</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.9</i>	<i>83-134</i>			
Matrix Spike (B3K2719-MS1)										
Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Acetone	24.1	50	ug/L	20.0	10.5	68.2	11-169			
tert-Amyl-Methyl Ether (TAME)	20.8	2.0	ug/L	20.0		104	66-133			
Benzene	21.7	0.50	ug/L	20.0		108	56-135			
Bromobenzene	22.8	0.50	ug/L	20.0		114	70-130			
Bromochloromethane	22.0	0.50	ug/L	20.0		110	74-125			
Bromodichloromethane	22.1	0.50	ug/L	20.0		111	68-144			
Bromoform	18.4	0.50	ug/L	20.0		92.0	68-151			
Bromomethane	23.8	0.50	ug/L	20.0		119	54-142			
2-Butanone (MEK)	20.6	20	ug/L	20.0		103	62-145			
tert-Butyl Alcohol (TBA)	95.2	10	ug/L	100		95.2	73-162			
sec-Butylbenzene	22.2	0.50	ug/L	20.0		111	84-145			
tert-Butylbenzene	22.6	0.50	ug/L	20.0		113	70-130			
n-Butylbenzene	22.5	0.50	ug/L	20.0		113	70-130			
Carbon Disulfide	18.0	0.50	ug/L	20.0		89.9	28-151			
Carbon Tetrachloride	21.4	0.50	ug/L	20.0		107	58-164			
Chlorobenzene	19.2	0.50	ug/L	20.0		95.9	70-130			
Chloroethane	24.3	0.50	ug/L	20.0		122	42-164			
Chloroform	22.5	0.50	ug/L	20.0		113	65-138			
Chloromethane	21.8	0.50	ug/L	20.0		109	50-152			
2-Chlorotoluene	22.1	0.50	ug/L	20.0		111	70-130			
4-Chlorotoluene	22.2	0.50	ug/L	20.0		111	70-130			
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0		110	53-161			
Dibromochloromethane	18.9	0.50	ug/L	20.0		94.4	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0		95.4	76-130			
Dibromomethane	22.2	0.50	ug/L	20.0		111	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike (B3K2719-MS1) Continued Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0		112	70-130			
1,4-Dichlorobenzene	22.0	0.50	ug/L	20.0		110	70-130			
Dichlorodifluoromethane (R12)	19.9	0.50	ug/L	20.0		99.4	17-153			
1,1-Dichloroethane	22.4	0.50	ug/L	20.0		112	55-131			
1,2-Dichloroethane (EDC)	22.3	0.50	ug/L	20.0		111	52-168			
1,1-Dichloroethylene	21.5	0.50	ug/L	20.0		107	51-140			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		105	59-127			
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0		105	70-130			
1,2-Dichloropropane	21.4	0.50	ug/L	20.0		107	52-142			
2,2-Dichloropropane	20.5	0.50	ug/L	20.0		102	36-168			
1,3-Dichloropropane	19.0	0.50	ug/L	20.0		95.1	80-121			
cis-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0		109	66-130			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0		94.5	78-130			
1,1-Dichloropropylene	21.1	0.50	ug/L	20.0		105	76-132			
Diisopropyl ether (DIPE)	21.6	2.0	ug/L	20.0		108	52-138			
Ethylbenzene	20.0	0.50	ug/L	20.0		100	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.2	2.0	ug/L	20.0		116	64-137			
Hexachlorobutadiene	21.4	1.0	ug/L	20.0		107	70-130			
2-Hexanone (MBK)	16.4	20	ug/L	20.0		82.0	52-141			
Isopropylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
4-Isopropyltoluene	21.7	1.0	ug/L	20.0		109	83-149			
Methyl-tert-Butyl Ether (MTBE)	46.5	1.2	ug/L	40.0		116	56-150			
Methylene Chloride	20.7	5.0	ug/L	20.0		104	70-130			
4-Methyl-2-pentanone (MIBK)	20.7	20	ug/L	20.0		104	60-148			
Naphthalene	20.5	2.0	ug/L	20.0		102	70-130			
n-Propylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
Styrene	18.3	0.50	ug/L	20.0		91.5	65-141			
1,1,1,2-Tetrachloroethane	19.2	0.50	ug/L	20.0		95.8	70-130			
1,1,2,2-Tetrachloroethane	19.7	0.50	ug/L	20.0		98.3	62-134			
Tetrachloroethylene (PCE)	19.0	0.50	ug/L	20.0		95.0	70-130			
Toluene	19.3	0.50	ug/L	20.0		96.4	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike (B3K2719-MS1) Continued Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
1,2,3-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	73-144			
1,2,4-Trichlorobenzene	21.9	0.50	ug/L	20.0		110	80-137			
1,1,1-Trichloroethane	21.6	0.50	ug/L	20.0		108	62-164			
1,1,2-Trichloroethane	19.4	0.50	ug/L	20.0		96.9	76-122			
Trichloroethylene (TCE)	21.9	0.50	ug/L	20.0		110	72-136			
Trichlorofluoromethane (R11)	21.1	0.50	ug/L	20.0		105	59-144			
1,2,3-Trichloropropane	18.2	0.50	ug/L	20.0		91.2	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.7	62-126			
1,3,5-Trimethylbenzene	22.2	0.50	ug/L	20.0		111	70-130			
1,2,4-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	89-134			
Vinyl chloride	24.7	0.50	ug/L	20.0		124	54-150			
o-Xylene	19.4	0.50	ug/L	20.0		96.8	70-130			
m,p-Xylenes	39.8	1.0	ug/L	40.0		99.5	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.6</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.0</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2719-MSD1) Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Acetone	22.1	50	ug/L	20.0	10.5	58.0	11-169	8.83	30	
tert-Amyl-Methyl Ether (TAME)	20.0	2.0	ug/L	20.0		100	66-133	3.87	30	
Benzene	21.4	0.50	ug/L	20.0		107	56-135	1.21	30	
Bromobenzene	22.8	0.50	ug/L	20.0		114	70-130	0.0876	30	
Bromochloromethane	21.1	0.50	ug/L	20.0		105	74-125	4.41	30	
Bromodichloromethane	22.0	0.50	ug/L	20.0		110	68-144	0.408	30	
Bromoform	19.9	0.50	ug/L	20.0		99.4	68-151	7.84	30	
Bromomethane	24.2	0.50	ug/L	20.0		121	54-142	1.75	30	
2-Butanone (MEK)	19.5	20	ug/L	20.0		97.7	62-145	5.18	30	
tert-Butyl Alcohol (TBA)	94.4	10	ug/L	100		94.4	73-162	0.875	30	
sec-Butylbenzene	21.7	0.50	ug/L	20.0		109	84-145	2.09	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	1.43	30	
n-Butylbenzene	21.8	0.50	ug/L	20.0		109	70-130	3.11	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike Dup (B3K2719-MSD1) Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Continued										
Carbon Disulfide	17.2	0.50	ug/L	20.0		85.8	28-151	4.73	30	
Carbon Tetrachloride	20.8	0.50	ug/L	20.0		104	58-164	2.51	30	
Chlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	12.0	30	
Chloroethane	24.0	0.50	ug/L	20.0		120	42-164	1.41	30	
Chloroform	22.4	0.50	ug/L	20.0		112	65-138	0.669	30	
Chloromethane	21.7	0.50	ug/L	20.0		109	50-152	0.138	30	
2-Chlorotoluene	22.1	0.50	ug/L	20.0		111	70-130	0.0904	30	
4-Chlorotoluene	22.2	0.50	ug/L	20.0		111	70-130	0.135	30	
1,2-Dibromo-3-chloropropane	21.9	1.0	ug/L	20.0		109	53-161	0.820	30	
Dibromochloromethane	20.8	0.50	ug/L	20.0		104	70-130	9.68	30	
1,2-Dibromoethane (EDB)	21.1	0.50	ug/L	20.0		105	76-130	9.91	30	
Dibromomethane	21.4	0.50	ug/L	20.0		107	62-135	3.66	30	
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	0.278	30	
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0		112	70-130	0.00	30	
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	1.70	30	
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0		98.1	17-153	1.37	30	
1,1-Dichloroethane	21.4	0.50	ug/L	20.0		107	55-131	4.38	30	
1,2-Dichloroethane (EDC)	21.4	0.50	ug/L	20.0		107	52-168	3.80	30	
1,1-Dichloroethylene	20.4	0.50	ug/L	20.0		102	51-140	5.21	30	
trans-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		102	59-127	2.74	30	
cis-1,2-Dichloroethylene	20.8	0.50	ug/L	20.0		104	70-130	1.29	30	
1,2-Dichloropropane	21.0	0.50	ug/L	20.0		105	52-142	1.80	30	
2,2-Dichloropropane	19.5	0.50	ug/L	20.0		97.3	36-168	5.16	30	
1,3-Dichloropropane	20.7	0.50	ug/L	20.0		104	80-121	8.46	30	
cis-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	66-130	1.71	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	78-130	9.43	30	
1,1-Dichloropropylene	20.8	0.50	ug/L	20.0		104	76-132	1.39	30	
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		105	52-138	3.38	30	
Ethylbenzene	22.4	0.50	ug/L	20.0		112	86-128	11.1	30	
Ethyl-tert-Butyl Ether (ETBE)	21.9	2.0	ug/L	20.0		110	64-137	5.75	30	
Hexachlorobutadiene	20.8	1.0	ug/L	20.0		104	70-130	2.80	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike Dup (B3K2719-MSD1) Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Continued										
2-Hexanone (MBK)	17.8	20	ug/L	20.0		89.2	52-141	8.53	30	
Isopropylbenzene	22.6	0.50	ug/L	20.0		113	70-130	1.01	30	
4-Isopropyltoluene	21.7	1.0	ug/L	20.0		108	83-149	0.369	30	
Methyl-tert-Butyl Ether (MTBE)	44.1	1.2	ug/L	40.0		110	56-150	5.21	30	
Methylene Chloride	19.9	5.0	ug/L	20.0		99.4	70-130	4.04	30	
4-Methyl-2-pentanone (MIBK)	18.4	20	ug/L	20.0		91.8	60-148	12.2	30	
Naphthalene	21.3	2.0	ug/L	20.0		107	70-130	4.02	30	
n-Propylbenzene	22.4	0.50	ug/L	20.0		112	70-130	1.77	30	
Styrene	19.8	0.50	ug/L	20.0		99.2	65-141	8.13	30	
1,1,1,2-Tetrachloroethane	21.0	0.50	ug/L	20.0		105	70-130	9.30	30	
1,1,2,2-Tetrachloroethane	21.4	0.50	ug/L	20.0		107	62-134	8.62	30	
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130	9.67	30	
Toluene	21.6	0.50	ug/L	20.0		108	81-123	11.4	30	
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0		109	73-144	2.95	30	
1,2,4-Trichlorobenzene	21.9	0.50	ug/L	20.0		110	80-137	0.182	30	
1,1,1-Trichloroethane	20.9	0.50	ug/L	20.0		105	62-164	3.15	30	
1,1,2-Trichloroethane	21.4	0.50	ug/L	20.0		107	76-122	9.72	30	
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	72-136	4.38	30	
Trichlorofluoromethane (R11)	20.9	0.50	ug/L	20.0		104	59-144	1.00	30	
1,2,3-Trichloropropane	20.8	0.50	ug/L	20.0		104	69-135	13.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0		94.0	62-126	2.78	30	
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	70-130	0.493	30	
1,2,4-Trimethylbenzene	22.2	0.50	ug/L	20.0		111	89-134	0.944	30	
Vinyl chloride	24.5	0.50	ug/L	20.0		123	54-150	0.691	30	
o-Xylene	21.5	0.50	ug/L	20.0		107	70-130	10.3	30	
m,p-Xylenes	44.2	1.0	ug/L	40.0		110	70-130	10.4	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
Blank (B3K2803-BLK1)										
Prepared & Analyzed: 11/28/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control									
<i>Batch B3K2803 - EPA 5030B</i>									
Blank (B3K2803-BLK1) Continued					Prepared & Analyzed: 11/28/23				
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L						
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L						
1,2-Dichloropropane	<0.50	0.50	ug/L						
2,2-Dichloropropane	<0.50	0.50	ug/L						
1,3-Dichloropropane	<0.50	0.50	ug/L						
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L						
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L						
1,1-Dichloropropylene	<0.50	0.50	ug/L						
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L						
Ethylbenzene	<0.50	0.50	ug/L						
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L						
Hexachlorobutadiene	<1.0	1.0	ug/L						
2-Hexanone (MBK)	<20	20	ug/L						
Isopropylbenzene	<0.50	0.50	ug/L						
4-Isopropyltoluene	<1.0	1.0	ug/L						
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L						
Methylene Chloride	<5.0	5.0	ug/L						
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L						
Naphthalene	<2.0	2.0	ug/L						
n-Propylbenzene	<0.50	0.50	ug/L						
Styrene	<0.50	0.50	ug/L						
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L						
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L						
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L						
Toluene	<0.50	0.50	ug/L						
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L						
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L						
1,1,1-Trichloroethane	<0.50	0.50	ug/L						
1,1,2-Trichloroethane	<0.50	0.50	ug/L						
Trichloroethylene (TCE)	<0.50	0.50	ug/L						
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L						
1,2,3-Trichloropropane	<0.50	0.50	ug/L						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
Blank (B3K2803-BLK1) Continued										
Prepared & Analyzed: 11/28/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.8</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>51.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>83-134</i>			
LCS (B3K2803-BS1)										
Prepared & Analyzed: 11/28/23										
Acetone	20.5	50	ug/L	20.0		103	27-123			
tert-Amyl-Methyl Ether (TAME)	20.5	2.0	ug/L	20.0		103	58-133			
Benzene	21.0	0.50	ug/L	20.0		105	60-134			
Bromobenzene	21.7	0.50	ug/L	20.0		109	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	21.5	0.50	ug/L	20.0		107	74-135			
Bromoform	20.9	0.50	ug/L	20.0		104	68-132			
Bromomethane	19.7	0.50	ug/L	20.0		98.4	58-142			
2-Butanone (MEK)	21.2	20	ug/L	20.0		106	62-138			
tert-Butyl Alcohol (TBA)	115	10	ug/L	100		115	65-148			
sec-Butylbenzene	20.6	0.50	ug/L	20.0		103	84-142			
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Carbon Disulfide	17.6	0.50	ug/L	20.0		87.9	17-177			
Carbon Tetrachloride	20.0	0.50	ug/L	20.0		100	66-155			
Chlorobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Chloroethane	21.3	0.50	ug/L	20.0		107	45-166			
Chloroform	21.8	0.50	ug/L	20.0		109	71-131			
Chloromethane	20.7	0.50	ug/L	20.0		103	48-152			
2-Chlorotoluene	21.1	0.50	ug/L	20.0		106	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
LCS (B3K2803-BS1) Continued										
Prepared & Analyzed: 11/28/23										
4-Chlorotoluene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dibromo-3-chloropropane	20.9	1.0	ug/L	20.0		105	53-145			
Dibromochloromethane	21.2	0.50	ug/L	20.0		106	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	21.5	0.50	ug/L	20.0		107	68-124			
1,3-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130			
1,2-Dichlorobenzene	21.7	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130			
Dichlorodifluoromethane (R12)	18.7	0.50	ug/L	20.0		93.4	16-148			
1,1-Dichloroethane	21.4	0.50	ug/L	20.0		107	67-120			
1,2-Dichloroethane (EDC)	21.8	0.50	ug/L	20.0		109	57-156			
1,1-Dichloroethylene	20.4	0.50	ug/L	20.0		102	50-149			
trans-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0		105	66-126			
cis-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	19.6	0.50	ug/L	20.0		98.2	53-139			
2,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	44-162			
1,3-Dichloropropane	20.9	0.50	ug/L	20.0		104	79-113			
cis-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	67-127			
trans-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0		109	76-121			
1,1-Dichloropropylene	20.3	0.50	ug/L	20.0		102	84-124			
Diisopropyl ether (DIPE)	20.5	2.0	ug/L	20.0		103	51-136			
Ethylbenzene	21.4	0.50	ug/L	20.0		107	86-124			
Ethyl-tert-Butyl Ether (ETBE)	21.8	2.0	ug/L	20.0		109	62-136			
Hexachlorobutadiene	20.0	1.0	ug/L	20.0		99.9	76-140			
2-Hexanone (MBK)	19.7	20	ug/L	20.0		98.6	52-123			
Isopropylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
4-Isopropyltoluene	20.5	1.0	ug/L	20.0		102	70-130			
Methyl-tert-Butyl Ether (MTBE)	46.3	1.2	ug/L	40.0		116	58-144			
Methylene Chloride	24.5	5.0	ug/L	20.0		122	50-135			
4-Methyl-2-pentanone (MIBK)	22.1	20	ug/L	20.0		110	49-139			
Naphthalene	19.7	2.0	ug/L	20.0		98.6	74-128			
n-Propylbenzene	21.2	0.50	ug/L	20.0		106	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
LCS (B3K2803-BS1) Continued										
Prepared & Analyzed: 11/28/23										
Styrene	20.9	0.50	ug/L	20.0		105	84-123			
1,1,1,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	70-130			
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0		114	58-126			
Tetrachloroethylene (PCE)	20.2	0.50	ug/L	20.0		101	70-130			
Toluene	20.1	0.50	ug/L	20.0		100	83-118			
1,2,3-Trichlorobenzene	21.5	0.50	ug/L	20.0		107	77-134			
1,2,4-Trichlorobenzene	21.4	0.50	ug/L	20.0		107	84-128			
1,1,1-Trichloroethane	20.3	0.50	ug/L	20.0		101	66-158			
1,1,2-Trichloroethane	21.8	0.50	ug/L	20.0		109	75-115			
Trichloroethylene (TCE)	20.7	0.50	ug/L	20.0		104	82-128			
Trichlorofluoromethane (R11)	19.3	0.50	ug/L	20.0		96.7	65-137			
1,2,3-Trichloropropane	22.0	0.50	ug/L	20.0		110	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.2	0.50	ug/L	20.0		91.2	62-130			
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		105	70-130			
Vinyl chloride	25.9	0.50	ug/L	20.0		130	51-151			
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130			
m,p-Xylenes	41.8	1.0	ug/L	40.0		104	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.3		ug/L	50.0		98.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	49.7		ug/L	50.0		99.5	68-137			
<i>Surrogate: Toluene-d8</i>	49.4		ug/L	50.0		98.7	83-134			
LCS Dup (B3K2803-BSD1)										
Prepared & Analyzed: 11/28/23										
Acetone	17.0	50	ug/L	20.0		85.2	27-123	18.6	30	
tert-Amyl-Methyl Ether (TAME)	19.1	2.0	ug/L	20.0		95.6	58-133	7.01	30	
Benzene	19.7	0.50	ug/L	20.0		98.7	60-134	6.38	30	
Bromobenzene	21.1	0.50	ug/L	20.0		106	70-130	2.80	30	
Bromochloromethane	19.8	0.50	ug/L	20.0		99.0	78-121	7.35	30	
Bromodichloromethane	19.9	0.50	ug/L	20.0		99.6	74-135	7.59	30	
Bromoform	18.7	0.50	ug/L	20.0		93.4	68-132	11.1	30	
Bromomethane	17.5	0.50	ug/L	20.0		87.3	58-142	12.0	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
LCS Dup (B3K2803-BSD1) Continued										
Prepared & Analyzed: 11/28/23										
2-Butanone (MEK)	18.3	20	ug/L	20.0		91.7	62-138	14.7	30	
tert-Butyl Alcohol (TBA)	88.0	10	ug/L	100		88.0	65-148	26.8	30	
sec-Butylbenzene	19.8	0.50	ug/L	20.0		99.0	84-142	3.76	30	
tert-Butylbenzene	20.1	0.50	ug/L	20.0		101	70-130	3.37	30	
n-Butylbenzene	19.9	0.50	ug/L	20.0		99.4	70-130	7.23	30	
Carbon Disulfide	17.3	0.50	ug/L	20.0		86.6	17-177	1.43	30	
Carbon Tetrachloride	18.8	0.50	ug/L	20.0		94.2	66-155	6.17	30	
Chlorobenzene	19.9	0.50	ug/L	20.0		99.6	70-130	5.57	30	
Chloroethane	19.0	0.50	ug/L	20.0		94.8	45-166	11.7	30	
Chloroform	20.4	0.50	ug/L	20.0		102	71-131	6.44	30	
Chloromethane	17.8	0.50	ug/L	20.0		89.0	48-152	14.9	30	
2-Chlorotoluene	19.9	0.50	ug/L	20.0		99.4	70-130	6.00	30	
4-Chlorotoluene	20.1	0.50	ug/L	20.0		100	70-130	6.37	30	
1,2-Dibromo-3-chloropropane	19.7	1.0	ug/L	20.0		98.4	53-145	6.11	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.5	72-133	8.17	30	
1,2-Dibromoethane (EDB)	19.6	0.50	ug/L	20.0		97.8	79-120	9.22	30	
Dibromomethane	19.8	0.50	ug/L	20.0		99.2	68-124	7.94	30	
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		98.9	70-130	5.03	30	
1,2-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130	5.97	30	
1,4-Dichlorobenzene	19.9	0.50	ug/L	20.0		99.7	70-130	6.13	30	
Dichlorodifluoromethane (R12)	16.1	0.50	ug/L	20.0		80.6	16-148	14.6	30	
1,1-Dichloroethane	20.2	0.50	ug/L	20.0		101	67-120	6.06	30	
1,2-Dichloroethane (EDC)	19.9	0.50	ug/L	20.0		99.4	57-156	9.03	30	
1,1-Dichloroethylene	19.9	0.50	ug/L	20.0		99.3	50-149	2.88	30	
trans-1,2-Dichloroethylene	19.2	0.50	ug/L	20.0		96.1	66-126	8.90	30	
cis-1,2-Dichloroethylene	19.2	0.50	ug/L	20.0		96.0	70-124	6.45	30	
1,2-Dichloropropane	19.2	0.50	ug/L	20.0		96.2	53-139	2.06	30	
2,2-Dichloropropane	18.0	0.50	ug/L	20.0		89.8	44-162	12.9	30	
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	79-113	8.69	30	
cis-1,3-Dichloropropylene	19.7	0.50	ug/L	20.0		98.4	67-127	9.25	30	
trans-1,3-Dichloropropylene	19.4	0.50	ug/L	20.0		97.1	76-121	11.6	30	
1,1-Dichloropropylene	19.0	0.50	ug/L	20.0		95.2	84-124	6.50	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
LCS Dup (B3K2803-BSD1) Continued										
Prepared & Analyzed: 11/28/23										
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.6	51-136	4.07	30	
Ethylbenzene	20.3	0.50	ug/L	20.0		102	86-124	5.14	30	
Ethyl-tert-Butyl Ether (ETBE)	20.8	2.0	ug/L	20.0		104	62-136	4.42	30	
Hexachlorobutadiene	18.2	1.0	ug/L	20.0		91.0	76-140	9.32	30	
2-Hexanone (MBK)	17.5	20	ug/L	20.0		87.4	52-123	11.9	30	
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130	3.38	30	
4-Isopropyltoluene	19.5	1.0	ug/L	20.0		97.3	70-130	5.11	30	
Methyl-tert-Butyl Ether (MTBE)	42.6	1.2	ug/L	40.0		106	58-144	8.28	30	
Methylene Chloride	19.9	5.0	ug/L	20.0		99.4	50-135	20.7	30	
4-Methyl-2-pentanone (MIBK)	19.5	20	ug/L	20.0		97.7	49-139	12.2	30	
Naphthalene	19.3	2.0	ug/L	20.0		96.3	74-128	2.36	30	
n-Propylbenzene	20.3	0.50	ug/L	20.0		102	70-130	4.28	30	
Styrene	19.7	0.50	ug/L	20.0		98.5	84-123	6.05	30	
1,1,1,2-Tetrachloroethane	19.4	0.50	ug/L	20.0		97.0	70-130	6.05	30	
1,1,2,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	58-126	12.1	30	
Tetrachloroethylene (PCE)	19.1	0.50	ug/L	20.0		95.3	70-130	5.81	30	
Toluene	19.6	0.50	ug/L	20.0		98.2	83-118	2.21	30	
1,2,3-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.4	77-134	7.79	30	
1,2,4-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.4	84-128	7.55	30	
1,1,1-Trichloroethane	18.7	0.50	ug/L	20.0		93.5	66-158	8.16	30	
1,1,2-Trichloroethane	19.8	0.50	ug/L	20.0		99.0	75-115	9.85	30	
Trichloroethylene (TCE)	19.3	0.50	ug/L	20.0		96.6	82-128	7.04	30	
Trichlorofluoromethane (R11)	19.5	0.50	ug/L	20.0		97.4	65-137	0.721	30	
1,2,3-Trichloropropane	18.5	0.50	ug/L	20.0		92.4	68-123	17.3	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.3	0.50	ug/L	20.0		86.7	62-130	5.00	30	
1,3,5-Trimethylbenzene	20.4	0.50	ug/L	20.0		102	70-130	4.12	30	
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		100	70-130	5.01	30	
Vinyl chloride	20.0	0.50	ug/L	20.0		100	51-151	25.7	30	
o-Xylene	19.8	0.50	ug/L	20.0		98.8	70-130	4.94	30	
m,p-Xylenes	40.2	1.0	ug/L	40.0		100	70-130	3.98	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2803 - EPA 5030B

LCS Dup (B3K2803-BSD1) Continued

Prepared & Analyzed: 11/28/23

Surrogate: 4-Bromofluorobenzene	50.1		ug/L	50.0		100	80-129			
Surrogate: Dibromofluoromethane	49.9		ug/L	50.0		99.8	68-137			
Surrogate: Toluene-d8	50.0		ug/L	50.0		100	83-134			

Matrix Spike (B3K2803-MS1)

Source: 3K14015-03 Prepared & Analyzed: 11/28/23

Acetone	28.4	50	ug/L	20.0	<50	142	11-169			
tert-Amyl-Methyl Ether (TAME)	19.2	2.0	ug/L	20.0	<2.0	95.9	66-133			
Benzene	20.4	0.50	ug/L	20.0	<0.50	102	56-135			
Bromobenzene	21.8	0.50	ug/L	20.0	<0.50	109	70-130			
Bromochloromethane	20.4	0.50	ug/L	20.0	<0.50	102	74-125			
Bromodichloromethane	20.6	0.50	ug/L	20.0	<0.50	103	68-144			
Bromoform	20.2	0.50	ug/L	20.0	<0.50	101	68-151			
Bromomethane	16.2	0.50	ug/L	20.0	<0.50	81.2	54-142			
2-Butanone (MEK)	20.5	20	ug/L	20.0	<20	103	62-145			
tert-Butyl Alcohol (TBA)	91.1	10	ug/L	100	<10	91.1	73-162			
sec-Butylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	84-145			
tert-Butylbenzene	20.5	0.50	ug/L	20.0	<0.50	103	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130			
Carbon Disulfide	18.9	0.50	ug/L	20.0	0.320	92.7	28-151			
Carbon Tetrachloride	19.6	0.50	ug/L	20.0	<0.50	98.2	58-164			
Chlorobenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130			
Chloroethane	18.3	0.50	ug/L	20.0	<0.50	91.4	42-164			
Chloroform	20.6	0.50	ug/L	20.0	<0.50	103	65-138			
Chloromethane	20.1	0.50	ug/L	20.0	<0.50	100	50-152			
2-Chlorotoluene	21.1	0.50	ug/L	20.0	<0.50	105	70-130			
4-Chlorotoluene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0	<1.0	103	53-161			
Dibromochloromethane	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
1,2-Dibromoethane (EDB)	20.9	0.50	ug/L	20.0	<0.50	104	76-130			
Dibromomethane	20.5	0.50	ug/L	20.0	<0.50	102	62-135			
1,3-Dichlorobenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
1,2-Dichlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
1,4-Dichlorobenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
Matrix Spike (B3K2803-MS1) Continued Source: 3K14015-03 Prepared & Analyzed: 11/28/23										
Dichlorodifluoromethane (R12)	15.8	0.50	ug/L	20.0	<0.50	79.1	17-153			
1,1-Dichloroethane	20.4	0.50	ug/L	20.0	<0.50	102	55-131			
1,2-Dichloroethane (EDC)	20.0	0.50	ug/L	20.0	<0.50	100	52-168			
1,1-Dichloroethylene	20.9	0.50	ug/L	20.0	<0.50	104	51-140			
trans-1,2-Dichloroethylene	20.0	0.50	ug/L	20.0	<0.50	100	59-127			
cis-1,2-Dichloroethylene	19.8	0.50	ug/L	20.0	<0.50	99.2	70-130			
1,2-Dichloropropane	19.4	0.50	ug/L	20.0	<0.50	97.0	52-142			
2,2-Dichloropropane	18.3	0.50	ug/L	20.0	<0.50	91.3	36-168			
1,3-Dichloropropane	20.7	0.50	ug/L	20.0	<0.50	103	80-121			
cis-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0	<0.50	102	66-130			
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0	<0.50	103	78-130			
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0	<0.50	98.2	76-132			
Diisopropyl ether (DIPE)	20.0	2.0	ug/L	20.0	<2.0	100	52-138			
Ethylbenzene	21.8	0.50	ug/L	20.0	<0.50	109	86-128			
Ethyl-tert-Butyl Ether (ETBE)	20.3	2.0	ug/L	20.0	<2.0	101	64-137			
Hexachlorobutadiene	17.9	1.0	ug/L	20.0	<1.0	89.4	70-130			
2-Hexanone (MBK)	19.4	20	ug/L	20.0	<20	97.2	52-141			
Isopropylbenzene	21.1	0.50	ug/L	20.0	<0.50	106	70-130			
4-Isopropyltoluene	20.2	1.0	ug/L	20.0	<1.0	101	83-149			
Methyl-tert-Butyl Ether (MTBE)	40.5	1.2	ug/L	40.0	<1.2	101	56-150			
Methylene Chloride	19.7	5.0	ug/L	20.0	<5.0	98.4	70-130			
4-Methyl-2-pentanone (MIBK)	19.7	20	ug/L	20.0	<20	98.6	60-148			
Naphthalene	19.4	2.0	ug/L	20.0	<2.0	96.8	70-130			
n-Propylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130			
Styrene	20.9	0.50	ug/L	20.0	<0.50	105	65-141			
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0	<0.50	102	70-130			
1,1,2,2-Tetrachloroethane	21.2	0.50	ug/L	20.0	<0.50	106	62-134			
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0	<0.50	103	70-130			
Toluene	21.0	0.50	ug/L	20.0	<0.50	105	81-123			
1,2,3-Trichlorobenzene	19.2	0.50	ug/L	20.0	<0.50	95.8	73-144			
1,2,4-Trichlorobenzene	19.6	0.50	ug/L	20.0	<0.50	98.0	80-137			
1,1,1-Trichloroethane	19.7	0.50	ug/L	20.0	<0.50	98.5	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
Matrix Spike (B3K2803-MS1) Continued Source: 3K14015-03 Prepared & Analyzed: 11/28/23										
1,1,2-Trichloroethane	21.2	0.50	ug/L	20.0	<0.50	106	76-122			
Trichloroethylene (TCE)	20.4	0.50	ug/L	20.0	<0.50	102	72-136			
Trichlorofluoromethane (R11)	16.2	0.50	ug/L	20.0	<0.50	81.0	59-144			
1,2,3-Trichloropropane	20.1	0.50	ug/L	20.0	<0.50	101	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.0	0.50	ug/L	20.0	<0.50	84.9	62-126			
1,3,5-Trimethylbenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130			
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0	<0.50	105	89-134			
Vinyl chloride	20.6	0.50	ug/L	20.0	<0.50	103	54-150			
o-Xylene	20.8	0.50	ug/L	20.0	<0.50	104	70-130			
m,p-Xylenes	43.0	1.0	ug/L	40.0	<1.0	107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.2		ug/L	50.0		98.4	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.3		ug/L	50.0		96.6	68-137			
<i>Surrogate: Toluene-d8</i>	50.2		ug/L	50.0		100	83-134			
Matrix Spike Dup (B3K2803-MSD1) Source: 3K14015-03 Prepared & Analyzed: 11/28/23										
Acetone	46.6	50	ug/L	20.0	<50	233	11-169	48.6	30	QM-07
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0	<2.0	114	66-133	17.0	30	
Benzene	21.3	0.50	ug/L	20.0	<0.50	107	56-135	4.61	30	
Bromobenzene	22.3	0.50	ug/L	20.0	<0.50	111	70-130	2.13	30	
Bromochloromethane	23.1	0.50	ug/L	20.0	<0.50	115	74-125	12.1	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0	<0.50	112	68-144	8.65	30	
Bromoform	22.6	0.50	ug/L	20.0	<0.50	113	68-151	11.2	30	
Bromomethane	21.8	0.50	ug/L	20.0	<0.50	109	54-142	29.3	30	
2-Butanone (MEK)	25.2	20	ug/L	20.0	<20	126	62-145	20.3	30	
tert-Butyl Alcohol (TBA)	152	10	ug/L	100	<10	152	73-162	50.3	30	
sec-Butylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	84-145	1.04	30	
tert-Butylbenzene	20.3	0.50	ug/L	20.0	<0.50	101	70-130	1.37	30	
n-Butylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	0.829	30	
Carbon Disulfide	18.9	0.50	ug/L	20.0	0.320	92.7	28-151	0.00	30	
Carbon Tetrachloride	20.2	0.50	ug/L	20.0	<0.50	101	58-164	2.76	30	
Chlorobenzene	21.1	0.50	ug/L	20.0	<0.50	106	70-130	0.522	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
Matrix Spike Dup (B3K2803-MSD1) Source: 3K14015-03 Prepared & Analyzed: 11/28/23										
Continued										
Chloroethane	21.8	0.50	ug/L	20.0	<0.50	109	42-164	17.3	30	
Chloroform	22.1	0.50	ug/L	20.0	<0.50	111	65-138	7.02	30	
Chloromethane	22.5	0.50	ug/L	20.0	<0.50	113	50-152	11.4	30	
2-Chlorotoluene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	1.63	30	
4-Chlorotoluene	21.1	0.50	ug/L	20.0	<0.50	105	70-130	0.709	30	
1,2-Dibromo-3-chloropropane	25.1	1.0	ug/L	20.0	<1.0	126	53-161	19.8	30	
Dibromochloromethane	22.0	0.50	ug/L	20.0	<0.50	110	70-130	5.69	30	
1,2-Dibromoethane (EDB)	23.0	0.50	ug/L	20.0	<0.50	115	76-130	9.71	30	
Dibromomethane	23.8	0.50	ug/L	20.0	<0.50	119	62-135	15.0	30	
1,3-Dichlorobenzene	21.1	0.50	ug/L	20.0	<0.50	106	70-130	1.38	30	
1,2-Dichlorobenzene	22.1	0.50	ug/L	20.0	<0.50	111	70-130	4.10	30	
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0	<0.50	106	70-130	1.33	30	
Dichlorodifluoromethane (R12)	18.2	0.50	ug/L	20.0	<0.50	91.0	17-153	13.9	30	
1,1-Dichloroethane	21.6	0.50	ug/L	20.0	<0.50	108	55-131	5.61	30	
1,2-Dichloroethane (EDC)	22.5	0.50	ug/L	20.0	<0.50	113	52-168	11.8	30	
1,1-Dichloroethylene	21.3	0.50	ug/L	20.0	<0.50	107	51-140	2.23	30	
trans-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0	<0.50	105	59-127	5.07	30	
cis-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0	<0.50	106	70-130	6.29	30	
1,2-Dichloropropane	21.3	0.50	ug/L	20.0	<0.50	106	52-142	9.29	30	
2,2-Dichloropropane	18.9	0.50	ug/L	20.0	<0.50	94.6	36-168	3.60	30	
1,3-Dichloropropane	22.1	0.50	ug/L	20.0	<0.50	110	80-121	6.50	30	
cis-1,3-Dichloropropylene	22.3	0.50	ug/L	20.0	<0.50	111	66-130	9.05	30	
trans-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0	<0.50	109	78-130	6.04	30	
1,1-Dichloropropylene	20.4	0.50	ug/L	20.0	<0.50	102	76-132	3.94	30	
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0	<2.0	110	52-138	9.64	30	
Ethylbenzene	21.4	0.50	ug/L	20.0	<0.50	107	86-128	1.94	30	
Ethyl-tert-Butyl Ether (ETBE)	23.7	2.0	ug/L	20.0	<2.0	118	64-137	15.6	30	
Hexachlorobutadiene	18.6	1.0	ug/L	20.0	<1.0	92.8	70-130	3.79	30	
2-Hexanone (MBK)	23.2	20	ug/L	20.0	<20	116	52-141	17.6	30	
Isopropylbenzene	20.6	0.50	ug/L	20.0	<0.50	103	70-130	2.49	30	
4-Isopropyltoluene	19.9	1.0	ug/L	20.0	<1.0	99.5	83-149	1.45	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2803 - EPA 5030B</i>										
Matrix Spike Dup (B3K2803-MSD1) Source: 3K14015-03 Prepared & Analyzed: 11/28/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	46.0	1.2	ug/L	40.0	<1.2	115	56-150	12.9	30	
Methylene Chloride	21.3	5.0	ug/L	20.0	<5.0	106	70-130	7.82	30	
4-Methyl-2-pentanone (MIBK)	25.5	20	ug/L	20.0	<20	128	60-148	25.6	30	
Naphthalene	23.5	2.0	ug/L	20.0	<2.0	118	70-130	19.3	30	
n-Propylbenzene	20.9	0.50	ug/L	20.0	<0.50	105	70-130	1.94	30	
Styrene	20.5	0.50	ug/L	20.0	<0.50	103	65-141	1.93	30	
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0	<0.50	106	70-130	3.13	30	
1,1,2,2-Tetrachloroethane	24.4	0.50	ug/L	20.0	<0.50	122	62-134	14.0	30	
Tetrachloroethylene (PCE)	20.1	0.50	ug/L	20.0	<0.50	100	70-130	2.95	30	
Toluene	20.5	0.50	ug/L	20.0	<0.50	102	81-123	2.37	30	
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0	<0.50	112	73-144	15.2	30	
1,2,4-Trichlorobenzene	21.8	0.50	ug/L	20.0	<0.50	109	80-137	10.6	30	
1,1,1-Trichloroethane	20.3	0.50	ug/L	20.0	<0.50	102	62-164	3.00	30	
1,1,2-Trichloroethane	23.0	0.50	ug/L	20.0	<0.50	115	76-122	8.08	30	
Trichloroethylene (TCE)	21.4	0.50	ug/L	20.0	<0.50	107	72-136	4.98	30	
Trichlorofluoromethane (R11)	19.6	0.50	ug/L	20.0	<0.50	97.8	59-144	18.8	30	
1,2,3-Trichloropropane	23.0	0.50	ug/L	20.0	<0.50	115	69-135	13.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.8	0.50	ug/L	20.0	<0.50	89.0	62-126	4.66	30	
1,3,5-Trimethylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	1.66	30	
1,2,4-Trimethylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	89-134	3.28	30	
Vinyl chloride	23.9	0.50	ug/L	20.0	<0.50	119	54-150	14.5	30	
o-Xylene	21.1	0.50	ug/L	20.0	<0.50	105	70-130	1.43	30	
m,p-Xylenes	42.3	1.0	ug/L	40.0	<1.0	106	70-130	1.62	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.1</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>48.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.6</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K1621 - EPA 3510C

Blank (B3K1621-BLK1)

Prepared: 11/16/23 Analyzed: 11/20/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K1621 - EPA 3510C</i>										
Blank (B3K1621-BLK1) Continued Prepared: 11/16/23 Analyzed: 11/20/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0419</i>		<i>mg/L</i>	<i>0.0400</i>		<i>105</i>	<i>50-150</i>			
LCS (B3K1621-BS1) Prepared: 11/16/23 Analyzed: 11/20/23										
Diesel Range Organics as Diesel	0.530	0.10	mg/L	0.800		66.3	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0311</i>		<i>mg/L</i>	<i>0.0400</i>		<i>77.8</i>	<i>50-150</i>			
LCS Dup (B3K1621-BSD1) Prepared: 11/16/23 Analyzed: 11/20/23										
Diesel Range Organics as Diesel	0.597	0.10	mg/L	0.800		74.6	36-132	11.8	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0363</i>		<i>mg/L</i>	<i>0.0400</i>		<i>90.8</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K2015 - *** DEFAULT PREP ***</i>										
Blank (B3K2015-BLK1) Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>49.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.6</i>	<i>80-120</i>			
LCS (B3K2015-BS1) Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	532	100	ug/L	500		106	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>54.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>80-120</i>			
LCS Dup (B3K2015-BSD1) Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	423	100	ug/L	500		84.6	75-125	22.9	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.5</i>	<i>80-120</i>			
Matrix Spike (B3K2015-MS1) Source: 3K14015-03 Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	484	100	ug/L	500	<100	96.9	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-120</i>			
Matrix Spike Dup (B3K2015-MSD1) Source: 3K14015-03 Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	454	100	ug/L	500	<100	90.7	70-130	6.52	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.9</i>	<i>80-120</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335348
Date Received: 11/14/23
Date Reported: 12/11/23

Special Notes

- [1] = **D-35** : Sample does not display a fuel pattern. Sample contains several discrete peaks.
- [2] = **QM-07** : The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS or LCSD recovery.

A handwritten signature in black ink, appearing to read 'V. Vasile'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335349 / 3K14016**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/14/23 18:44 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', is written over a light blue horizontal line.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K14016-01	Water	5	11/13/23 06:00	11/14/23 18:44
QCEB-1	3K14016-02	Water	5	11/13/23 07:45	11/14/23 18:44

8260B+OXYGENATES

TF-24	3K14016-03	Water	5	11/13/23 08:15	11/14/23 18:44
GMW-15	3K14016-04	Water	5	11/13/23 08:55	11/14/23 18:44
DUP-6	3K14016-05	Water	5	11/13/23 00:00	11/14/23 18:44
GMW-31	3K14016-06	Water	5	11/13/23 09:40	11/14/23 18:44
GMW-18	3K14016-07	Water	5	11/13/23 10:15	11/14/23 18:44
GMW-43	3K14016-08	Water	5	11/13/23 10:50	11/14/23 18:44
GMW-12	3K14016-09	Water	5	11/13/23 11:30	11/14/23 18:44
MW-29	3K14016-10	Water	5	11/13/23 12:05	11/14/23 18:44
TF-23	3K14016-11	Water	5	11/13/23 12:40	11/14/23 18:44
TF-21	3K14016-12	Water	5	11/13/23 13:15	11/14/23 18:44
TF-20R	3K14016-13	Water	5	11/13/23 13:50	11/14/23 18:44
GMW-59	3K14016-14	Water	5	11/13/23 14:25	11/14/23 18:44

Diesel Range Organics 8015M

QCEB-1	3K14016-02	Water	5	11/13/23 07:45	11/14/23 18:44
TF-24	3K14016-03	Water	5	11/13/23 08:15	11/14/23 18:44

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-15	3K14016-04	Water	5	11/13/23 08:55	11/14/23 18:44
DUP-6	3K14016-05	Water	5	11/13/23 00:00	11/14/23 18:44
GMW-31	3K14016-06	Water	5	11/13/23 09:40	11/14/23 18:44
GMW-18	3K14016-07	Water	5	11/13/23 10:15	11/14/23 18:44
GMW-43	3K14016-08	Water	5	11/13/23 10:50	11/14/23 18:44
GMW-12	3K14016-09	Water	5	11/13/23 11:30	11/14/23 18:44
MW-29	3K14016-10	Water	5	11/13/23 12:05	11/14/23 18:44
TF-23	3K14016-11	Water	5	11/13/23 12:40	11/14/23 18:44
TF-21	3K14016-12	Water	5	11/13/23 13:15	11/14/23 18:44
TF-20R	3K14016-13	Water	5	11/13/23 13:50	11/14/23 18:44
GMW-59	3K14016-14	Water	5	11/13/23 14:25	11/14/23 18:44

Gasoline Range Organics 8015M

TF-24	3K14016-03	Water	5	11/13/23 08:15	11/14/23 18:44
GMW-15	3K14016-04	Water	5	11/13/23 08:55	11/14/23 18:44
DUP-6	3K14016-05	Water	5	11/13/23 00:00	11/14/23 18:44
GMW-31	3K14016-06	Water	5	11/13/23 09:40	11/14/23 18:44
GMW-18	3K14016-07	Water	5	11/13/23 10:15	11/14/23 18:44
GMW-43	3K14016-08	Water	5	11/13/23 10:50	11/14/23 18:44
GMW-12	3K14016-09	Water	5	11/13/23 11:30	11/14/23 18:44
MW-29	3K14016-10	Water	5	11/13/23 12:05	11/14/23 18:44

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
TF-23	3K14016-11	Water	5	11/13/23 12:40	11/14/23 18:44
TF-21	3K14016-12	Water	5	11/13/23 13:15	11/14/23 18:44
TF-20R	3K14016-13	Water	5	11/13/23 13:50	11/14/23 18:44
GMW-59	3K14016-14	Water	5	11/13/23 14:25	11/14/23 18:44

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	
Date Analyzed:	11/22/23	11/22/23	
AA ID No:	3K14016-01	3K14016-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	
Date Analyzed:	11/22/23	11/22/23	
AA ID No:	3K14016-01	3K14016-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	
Date Analyzed:	11/22/23	11/22/23	
AA ID No:	3K14016-01	3K14016-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	99%	100%	80-129
Dibromofluoromethane	96%	100%	68-137
Toluene-d8	104%	104%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335349
Project No:	091-NOR-001	Date Received:	11/14/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	VOCs & OXYGENATES by GC/MS	Units:	ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	11/22/23	11/22/23	
Date Analyzed:	11/22/23	11/22/23	11/22/23	11/22/23	
AA ID No:	3K14016-03	3K14016-04	3K14016-05	3K14016-06	
Client ID No:	TF-24	GMW-15	DUP-6	GMW-31	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.52	1.9	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23
Date Prepared:	11/22/23	11/22/23	11/22/23	11/22/23
Date Analyzed:	11/22/23	11/22/23	11/22/23	11/22/23
AA ID No:	3K14016-03	3K14016-04	3K14016-05	3K14016-06
Client ID No:	TF-24	GMW-15	DUP-6	GMW-31
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

	11/13/23	11/13/23	11/13/23	11/13/23	
Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	11/22/23	11/22/23	
Date Analyzed:	11/22/23	11/22/23	11/22/23	11/22/23	
AA ID No:	3K14016-03	3K14016-04	3K14016-05	3K14016-06	
Client ID No:	TF-24	GMW-15	DUP-6	GMW-31	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	99%	100%	99%	101%	80-129
Dibromofluoromethane	100%	99%	99%	101%	68-137
Toluene-d8	100%	102%	102%	100%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	11/22/23	11/27/23	
Date Analyzed:	11/22/23	11/22/23	11/22/23	11/27/23	
AA ID No:	3K14016-07	3K14016-08	3K14016-09	3K14016-10	
Client ID No:	GMW-18	GMW-43	GMW-12	MW-29	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	0.58	<0.50	0.92	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335349
Project No:	091-NOR-001	Date Received:	11/14/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	VOCs & OXYGENATES by GC/MS	Units:	ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	11/22/23	11/27/23	
Date Analyzed:	11/22/23	11/22/23	11/22/23	11/27/23	
AA ID No:	3K14016-07	3K14016-08	3K14016-09	3K14016-10	
Client ID No:	GMW-18	GMW-43	GMW-12	MW-29	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/22/23	11/22/23	11/22/23	11/27/23	
Date Analyzed:	11/22/23	11/22/23	11/22/23	11/27/23	
AA ID No:	3K14016-07	3K14016-08	3K14016-09	3K14016-10	
Client ID No:	GMW-18	GMW-43	GMW-12	MW-29	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	100%	98%	100%	100%	80-129
Dibromofluoromethane	105%	105%	102%	100%	68-137
Toluene-d8	99%	102%	103%	103%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

	11/13/23	11/13/23	11/13/23	11/13/23	
Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/27/23	11/27/23	11/27/23	11/27/23	
Date Analyzed:	11/27/23	11/27/23	11/27/23	11/27/23	
AA ID No:	3K14016-11	3K14016-12	3K14016-13	3K14016-14	
Client ID No:	TF-23	TF-21	TF-20R	GMW-59	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	31	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/27/23	11/27/23	11/27/23	11/27/23	
Date Analyzed:	11/27/23	11/27/23	11/27/23	11/27/23	
AA ID No:	3K14016-11	3K14016-12	3K14016-13	3K14016-14	
Client ID No:	TF-23	TF-21	TF-20R	GMW-59	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/27/23	11/27/23	11/27/23	11/27/23	
Date Analyzed:	11/27/23	11/27/23	11/27/23	11/27/23	
AA ID No:	3K14016-11	3K14016-12	3K14016-13	3K14016-14	
Client ID No:	TF-23	TF-21	TF-20R	GMW-59	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	100%	102%	101%	100%	80-129
Dibromofluoromethane	102%	100%	99%	100%	68-137
Toluene-d8	102%	102%	102%	101%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335349
Project No:	091-NOR-001	Date Received:	11/14/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Diesel Range Organics by GC/FID	Units:	mg/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/16/23	11/16/23	11/16/23	11/16/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K14016-02	3K14016-03	3K14016-04	3K14016-05	
Client ID No:	QCEB-1	TF-24	GMW-15	DUP-6	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.10	0.22	0.27	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	137%	126%	124%	124%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/16/23	11/16/23	11/16/23	11/16/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K14016-06	3K14016-07	3K14016-08	3K14016-09	
Client ID No:	GMW-31	GMW-18	GMW-43	GMW-12	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.24	0.60	<0.10	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	126%	140%	129%	129%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/16/23	11/16/23	11/17/23	11/17/23	
Date Analyzed:	11/20/23	11/20/23	11/21/23	11/21/23	
AA ID No:	3K14016-10	3K14016-11	3K14016-12	3K14016-13	
Client ID No:	MW-29	TF-23	TF-21	TF-20R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	<0.10	<0.10	2.8	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	115%	148%	99%	88%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/13/23	
Date Prepared:	11/17/23	
Date Analyzed:	11/21/23	
AA ID No:	3K14016-14	
Client ID No:	GMW-59	
Matrix:	Water	
Dilution Factor:	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.10
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<u>Surrogates</u>		<u>%REC Limits</u>
o-Terphenyl	90%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335349
Project No:	091-NOR-001	Date Received:	11/14/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/20/23	11/20/23	11/21/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/21/23	11/20/23	
AA ID No:	3K14016-03	3K14016-04	3K14016-05	3K14016-06	
Client ID No:	TF-24	GMW-15	DUP-6	GMW-31	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	92%	94%	87%	92%	<u>%REC Limits</u> 80-120
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/20/23	11/20/23	11/20/23	11/20/23	
Date Analyzed:	11/20/23	11/20/23	11/20/23	11/20/23	
AA ID No:	3K14016-07	3K14016-08	3K14016-09	3K14016-10	
Client ID No:	GMW-18	GMW-43	GMW-12	MW-29	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	92%	88%	96%	96%	<u>%REC Limits</u> 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335349
Project No:	091-NOR-001	Date Received:	11/14/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/13/23	11/13/23	11/13/23	11/13/23	
Date Prepared:	11/20/23	11/20/23	11/21/23	11/21/23	
Date Analyzed:	11/20/23	11/20/23	11/21/23	11/21/23	
AA ID No:	3K14016-11	3K14016-12	3K14016-13	3K14016-14	
Client ID No:	TF-23	TF-21	TF-20R	GMW-59	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

					<u>%REC Limits</u>
a,a,a-Trifluorotoluene	86%	96%	89%	98%	80-120

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Blank (B3K2228-BLK1)										
Prepared & Analyzed: 11/22/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Blank (B3K2228-BLK1) Continued										
Prepared & Analyzed: 11/22/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Blank (B3K2228-BLK1) Continued										
Prepared & Analyzed: 11/22/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
LCS (B3K2228-BS1)										
Prepared & Analyzed: 11/22/23										
Acetone	24.0	50	ug/L	20.0		120	27-123			
tert-Amyl-Methyl Ether (TAME)	22.1	2.0	ug/L	20.0		110	58-133			
Benzene	22.3	0.50	ug/L	20.0		111	60-134			
Bromobenzene	23.4	0.50	ug/L	20.0		117	70-130			
Bromochloromethane	22.9	0.50	ug/L	20.0		114	78-121			
Bromodichloromethane	22.5	0.50	ug/L	20.0		113	74-135			
Bromoform	22.9	0.50	ug/L	20.0		115	68-132			
Bromomethane	18.9	0.50	ug/L	20.0		94.5	58-142			
2-Butanone (MEK)	23.4	20	ug/L	20.0		117	62-138			
tert-Butyl Alcohol (TBA)	119	10	ug/L	100		119	65-148			
sec-Butylbenzene	22.2	0.50	ug/L	20.0		111	84-142			
tert-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
n-Butylbenzene	22.7	0.50	ug/L	20.0		113	70-130			
Carbon Disulfide	20.2	0.50	ug/L	20.0		101	17-177			
Carbon Tetrachloride	21.0	0.50	ug/L	20.0		105	66-155			
Chlorobenzene	22.7	0.50	ug/L	20.0		114	70-130			
Chloroethane	20.2	0.50	ug/L	20.0		101	45-166			
Chloroform	22.9	0.50	ug/L	20.0		114	71-131			
Chloromethane	21.2	0.50	ug/L	20.0		106	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS (B3K2228-BS1) Continued										
Prepared & Analyzed: 11/22/23										
2-Chlorotoluene	22.6	0.50	ug/L	20.0		113	70-130			
4-Chlorotoluene	23.1	0.50	ug/L	20.0		115	70-130			
1,2-Dibromo-3-chloropropane	24.4	1.0	ug/L	20.0		122	53-145			
Dibromochloromethane	22.7	0.50	ug/L	20.0		113	72-133			
1,2-Dibromoethane (EDB)	23.9	0.50	ug/L	20.0		119	79-120			
Dibromomethane	23.9	0.50	ug/L	20.0		120	68-124			
1,3-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130			
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130			
1,4-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
Dichlorodifluoromethane (R12)	18.9	0.50	ug/L	20.0		94.7	16-148			
1,1-Dichloroethane	22.7	0.50	ug/L	20.0		113	67-120			
1,2-Dichloroethane (EDC)	22.1	0.50	ug/L	20.0		110	57-156			
1,1-Dichloroethylene	22.8	0.50	ug/L	20.0		114	50-149			
trans-1,2-Dichloroethylene	22.4	0.50	ug/L	20.0		112	66-126			
cis-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	70-124			
1,2-Dichloropropane	22.2	0.50	ug/L	20.0		111	53-139			
2,2-Dichloropropane	21.8	0.50	ug/L	20.0		109	44-162			
1,3-Dichloropropane	23.7	0.50	ug/L	20.0		119	79-113			QL-02
cis-1,3-Dichloropropylene	22.7	0.50	ug/L	20.0		114	67-127			
trans-1,3-Dichloropropylene	23.8	0.50	ug/L	20.0		119	76-121			
1,1-Dichloropropylene	21.7	0.50	ug/L	20.0		109	84-124			
Diisopropyl ether (DIPE)	22.2	2.0	ug/L	20.0		111	51-136			
Ethylbenzene	23.6	0.50	ug/L	20.0		118	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.9	2.0	ug/L	20.0		115	62-136			
Gasoline Range Organics (GRO)	521	100	ug/L	500		104	60-123			
Hexachlorobutadiene	21.0	1.0	ug/L	20.0		105	76-140			
2-Hexanone (MBK)	23.1	20	ug/L	20.0		116	52-123			
Isopropylbenzene	23.1	0.50	ug/L	20.0		115	70-130			
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.2	1.2	ug/L	40.0		120	58-144			
Methylene Chloride	22.1	5.0	ug/L	20.0		111	50-135			
4-Methyl-2-pentanone (MIBK)	24.3	20	ug/L	20.0		122	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS (B3K2228-BS1) Continued						Prepared & Analyzed: 11/22/23				
Naphthalene	21.9	2.0	ug/L	20.0		109	74-128			
n-Propylbenzene	23.3	0.50	ug/L	20.0		117	70-130			
Styrene	22.6	0.50	ug/L	20.0		113	84-123			
1,1,1,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	70-130			
1,1,2,2-Tetrachloroethane	24.6	0.50	ug/L	20.0		123	58-126			
Tetrachloroethylene (PCE)	22.4	0.50	ug/L	20.0		112	70-130			
Toluene	22.3	0.50	ug/L	20.0		111	83-118			
1,2,3-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	77-134			
1,2,4-Trichlorobenzene	22.7	0.50	ug/L	20.0		114	84-128			
1,1,1-Trichloroethane	20.9	0.50	ug/L	20.0		105	66-158			
1,1,2-Trichloroethane	23.8	0.50	ug/L	20.0		119	75-115			QL-02
Trichloroethylene (TCE)	22.3	0.50	ug/L	20.0		111	82-128			
Trichlorofluoromethane (R11)	18.8	0.50	ug/L	20.0		94.0	65-137			
1,2,3-Trichloropropane	23.5	0.50	ug/L	20.0		118	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130			
1,3,5-Trimethylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
1,2,4-Trimethylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
Vinyl chloride	22.5	0.50	ug/L	20.0		113	51-151			
o-Xylene	22.2	0.50	ug/L	20.0		111	70-130			
m,p-Xylenes	46.0	1.0	ug/L	40.0		115	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS Dup (B3K2228-BSD1)						Prepared & Analyzed: 11/22/23				
Acetone	17.2	50	ug/L	20.0		85.8	27-123	33.1	30	QR-02
tert-Amyl-Methyl Ether (TAME)	22.0	2.0	ug/L	20.0		110	58-133	0.136	30	
Benzene	21.2	0.50	ug/L	20.0		106	60-134	4.78	30	
Bromobenzene	23.1	0.50	ug/L	20.0		116	70-130	1.20	30	
Bromochloromethane	22.8	0.50	ug/L	20.0		114	78-121	0.613	30	
Bromodichloromethane	21.9	0.50	ug/L	20.0		109	74-135	3.02	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS Dup (B3K2228-BSD1) Continued										
Prepared & Analyzed: 11/22/23										
Bromoform	21.3	0.50	ug/L	20.0		106	68-132	7.42	30	
Bromomethane	19.6	0.50	ug/L	20.0		98.2	58-142	3.89	30	
2-Butanone (MEK)	22.0	20	ug/L	20.0		110	62-138	6.03	30	
tert-Butyl Alcohol (TBA)	111	10	ug/L	100		111	65-148	6.68	30	
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-142	2.79	30	
tert-Butylbenzene	21.7	0.50	ug/L	20.0		108	70-130	3.31	30	
n-Butylbenzene	21.3	0.50	ug/L	20.0		107	70-130	6.05	30	
Carbon Disulfide	17.6	0.50	ug/L	20.0		87.8	17-177	14.0	30	
Carbon Tetrachloride	20.2	0.50	ug/L	20.0		101	66-155	4.12	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		106	70-130	6.59	30	
Chloroethane	21.0	0.50	ug/L	20.0		105	45-166	4.03	30	
Chloroform	22.2	0.50	ug/L	20.0		111	71-131	3.15	30	
Chloromethane	19.5	0.50	ug/L	20.0		97.4	48-152	8.46	30	
2-Chlorotoluene	21.6	0.50	ug/L	20.0		108	70-130	4.43	30	
4-Chlorotoluene	21.9	0.50	ug/L	20.0		109	70-130	5.29	30	
1,2-Dibromo-3-chloropropane	22.3	1.0	ug/L	20.0		112	53-145	9.12	30	
Dibromochloromethane	21.4	0.50	ug/L	20.0		107	72-133	5.67	30	
1,2-Dibromoethane (EDB)	22.1	0.50	ug/L	20.0		111	79-120	7.65	30	
Dibromomethane	23.4	0.50	ug/L	20.0		117	68-124	2.03	30	
1,3-Dichlorobenzene	21.7	0.50	ug/L	20.0		109	70-130	3.79	30	
1,2-Dichlorobenzene	22.8	0.50	ug/L	20.0		114	70-130	1.35	30	
1,4-Dichlorobenzene	22.0	0.50	ug/L	20.0		110	70-130	3.00	30	
Dichlorodifluoromethane (R12)	18.0	0.50	ug/L	20.0		90.2	16-148	4.92	30	
1,1-Dichloroethane	21.8	0.50	ug/L	20.0		109	67-120	4.09	30	
1,2-Dichloroethane (EDC)	21.9	0.50	ug/L	20.0		110	57-156	0.772	30	
1,1-Dichloroethylene	20.7	0.50	ug/L	20.0		103	50-149	9.85	30	
trans-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	66-126	8.29	30	
cis-1,2-Dichloroethylene	20.9	0.50	ug/L	20.0		104	70-124	4.40	30	
1,2-Dichloropropane	21.6	0.50	ug/L	20.0		108	53-139	2.56	30	
2,2-Dichloropropane	18.4	0.50	ug/L	20.0		91.8	44-162	17.2	30	
1,3-Dichloropropane	21.9	0.50	ug/L	20.0		110	79-113	7.93	30	
cis-1,3-Dichloropropylene	22.0	0.50	ug/L	20.0		110	67-127	3.40	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS Dup (B3K2228-BSD1) Continued										
Prepared & Analyzed: 11/22/23										
trans-1,3-Dichloropropylene	21.1	0.50	ug/L	20.0		105	76-121	12.2	30	
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0		98.2	84-124	10.1	30	
Diisopropyl ether (DIPE)	22.0	2.0	ug/L	20.0		110	51-136	0.858	30	
Ethylbenzene	21.9	0.50	ug/L	20.0		110	86-124	7.60	30	
Ethyl-tert-Butyl Ether (ETBE)	22.9	2.0	ug/L	20.0		115	62-136	0.0872	30	
Gasoline Range Organics (GRO)	485	100	ug/L	500		97.1	60-123	7.12	30	
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.3	76-140	5.44	30	
2-Hexanone (MBK)	20.5	20	ug/L	20.0		102	52-123	12.0	30	
Isopropylbenzene	22.2	0.50	ug/L	20.0		111	70-130	3.84	30	
4-Isopropyltoluene	20.9	1.0	ug/L	20.0		104	70-130	4.22	30	
Methyl-tert-Butyl Ether (MTBE)	46.9	1.2	ug/L	40.0		117	58-144	2.67	30	
Methylene Chloride	24.6	5.0	ug/L	20.0		123	50-135	10.8	30	
4-Methyl-2-pentanone (MIBK)	23.1	20	ug/L	20.0		116	49-139	4.93	30	
Naphthalene	22.0	2.0	ug/L	20.0		110	74-128	0.319	30	
n-Propylbenzene	22.2	0.50	ug/L	20.0		111	70-130	5.01	30	
Styrene	21.4	0.50	ug/L	20.0		107	84-123	5.68	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		106	70-130	1.54	30	
1,1,2,2-Tetrachloroethane	22.7	0.50	ug/L	20.0		114	58-126	7.98	30	
Tetrachloroethylene (PCE)	19.8	0.50	ug/L	20.0		99.1	70-130	12.3	30	
Toluene	20.3	0.50	ug/L	20.0		102	83-118	9.30	30	
1,2,3-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	77-134	2.60	30	
1,2,4-Trichlorobenzene	22.1	0.50	ug/L	20.0		110	84-128	2.81	30	
1,1,1-Trichloroethane	19.9	0.50	ug/L	20.0		99.4	66-158	5.20	30	
1,1,2-Trichloroethane	22.6	0.50	ug/L	20.0		113	75-115	5.17	30	
Trichloroethylene (TCE)	21.2	0.50	ug/L	20.0		106	82-128	5.20	30	
Trichlorofluoromethane (R11)	18.5	0.50	ug/L	20.0		92.6	65-137	1.50	30	
1,2,3-Trichloropropane	21.5	0.50	ug/L	20.0		108	68-123	8.84	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.0	0.50	ug/L	20.0		89.8	62-130	7.09	30	
1,3,5-Trimethylbenzene	22.2	0.50	ug/L	20.0		111	70-130	2.89	30	
1,2,4-Trimethylbenzene	22.0	0.50	ug/L	20.0		110	70-130	3.66	30	
Vinyl chloride	21.6	0.50	ug/L	20.0		108	51-151	4.08	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS Dup (B3K2228-BSD1) Continued										
Prepared & Analyzed: 11/22/23										
o-Xylene	21.3	0.50	ug/L	20.0		106	70-130	4.10	30	
m,p-Xylenes	42.2	1.0	ug/L	40.0		105	70-130	8.76	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>52.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>83-134</i>			
Matrix Spike (B3K2228-MS1)										
Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
Acetone	21.4	50	ug/L	20.0		107	11-169			
tert-Amyl-Methyl Ether (TAME)	18.7	2.0	ug/L	20.0		93.6	66-133			
Benzene	18.6	0.50	ug/L	20.0		92.8	56-135			
Bromobenzene	19.6	0.50	ug/L	20.0		98.0	70-130			
Bromochloromethane	19.5	0.50	ug/L	20.0		97.5	74-125			
Bromodichloromethane	19.0	0.50	ug/L	20.0		95.2	68-144			
Bromoform	18.6	0.50	ug/L	20.0		93.1	68-151			
Bromomethane	18.4	0.50	ug/L	20.0		92.0	54-142			
2-Butanone (MEK)	20.3	20	ug/L	20.0		101	62-145			
tert-Butyl Alcohol (TBA)	96.7	10	ug/L	100		96.7	73-162			
sec-Butylbenzene	17.8	0.50	ug/L	20.0		88.8	84-145			
tert-Butylbenzene	18.0	0.50	ug/L	20.0		89.9	70-130			
n-Butylbenzene	17.9	0.50	ug/L	20.0		89.4	70-130			
Carbon Disulfide	16.2	0.50	ug/L	20.0	0.260	79.6	28-151			
Carbon Tetrachloride	17.4	0.50	ug/L	20.0		87.0	58-164			
Chlorobenzene	18.5	0.50	ug/L	20.0		92.4	70-130			
Chloroethane	21.0	0.50	ug/L	20.0		105	42-164			
Chloroform	19.2	0.50	ug/L	20.0		95.8	65-138			
Chloromethane	21.2	0.50	ug/L	20.0		106	50-152			
2-Chlorotoluene	18.5	0.50	ug/L	20.0		92.4	70-130			
4-Chlorotoluene	18.6	0.50	ug/L	20.0		93.0	70-130			
1,2-Dibromo-3-chloropropane	20.2	1.0	ug/L	20.0		101	53-161			
Dibromochloromethane	18.5	0.50	ug/L	20.0		92.7	70-130			
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0		97.0	76-130			
Dibromomethane	19.9	0.50	ug/L	20.0		99.3	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Matrix Spike (B3K2228-MS1) Continued Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
1,3-Dichlorobenzene	18.3	0.50	ug/L	20.0		91.6	70-130			
1,2-Dichlorobenzene	19.4	0.50	ug/L	20.0		96.9	70-130			
1,4-Dichlorobenzene	18.8	0.50	ug/L	20.0		94.1	70-130			
Dichlorodifluoromethane (R12)	18.8	0.50	ug/L	20.0		94.0	17-153			
1,1-Dichloroethane	19.4	0.50	ug/L	20.0		96.8	55-131			
1,2-Dichloroethane (EDC)	19.0	0.50	ug/L	20.0		95.0	52-168			
1,1-Dichloroethylene	18.5	0.50	ug/L	20.0		92.3	51-140			
trans-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0		93.4	59-127			
cis-1,2-Dichloroethylene	18.2	0.50	ug/L	20.0		91.0	70-130			
1,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.6	52-142			
2,2-Dichloropropane	16.4	0.50	ug/L	20.0		81.9	36-168			
1,3-Dichloropropane	19.1	0.50	ug/L	20.0		95.6	80-121			
cis-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0		95.6	66-130			
trans-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.3	78-130			
1,1-Dichloropropylene	17.7	0.50	ug/L	20.0		88.4	76-132			
Diisopropyl ether (DIPE)	19.1	2.0	ug/L	20.0		95.4	52-138			
Ethylbenzene	18.7	0.50	ug/L	20.0		93.4	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.1	2.0	ug/L	20.0		95.4	64-137			
Hexachlorobutadiene	15.5	1.0	ug/L	20.0		77.4	70-130			
2-Hexanone (MBK)	18.8	20	ug/L	20.0		93.8	52-141			
Isopropylbenzene	18.7	0.50	ug/L	20.0		93.4	70-130			
4-Isopropyltoluene	17.4	1.0	ug/L	20.0		87.1	83-149			
Methyl-tert-Butyl Ether (MTBE)	39.5	1.2	ug/L	40.0		98.6	56-150			
Methylene Chloride	23.0	5.0	ug/L	20.0		115	70-130			
4-Methyl-2-pentanone (MIBK)	20.2	20	ug/L	20.0		101	60-148			
Naphthalene	18.7	2.0	ug/L	20.0		93.6	70-130			
n-Propylbenzene	18.6	0.50	ug/L	20.0		93.0	70-130			
Styrene	18.5	0.50	ug/L	20.0		92.5	65-141			
1,1,1,2-Tetrachloroethane	18.2	0.50	ug/L	20.0		90.8	70-130			
1,1,2,2-Tetrachloroethane	20.5	0.50	ug/L	20.0		102	62-134			
Tetrachloroethylene (PCE)	17.9	0.50	ug/L	20.0		89.4	70-130			
Toluene	18.0	0.50	ug/L	20.0		89.9	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2228 - EPA 5030B

Matrix Spike (B3K2228-MS1) Continued Source: 3K14016-03 Prepared & Analyzed: 11/22/23

1,2,3-Trichlorobenzene	17.6	0.50	ug/L	20.0		88.2	73-144			
1,2,4-Trichlorobenzene	18.0	0.50	ug/L	20.0		90.0	80-137			
1,1,1-Trichloroethane	17.6	0.50	ug/L	20.0		88.0	62-164			
1,1,2-Trichloroethane	19.9	0.50	ug/L	20.0		99.3	76-122			
Trichloroethylene (TCE)	18.3	0.50	ug/L	20.0		91.6	72-136			
Trichlorofluoromethane (R11)	19.7	0.50	ug/L	20.0		98.3	59-144			
1,2,3-Trichloropropane	19.1	0.50	ug/L	20.0		95.4	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.4	0.50	ug/L	20.0		92.1	62-126			
1,3,5-Trimethylbenzene	18.5	0.50	ug/L	20.0		92.3	70-130			
1,2,4-Trimethylbenzene	18.5	0.50	ug/L	20.0		92.6	89-134			
Vinyl chloride	22.9	0.50	ug/L	20.0		114	54-150			
o-Xylene	18.1	0.50	ug/L	20.0		90.4	70-130			
m,p-Xylenes	37.3	1.0	ug/L	40.0		93.2	70-130			
Surrogate: 4-Bromofluorobenzene	50.3		ug/L	50.0		101	80-129			
Surrogate: Dibromofluoromethane	50.7		ug/L	50.0		101	68-137			
Surrogate: Toluene-d8	49.2		ug/L	50.0		98.4	83-134			

Matrix Spike Dup (B3K2228-MSD1) Source: 3K14016-03 Prepared & Analyzed: 11/22/23

Acetone	26.9	50	ug/L	20.0		134	11-169	22.9	30	
tert-Amyl-Methyl Ether (TAME)	22.7	2.0	ug/L	20.0		113	66-133	19.1	30	
Benzene	21.0	0.50	ug/L	20.0		105	56-135	12.5	30	
Bromobenzene	22.3	0.50	ug/L	20.0		112	70-130	12.9	30	
Bromochloromethane	22.9	0.50	ug/L	20.0		114	74-125	16.0	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0		112	68-144	16.3	30	
Bromoform	23.2	0.50	ug/L	20.0		116	68-151	21.8	30	
Bromomethane	22.4	0.50	ug/L	20.0		112	54-142	19.6	30	
2-Butanone (MEK)	25.3	20	ug/L	20.0		126	62-145	21.9	30	
tert-Butyl Alcohol (TBA)	120	10	ug/L	100		120	73-162	21.2	30	
sec-Butylbenzene	20.2	0.50	ug/L	20.0		101	84-145	13.0	30	
tert-Butylbenzene	20.2	0.50	ug/L	20.0		101	70-130	11.7	30	
n-Butylbenzene	20.4	0.50	ug/L	20.0		102	70-130	13.1	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Matrix Spike Dup (B3K2228-MSD1) Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
Continued										
Carbon Disulfide	17.9	0.50	ug/L	20.0	0.260	88.2	28-151	9.98	30	
Carbon Tetrachloride	20.0	0.50	ug/L	20.0		99.8	58-164	13.7	30	
Chlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	12.5	30	
Chloroethane	22.3	0.50	ug/L	20.0		111	42-164	5.73	30	
Chloroform	21.6	0.50	ug/L	20.0		108	65-138	11.9	30	
Chloromethane	21.4	0.50	ug/L	20.0		107	50-152	0.988	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	12.1	30	
4-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	12.2	30	
1,2-Dibromo-3-chloropropane	25.6	1.0	ug/L	20.0		128	53-161	23.6	30	
Dibromochloromethane	22.2	0.50	ug/L	20.0		111	70-130	18.0	30	
1,2-Dibromoethane (EDB)	23.6	0.50	ug/L	20.0		118	76-130	19.4	30	
Dibromomethane	24.0	0.50	ug/L	20.0		120	62-135	18.9	30	
1,3-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	13.7	30	
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0		112	70-130	14.2	30	
1,4-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130	13.4	30	
Dichlorodifluoromethane (R12)	19.2	0.50	ug/L	20.0		96.2	17-153	2.31	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	55-131	10.4	30	
1,2-Dichloroethane (EDC)	22.4	0.50	ug/L	20.0		112	52-168	16.7	30	
1,1-Dichloroethylene	20.6	0.50	ug/L	20.0		103	51-140	10.9	30	
trans-1,2-Dichloroethylene	20.8	0.50	ug/L	20.0		104	59-127	10.6	30	
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0		105	70-130	14.3	30	
1,2-Dichloropropane	21.4	0.50	ug/L	20.0		107	52-142	13.2	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0		91.6	36-168	11.1	30	
1,3-Dichloropropane	22.9	0.50	ug/L	20.0		114	80-121	18.0	30	
cis-1,3-Dichloropropylene	22.0	0.50	ug/L	20.0		110	66-130	14.1	30	
trans-1,3-Dichloropropylene	22.0	0.50	ug/L	20.0		110	78-130	16.3	30	
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0		98.6	76-132	10.8	30	
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0		110	52-138	14.6	30	
Ethylbenzene	21.3	0.50	ug/L	20.0		107	86-128	13.2	30	
Ethyl-tert-Butyl Ether (ETBE)	23.2	2.0	ug/L	20.0		116	64-137	19.4	30	
Hexachlorobutadiene	19.0	1.0	ug/L	20.0		94.9	70-130	20.3	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Matrix Spike Dup (B3K2228-MSD1) Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
Continued										
2-Hexanone (MBK)	23.2	20	ug/L	20.0		116	52-141	21.2	30	
Isopropylbenzene	20.7	0.50	ug/L	20.0		104	70-130	10.3	30	
4-Isopropyltoluene	19.9	1.0	ug/L	20.0		99.4	83-149	13.1	30	
Methyl-tert-Butyl Ether (MTBE)	46.9	1.2	ug/L	40.0		117	56-150	17.1	30	
Methylene Chloride	24.8	5.0	ug/L	20.0		124	70-130	7.23	30	
4-Methyl-2-pentanone (MIBK)	25.9	20	ug/L	20.0		129	60-148	24.6	30	
Naphthalene	24.5	2.0	ug/L	20.0		122	70-130	26.6	30	
n-Propylbenzene	20.8	0.50	ug/L	20.0		104	70-130	11.2	30	
Styrene	20.7	0.50	ug/L	20.0		103	65-141	11.0	30	
1,1,1,2-Tetrachloroethane	20.9	0.50	ug/L	20.0		105	70-130	14.0	30	
1,1,2,2-Tetrachloroethane	25.5	0.50	ug/L	20.0		127	62-134	21.6	30	
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		97.9	70-130	9.13	30	
Toluene	20.1	0.50	ug/L	20.0		100	81-123	11.1	30	
1,2,3-Trichlorobenzene	22.6	0.50	ug/L	20.0		113	73-144	24.9	30	
1,2,4-Trichlorobenzene	22.2	0.50	ug/L	20.0		111	80-137	20.8	30	
1,1,1-Trichloroethane	20.0	0.50	ug/L	20.0		100	62-164	12.7	30	
1,1,2-Trichloroethane	23.6	0.50	ug/L	20.0		118	76-122	17.1	30	
Trichloroethylene (TCE)	20.6	0.50	ug/L	20.0		103	72-136	11.8	30	
Trichlorofluoromethane (R11)	19.3	0.50	ug/L	20.0		96.6	59-144	1.69	30	
1,2,3-Trichloropropane	24.0	0.50	ug/L	20.0		120	69-135	22.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.5	0.50	ug/L	20.0		92.6	62-126	0.541	30	
1,3,5-Trimethylbenzene	20.9	0.50	ug/L	20.0		104	70-130	12.2	30	
1,2,4-Trimethylbenzene	20.7	0.50	ug/L	20.0		104	89-134	11.4	30	
Vinyl chloride	22.9	0.50	ug/L	20.0		114	54-150	0.175	30	
o-Xylene	20.4	0.50	ug/L	20.0		102	70-130	12.0	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0		105	70-130	11.7	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	49.3		ug/L	50.0		98.5	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.6		ug/L	50.0		103	68-137			
<i>Surrogate: Toluene-d8</i>	48.8		ug/L	50.0		97.6	83-134			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Blank (B3K2228-BLK1)										
Prepared & Analyzed: 11/22/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Blank (B3K2228-BLK1) Continued										
Prepared & Analyzed: 11/22/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Blank (B3K2228-BLK1) Continued										
Prepared & Analyzed: 11/22/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>83-134</i>			
LCS (B3K2228-BS1)										
Prepared & Analyzed: 11/22/23										
Acetone	24.0	50	ug/L	20.0		120	27-123			
tert-Amyl-Methyl Ether (TAME)	22.1	2.0	ug/L	20.0		110	58-133			
Benzene	22.3	0.50	ug/L	20.0		111	60-134			
Bromobenzene	23.4	0.50	ug/L	20.0		117	70-130			
Bromochloromethane	22.9	0.50	ug/L	20.0		114	78-121			
Bromodichloromethane	22.5	0.50	ug/L	20.0		113	74-135			
Bromoform	22.9	0.50	ug/L	20.0		115	68-132			
Bromomethane	18.9	0.50	ug/L	20.0		94.5	58-142			
2-Butanone (MEK)	23.4	20	ug/L	20.0		117	62-138			
tert-Butyl Alcohol (TBA)	119	10	ug/L	100		119	65-148			
sec-Butylbenzene	22.2	0.50	ug/L	20.0		111	84-142			
tert-Butylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
n-Butylbenzene	22.7	0.50	ug/L	20.0		113	70-130			
Carbon Disulfide	20.2	0.50	ug/L	20.0		101	17-177			
Carbon Tetrachloride	21.0	0.50	ug/L	20.0		105	66-155			
Chlorobenzene	22.7	0.50	ug/L	20.0		114	70-130			
Chloroethane	20.2	0.50	ug/L	20.0		101	45-166			
Chloroform	22.9	0.50	ug/L	20.0		114	71-131			
Chloromethane	21.2	0.50	ug/L	20.0		106	48-152			
2-Chlorotoluene	22.6	0.50	ug/L	20.0		113	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS (B3K2228-BS1) Continued										
Prepared & Analyzed: 11/22/23										
4-Chlorotoluene	23.1	0.50	ug/L	20.0		115	70-130			
1,2-Dibromo-3-chloropropane	24.4	1.0	ug/L	20.0		122	53-145			
Dibromochloromethane	22.7	0.50	ug/L	20.0		113	72-133			
1,2-Dibromoethane (EDB)	23.9	0.50	ug/L	20.0		119	79-120			
Dibromomethane	23.9	0.50	ug/L	20.0		120	68-124			
1,3-Dichlorobenzene	22.6	0.50	ug/L	20.0		113	70-130			
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130			
1,4-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
Dichlorodifluoromethane (R12)	18.9	0.50	ug/L	20.0		94.7	16-148			
1,1-Dichloroethane	22.7	0.50	ug/L	20.0		113	67-120			
1,2-Dichloroethane (EDC)	22.1	0.50	ug/L	20.0		110	57-156			
1,1-Dichloroethylene	22.8	0.50	ug/L	20.0		114	50-149			
trans-1,2-Dichloroethylene	22.4	0.50	ug/L	20.0		112	66-126			
cis-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	70-124			
1,2-Dichloropropane	22.2	0.50	ug/L	20.0		111	53-139			
2,2-Dichloropropane	21.8	0.50	ug/L	20.0		109	44-162			
1,3-Dichloropropane	23.7	0.50	ug/L	20.0		119	79-113			
cis-1,3-Dichloropropylene	22.7	0.50	ug/L	20.0		114	67-127			
trans-1,3-Dichloropropylene	23.8	0.50	ug/L	20.0		119	76-121			
1,1-Dichloropropylene	21.7	0.50	ug/L	20.0		109	84-124			
Diisopropyl ether (DIPE)	22.2	2.0	ug/L	20.0		111	51-136			
Ethylbenzene	23.6	0.50	ug/L	20.0		118	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.9	2.0	ug/L	20.0		115	62-136			
Hexachlorobutadiene	21.0	1.0	ug/L	20.0		105	76-140			
2-Hexanone (MBK)	23.1	20	ug/L	20.0		116	52-123			
Isopropylbenzene	23.1	0.50	ug/L	20.0		115	70-130			
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.2	1.2	ug/L	40.0		120	58-144			
Methylene Chloride	22.1	5.0	ug/L	20.0		111	50-135			
4-Methyl-2-pentanone (MIBK)	24.3	20	ug/L	20.0		122	49-139			
Naphthalene	21.9	2.0	ug/L	20.0		109	74-128			
n-Propylbenzene	23.3	0.50	ug/L	20.0		117	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS (B3K2228-BS1) Continued										
Prepared & Analyzed: 11/22/23										
Styrene	22.6	0.50	ug/L	20.0		113	84-123			
1,1,1,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	70-130			
1,1,2,2-Tetrachloroethane	24.6	0.50	ug/L	20.0		123	58-126			
Tetrachloroethylene (PCE)	22.4	0.50	ug/L	20.0		112	70-130			
Toluene	22.3	0.50	ug/L	20.0		111	83-118			
1,2,3-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	77-134			
1,2,4-Trichlorobenzene	22.7	0.50	ug/L	20.0		114	84-128			
1,1,1-Trichloroethane	20.9	0.50	ug/L	20.0		105	66-158			
1,1,2-Trichloroethane	23.8	0.50	ug/L	20.0		119	75-115			
Trichloroethylene (TCE)	22.3	0.50	ug/L	20.0		111	82-128			
Trichlorofluoromethane (R11)	18.8	0.50	ug/L	20.0		94.0	65-137			
1,2,3-Trichloropropane	23.5	0.50	ug/L	20.0		118	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0		96.4	62-130			
1,3,5-Trimethylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
1,2,4-Trimethylbenzene	22.8	0.50	ug/L	20.0		114	70-130			
Vinyl chloride	22.5	0.50	ug/L	20.0		113	51-151			
o-Xylene	22.2	0.50	ug/L	20.0		111	70-130			
m,p-Xylenes	46.0	1.0	ug/L	40.0		115	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			
LCS Dup (B3K2228-BSD1)										
Prepared & Analyzed: 11/22/23										
Acetone	17.2	50	ug/L	20.0		85.8	27-123	33.1	30	
tert-Amyl-Methyl Ether (TAME)	22.0	2.0	ug/L	20.0		110	58-133	0.136	30	
Benzene	21.2	0.50	ug/L	20.0		106	60-134	4.78	30	
Bromobenzene	23.1	0.50	ug/L	20.0		116	70-130	1.20	30	
Bromochloromethane	22.8	0.50	ug/L	20.0		114	78-121	0.613	30	
Bromodichloromethane	21.9	0.50	ug/L	20.0		109	74-135	3.02	30	
Bromoform	21.3	0.50	ug/L	20.0		106	68-132	7.42	30	
Bromomethane	19.6	0.50	ug/L	20.0		98.2	58-142	3.89	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS Dup (B3K2228-BSD1) Continued										
Prepared & Analyzed: 11/22/23										
2-Butanone (MEK)	22.0	20	ug/L	20.0		110	62-138	6.03	30	
tert-Butyl Alcohol (TBA)	111	10	ug/L	100		111	65-148	6.68	30	
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-142	2.79	30	
tert-Butylbenzene	21.7	0.50	ug/L	20.0		108	70-130	3.31	30	
n-Butylbenzene	21.3	0.50	ug/L	20.0		107	70-130	6.05	30	
Carbon Disulfide	17.6	0.50	ug/L	20.0		87.8	17-177	14.0	30	
Carbon Tetrachloride	20.2	0.50	ug/L	20.0		101	66-155	4.12	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		106	70-130	6.59	30	
Chloroethane	21.0	0.50	ug/L	20.0		105	45-166	4.03	30	
Chloroform	22.2	0.50	ug/L	20.0		111	71-131	3.15	30	
Chloromethane	19.5	0.50	ug/L	20.0		97.4	48-152	8.46	30	
2-Chlorotoluene	21.6	0.50	ug/L	20.0		108	70-130	4.43	30	
4-Chlorotoluene	21.9	0.50	ug/L	20.0		109	70-130	5.29	30	
1,2-Dibromo-3-chloropropane	22.3	1.0	ug/L	20.0		112	53-145	9.12	30	
Dibromochloromethane	21.4	0.50	ug/L	20.0		107	72-133	5.67	30	
1,2-Dibromoethane (EDB)	22.1	0.50	ug/L	20.0		111	79-120	7.65	30	
Dibromomethane	23.4	0.50	ug/L	20.0		117	68-124	2.03	30	
1,3-Dichlorobenzene	21.7	0.50	ug/L	20.0		109	70-130	3.79	30	
1,2-Dichlorobenzene	22.8	0.50	ug/L	20.0		114	70-130	1.35	30	
1,4-Dichlorobenzene	22.0	0.50	ug/L	20.0		110	70-130	3.00	30	
Dichlorodifluoromethane (R12)	18.0	0.50	ug/L	20.0		90.2	16-148	4.92	30	
1,1-Dichloroethane	21.8	0.50	ug/L	20.0		109	67-120	4.09	30	
1,2-Dichloroethane (EDC)	21.9	0.50	ug/L	20.0		110	57-156	0.772	30	
1,1-Dichloroethylene	20.7	0.50	ug/L	20.0		103	50-149	9.85	30	
trans-1,2-Dichloroethylene	20.6	0.50	ug/L	20.0		103	66-126	8.29	30	
cis-1,2-Dichloroethylene	20.9	0.50	ug/L	20.0		104	70-124	4.40	30	
1,2-Dichloropropane	21.6	0.50	ug/L	20.0		108	53-139	2.56	30	
2,2-Dichloropropane	18.4	0.50	ug/L	20.0		91.8	44-162	17.2	30	
1,3-Dichloropropane	21.9	0.50	ug/L	20.0		110	79-113	7.93	30	
cis-1,3-Dichloropropylene	22.0	0.50	ug/L	20.0		110	67-127	3.40	30	
trans-1,3-Dichloropropylene	21.1	0.50	ug/L	20.0		105	76-121	12.2	30	
1,1-Dichloropropylene	19.6	0.50	ug/L	20.0		98.2	84-124	10.1	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
LCS Dup (B3K2228-BSD1) Continued										
Prepared & Analyzed: 11/22/23										
Diisopropyl ether (DIPE)	22.0	2.0	ug/L	20.0		110	51-136	0.858	30	
Ethylbenzene	21.9	0.50	ug/L	20.0		110	86-124	7.60	30	
Ethyl-tert-Butyl Ether (ETBE)	22.9	2.0	ug/L	20.0		115	62-136	0.0872	30	
Hexachlorobutadiene	19.9	1.0	ug/L	20.0		99.3	76-140	5.44	30	
2-Hexanone (MBK)	20.5	20	ug/L	20.0		102	52-123	12.0	30	
Isopropylbenzene	22.2	0.50	ug/L	20.0		111	70-130	3.84	30	
4-Isopropyltoluene	20.9	1.0	ug/L	20.0		104	70-130	4.22	30	
Methyl-tert-Butyl Ether (MTBE)	46.9	1.2	ug/L	40.0		117	58-144	2.67	30	
Methylene Chloride	24.6	5.0	ug/L	20.0		123	50-135	10.8	30	
4-Methyl-2-pentanone (MIBK)	23.1	20	ug/L	20.0		116	49-139	4.93	30	
Naphthalene	22.0	2.0	ug/L	20.0		110	74-128	0.319	30	
n-Propylbenzene	22.2	0.50	ug/L	20.0		111	70-130	5.01	30	
Styrene	21.4	0.50	ug/L	20.0		107	84-123	5.68	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		106	70-130	1.54	30	
1,1,2,2-Tetrachloroethane	22.7	0.50	ug/L	20.0		114	58-126	7.98	30	
Tetrachloroethylene (PCE)	19.8	0.50	ug/L	20.0		99.1	70-130	12.3	30	
Toluene	20.3	0.50	ug/L	20.0		102	83-118	9.30	30	
1,2,3-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	77-134	2.60	30	
1,2,4-Trichlorobenzene	22.1	0.50	ug/L	20.0		110	84-128	2.81	30	
1,1,1-Trichloroethane	19.9	0.50	ug/L	20.0		99.4	66-158	5.20	30	
1,1,2-Trichloroethane	22.6	0.50	ug/L	20.0		113	75-115	5.17	30	
Trichloroethylene (TCE)	21.2	0.50	ug/L	20.0		106	82-128	5.20	30	
Trichlorofluoromethane (R11)	18.5	0.50	ug/L	20.0		92.6	65-137	1.50	30	
1,2,3-Trichloropropane	21.5	0.50	ug/L	20.0		108	68-123	8.84	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.0	0.50	ug/L	20.0		89.8	62-130	7.09	30	
1,3,5-Trimethylbenzene	22.2	0.50	ug/L	20.0		111	70-130	2.89	30	
1,2,4-Trimethylbenzene	22.0	0.50	ug/L	20.0		110	70-130	3.66	30	
Vinyl chloride	21.6	0.50	ug/L	20.0		108	51-151	4.08	30	
o-Xylene	21.3	0.50	ug/L	20.0		106	70-130	4.10	30	
m,p-Xylenes	42.2	1.0	ug/L	40.0		105	70-130	8.76	30	

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2228 - EPA 5030B

LCS Dup (B3K2228-BSD1) Continued

Prepared & Analyzed: 11/22/23

Surrogate: 4-Bromofluorobenzene	50.4		ug/L	50.0		101	80-129
Surrogate: Dibromofluoromethane	52.8		ug/L	50.0		106	68-137
Surrogate: Toluene-d8	49.1		ug/L	50.0		98.2	83-134

Matrix Spike (B3K2228-MS1)

Source: 3K14016-03 Prepared & Analyzed: 11/22/23

Acetone	21.4	50	ug/L	20.0	<50	107	11-169
tert-Amyl-Methyl Ether (TAME)	18.7	2.0	ug/L	20.0	<2.0	93.6	66-133
Benzene	18.6	0.50	ug/L	20.0	<0.50	92.8	56-135
Bromobenzene	19.6	0.50	ug/L	20.0	<0.50	98.0	70-130
Bromochloromethane	19.5	0.50	ug/L	20.0	<0.50	97.5	74-125
Bromodichloromethane	19.0	0.50	ug/L	20.0	<0.50	95.2	68-144
Bromoform	18.6	0.50	ug/L	20.0	<0.50	93.1	68-151
Bromomethane	18.4	0.50	ug/L	20.0	<0.50	92.0	54-142
2-Butanone (MEK)	20.3	20	ug/L	20.0	<20	101	62-145
tert-Butyl Alcohol (TBA)	96.7	10	ug/L	100	<10	96.7	73-162
sec-Butylbenzene	17.8	0.50	ug/L	20.0	<0.50	88.8	84-145
tert-Butylbenzene	18.0	0.50	ug/L	20.0	<0.50	89.9	70-130
n-Butylbenzene	17.9	0.50	ug/L	20.0	<0.50	89.4	70-130
Carbon Disulfide	16.2	0.50	ug/L	20.0	0.260	79.6	28-151
Carbon Tetrachloride	17.4	0.50	ug/L	20.0	<0.50	87.0	58-164
Chlorobenzene	18.5	0.50	ug/L	20.0	<0.50	92.4	70-130
Chloroethane	21.0	0.50	ug/L	20.0	<0.50	105	42-164
Chloroform	19.2	0.50	ug/L	20.0	<0.50	95.8	65-138
Chloromethane	21.2	0.50	ug/L	20.0	<0.50	106	50-152
2-Chlorotoluene	18.5	0.50	ug/L	20.0	<0.50	92.4	70-130
4-Chlorotoluene	18.6	0.50	ug/L	20.0	<0.50	93.0	70-130
1,2-Dibromo-3-chloropropane	20.2	1.0	ug/L	20.0	<1.0	101	53-161
Dibromochloromethane	18.5	0.50	ug/L	20.0	<0.50	92.7	70-130
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0	<0.50	97.0	76-130
Dibromomethane	19.9	0.50	ug/L	20.0	<0.50	99.3	62-135
1,3-Dichlorobenzene	18.3	0.50	ug/L	20.0	<0.50	91.6	70-130
1,2-Dichlorobenzene	19.4	0.50	ug/L	20.0	<0.50	96.9	70-130
1,4-Dichlorobenzene	18.8	0.50	ug/L	20.0	<0.50	94.1	70-130

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Matrix Spike (B3K2228-MS1) Continued Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
Dichlorodifluoromethane (R12)	18.8	0.50	ug/L	20.0	<0.50	94.0	17-153			
1,1-Dichloroethane	19.4	0.50	ug/L	20.0	<0.50	96.8	55-131			
1,2-Dichloroethane (EDC)	19.0	0.50	ug/L	20.0	<0.50	95.0	52-168			
1,1-Dichloroethylene	18.5	0.50	ug/L	20.0	<0.50	92.3	51-140			
trans-1,2-Dichloroethylene	18.7	0.50	ug/L	20.0	<0.50	93.4	59-127			
cis-1,2-Dichloroethylene	18.2	0.50	ug/L	20.0	<0.50	91.0	70-130			
1,2-Dichloropropane	18.7	0.50	ug/L	20.0	<0.50	93.6	52-142			
2,2-Dichloropropane	16.4	0.50	ug/L	20.0	<0.50	81.9	36-168			
1,3-Dichloropropane	19.1	0.50	ug/L	20.0	<0.50	95.6	80-121			
cis-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0	<0.50	95.6	66-130			
trans-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0	<0.50	93.3	78-130			
1,1-Dichloropropylene	17.7	0.50	ug/L	20.0	<0.50	88.4	76-132			
Diisopropyl ether (DIPE)	19.1	2.0	ug/L	20.0	<2.0	95.4	52-138			
Ethylbenzene	18.7	0.50	ug/L	20.0	<0.50	93.4	86-128			
Ethyl-tert-Butyl Ether (ETBE)	19.1	2.0	ug/L	20.0	<2.0	95.4	64-137			
Hexachlorobutadiene	15.5	1.0	ug/L	20.0	<1.0	77.4	70-130			
2-Hexanone (MBK)	18.8	20	ug/L	20.0	<20	93.8	52-141			
Isopropylbenzene	18.7	0.50	ug/L	20.0	<0.50	93.4	70-130			
4-Isopropyltoluene	17.4	1.0	ug/L	20.0	<1.0	87.1	83-149			
Methyl-tert-Butyl Ether (MTBE)	39.5	1.2	ug/L	40.0	<1.2	98.6	56-150			
Methylene Chloride	23.0	5.0	ug/L	20.0	<5.0	115	70-130			
4-Methyl-2-pentanone (MIBK)	20.2	20	ug/L	20.0	<10	101	60-148			
Naphthalene	18.7	2.0	ug/L	20.0	<2.0	93.6	70-130			
n-Propylbenzene	18.6	0.50	ug/L	20.0	<0.50	93.0	70-130			
Styrene	18.5	0.50	ug/L	20.0	<0.50	92.5	65-141			
1,1,1,2-Tetrachloroethane	18.2	0.50	ug/L	20.0	<0.50	90.8	70-130			
1,1,2,2-Tetrachloroethane	20.5	0.50	ug/L	20.0	<0.50	102	62-134			
Tetrachloroethylene (PCE)	17.9	0.50	ug/L	20.0	<0.50	89.4	70-130			
Toluene	18.0	0.50	ug/L	20.0	<0.50	89.9	81-123			
1,2,3-Trichlorobenzene	17.6	0.50	ug/L	20.0	<0.50	88.2	73-144			
1,2,4-Trichlorobenzene	18.0	0.50	ug/L	20.0	<0.50	90.0	80-137			
1,1,1-Trichloroethane	17.6	0.50	ug/L	20.0	<0.50	88.0	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Matrix Spike (B3K2228-MS1) Continued Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
1,1,2-Trichloroethane	19.9	0.50	ug/L	20.0	<0.50	99.3	76-122			
Trichloroethylene (TCE)	18.3	0.50	ug/L	20.0	<0.50	91.6	72-136			
Trichlorofluoromethane (R11)	19.7	0.50	ug/L	20.0	<0.50	98.3	59-144			
1,2,3-Trichloropropane	19.1	0.50	ug/L	20.0	<0.50	95.4	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.4	0.50	ug/L	20.0	<0.50	92.1	62-126			
1,3,5-Trimethylbenzene	18.5	0.50	ug/L	20.0	<0.50	92.3	70-130			
1,2,4-Trimethylbenzene	18.5	0.50	ug/L	20.0	<0.50	92.6	89-134			
Vinyl chloride	22.9	0.50	ug/L	20.0	<0.50	114	54-150			
o-Xylene	18.1	0.50	ug/L	20.0	<0.50	90.4	70-130			
m,p-Xylenes	37.3	1.0	ug/L	40.0	<1.0	93.2	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.4</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2228-MSD1) Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
Acetone	26.9	50	ug/L	20.0	<50	134	11-169	22.9	30	
tert-Amyl-Methyl Ether (TAME)	22.7	2.0	ug/L	20.0	<2.0	113	66-133	19.1	30	
Benzene	21.0	0.50	ug/L	20.0	<0.50	105	56-135	12.5	30	
Bromobenzene	22.3	0.50	ug/L	20.0	<0.50	112	70-130	12.9	30	
Bromochloromethane	22.9	0.50	ug/L	20.0	<0.50	114	74-125	16.0	30	
Bromodichloromethane	22.4	0.50	ug/L	20.0	<0.50	112	68-144	16.3	30	
Bromoform	23.2	0.50	ug/L	20.0	<0.50	116	68-151	21.8	30	
Bromomethane	22.4	0.50	ug/L	20.0	<0.50	112	54-142	19.6	30	
2-Butanone (MEK)	25.3	20	ug/L	20.0	<20	126	62-145	21.9	30	
tert-Butyl Alcohol (TBA)	120	10	ug/L	100	<10	120	73-162	21.2	30	
sec-Butylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	84-145	13.0	30	
tert-Butylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	11.7	30	
n-Butylbenzene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	13.1	30	
Carbon Disulfide	17.9	0.50	ug/L	20.0	0.260	88.2	28-151	9.98	30	
Carbon Tetrachloride	20.0	0.50	ug/L	20.0	<0.50	99.8	58-164	13.7	30	
Chlorobenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	12.5	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2228 - EPA 5030B</i>										
Matrix Spike Dup (B3K2228-MSD1) Source: 3K14016-03 Prepared & Analyzed: 11/22/23										
Continued										
Chloroethane	22.3	0.50	ug/L	20.0	<0.50	111	42-164	5.73	30	
Chloroform	21.6	0.50	ug/L	20.0	<0.50	108	65-138	11.9	30	
Chloromethane	21.4	0.50	ug/L	20.0	<0.50	107	50-152	0.988	30	
2-Chlorotoluene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	12.1	30	
4-Chlorotoluene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	12.2	30	
1,2-Dibromo-3-chloropropane	25.6	1.0	ug/L	20.0	<1.0	128	53-161	23.6	30	
Dibromochloromethane	22.2	0.50	ug/L	20.0	<0.50	111	70-130	18.0	30	
1,2-Dibromoethane (EDB)	23.6	0.50	ug/L	20.0	<0.50	118	76-130	19.4	30	
Dibromomethane	24.0	0.50	ug/L	20.0	<0.50	120	62-135	18.9	30	
1,3-Dichlorobenzene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	13.7	30	
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130	14.2	30	
1,4-Dichlorobenzene	21.5	0.50	ug/L	20.0	<0.50	108	70-130	13.4	30	
Dichlorodifluoromethane (R12)	19.2	0.50	ug/L	20.0	<0.50	96.2	17-153	2.31	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0	<0.50	107	55-131	10.4	30	
1,2-Dichloroethane (EDC)	22.4	0.50	ug/L	20.0	<0.50	112	52-168	16.7	30	
1,1-Dichloroethylene	20.6	0.50	ug/L	20.0	<0.50	103	51-140	10.9	30	
trans-1,2-Dichloroethylene	20.8	0.50	ug/L	20.0	<0.50	104	59-127	10.6	30	
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	14.3	30	
1,2-Dichloropropane	21.4	0.50	ug/L	20.0	<0.50	107	52-142	13.2	30	
2,2-Dichloropropane	18.3	0.50	ug/L	20.0	<0.50	91.6	36-168	11.1	30	
1,3-Dichloropropane	22.9	0.50	ug/L	20.0	<0.50	114	80-121	18.0	30	
cis-1,3-Dichloropropylene	22.0	0.50	ug/L	20.0	<0.50	110	66-130	14.1	30	
trans-1,3-Dichloropropylene	22.0	0.50	ug/L	20.0	<0.50	110	78-130	16.3	30	
1,1-Dichloropropylene	19.7	0.50	ug/L	20.0	<0.50	98.6	76-132	10.8	30	
Diisopropyl ether (DIPE)	22.1	2.0	ug/L	20.0	<2.0	110	52-138	14.6	30	
Ethylbenzene	21.3	0.50	ug/L	20.0	<0.50	107	86-128	13.2	30	
Ethyl-tert-Butyl Ether (ETBE)	23.2	2.0	ug/L	20.0	<2.0	116	64-137	19.4	30	
Hexachlorobutadiene	19.0	1.0	ug/L	20.0	<1.0	94.9	70-130	20.3	30	
2-Hexanone (MBK)	23.2	20	ug/L	20.0	<20	116	52-141	21.2	30	
Isopropylbenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	10.3	30	
4-Isopropyltoluene	19.9	1.0	ug/L	20.0	<1.0	99.4	83-149	13.1	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2228 - EPA 5030B

Matrix Spike Dup (B3K2228-MSD1) Source: 3K14016-03 Prepared & Analyzed: 11/22/23

Continued

Methyl-tert-Butyl Ether (MTBE)	46.9	1.2	ug/L	40.0	<1.2	117	56-150	17.1	30	
Methylene Chloride	24.8	5.0	ug/L	20.0	<5.0	124	70-130	7.23	30	
4-Methyl-2-pentanone (MIBK)	25.9	20	ug/L	20.0	<10	129	60-148	24.6	30	
Naphthalene	24.5	2.0	ug/L	20.0	<2.0	122	70-130	26.6	30	
n-Propylbenzene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	11.2	30	
Styrene	20.7	0.50	ug/L	20.0	<0.50	103	65-141	11.0	30	
1,1,1,2-Tetrachloroethane	20.9	0.50	ug/L	20.0	<0.50	105	70-130	14.0	30	
1,1,2,2-Tetrachloroethane	25.5	0.50	ug/L	20.0	<0.50	127	62-134	21.6	30	
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0	<0.50	97.9	70-130	9.13	30	
Toluene	20.1	0.50	ug/L	20.0	<0.50	100	81-123	11.1	30	
1,2,3-Trichlorobenzene	22.6	0.50	ug/L	20.0	<0.50	113	73-144	24.9	30	
1,2,4-Trichlorobenzene	22.2	0.50	ug/L	20.0	<0.50	111	80-137	20.8	30	
1,1,1-Trichloroethane	20.0	0.50	ug/L	20.0	<0.50	100	62-164	12.7	30	
1,1,2-Trichloroethane	23.6	0.50	ug/L	20.0	<0.50	118	76-122	17.1	30	
Trichloroethylene (TCE)	20.6	0.50	ug/L	20.0	<0.50	103	72-136	11.8	30	
Trichlorofluoromethane (R11)	19.3	0.50	ug/L	20.0	<0.50	96.6	59-144	1.69	30	
1,2,3-Trichloropropane	24.0	0.50	ug/L	20.0	<0.50	120	69-135	22.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.5	0.50	ug/L	20.0	<0.50	92.6	62-126	0.541	30	
1,3,5-Trimethylbenzene	20.9	0.50	ug/L	20.0	<0.50	104	70-130	12.2	30	
1,2,4-Trimethylbenzene	20.7	0.50	ug/L	20.0	<0.50	104	89-134	11.4	30	
Vinyl chloride	22.9	0.50	ug/L	20.0	<0.50	114	54-150	0.175	30	
o-Xylene	20.4	0.50	ug/L	20.0	<0.50	102	70-130	12.0	30	
m,p-Xylenes	41.9	1.0	ug/L	40.0	<1.0	105	70-130	11.7	30	
Surrogate: 4-Bromofluorobenzene	49.3		ug/L	50.0		98.5	80-129			
Surrogate: Dibromofluoromethane	51.6		ug/L	50.0		103	68-137			
Surrogate: Toluene-d8	48.8		ug/L	50.0		97.6	83-134			

Batch B3K2719 - EPA 5030B

Blank (B3K2719-BLK1)

Prepared & Analyzed: 11/27/23

Acetone	<50	50	ug/L
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Blank (B3K2719-BLK1) Continued										
Prepared & Analyzed: 11/27/23										
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Blank (B3K2719-BLK1) Continued										
Prepared & Analyzed: 11/27/23										
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Blank (B3K2719-BLK1) Continued										
Prepared & Analyzed: 11/27/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.6</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.0</i>	<i>83-134</i>			
LCS (B3K2719-BS1)										
Prepared & Analyzed: 11/27/23										
Acetone	22.1	50	ug/L	20.0		111	27-123			
tert-Amyl-Methyl Ether (TAME)	21.5	2.0	ug/L	20.0		108	58-133			
Benzene	20.9	0.50	ug/L	20.0		104	60-134			
Bromobenzene	22.2	0.50	ug/L	20.0		111	70-130			
Bromochloromethane	21.9	0.50	ug/L	20.0		109	78-121			
Bromodichloromethane	22.0	0.50	ug/L	20.0		110	74-135			
Bromoform	22.0	0.50	ug/L	20.0		110	68-132			
Bromomethane	19.1	0.50	ug/L	20.0		95.6	58-142			
2-Butanone (MEK)	22.1	20	ug/L	20.0		111	62-138			
tert-Butyl Alcohol (TBA)	116	10	ug/L	100		116	65-148			
sec-Butylbenzene	20.9	0.50	ug/L	20.0		105	84-142			
tert-Butylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
n-Butylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Carbon Disulfide	17.2	0.50	ug/L	20.0		86.1	17-177			
Carbon Tetrachloride	20.8	0.50	ug/L	20.0		104	66-155			
Chlorobenzene	20.9	0.50	ug/L	20.0		104	70-130			
Chloroethane	21.2	0.50	ug/L	20.0		106	45-166			
Chloroform	22.1	0.50	ug/L	20.0		111	71-131			
Chloromethane	20.6	0.50	ug/L	20.0		103	48-152			
2-Chlorotoluene	21.2	0.50	ug/L	20.0		106	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS (B3K2719-BS1) Continued										
Prepared & Analyzed: 11/27/23										
4-Chlorotoluene	21.6	0.50	ug/L	20.0		108	70-130			
1,2-Dibromo-3-chloropropane	22.9	1.0	ug/L	20.0		115	53-145			
Dibromochloromethane	21.5	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	21.4	0.50	ug/L	20.0		107	79-120			
Dibromomethane	22.7	0.50	ug/L	20.0		114	68-124			
1,3-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dichlorobenzene	22.3	0.50	ug/L	20.0		111	70-130			
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.2	16-148			
1,1-Dichloroethane	21.4	0.50	ug/L	20.0		107	67-120			
1,2-Dichloroethane (EDC)	21.7	0.50	ug/L	20.0		109	57-156			
1,1-Dichloroethylene	20.9	0.50	ug/L	20.0		105	50-149			
trans-1,2-Dichloroethylene	20.3	0.50	ug/L	20.0		102	66-126			
cis-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0		102	70-124			
1,2-Dichloropropane	20.3	0.50	ug/L	20.0		101	53-139			
2,2-Dichloropropane	20.3	0.50	ug/L	20.0		102	44-162			
1,3-Dichloropropane	20.9	0.50	ug/L	20.0		104	79-113			
cis-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	67-127			
trans-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	76-121			
1,1-Dichloropropylene	19.8	0.50	ug/L	20.0		99.1	84-124			
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0		105	51-136			
Ethylbenzene	22.0	0.50	ug/L	20.0		110	86-124			
Ethyl-tert-Butyl Ether (ETBE)	23.4	2.0	ug/L	20.0		117	62-136			
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140			
2-Hexanone (MBK)	20.0	20	ug/L	20.0		99.8	52-123			
Isopropylbenzene	21.8	0.50	ug/L	20.0		109	70-130			
4-Isopropyltoluene	20.8	1.0	ug/L	20.0		104	70-130			
Methyl-tert-Butyl Ether (MTBE)	48.4	1.2	ug/L	40.0		121	58-144			
Methylene Chloride	21.0	5.0	ug/L	20.0		105	50-135			
4-Methyl-2-pentanone (MIBK)	22.1	20	ug/L	20.0		110	49-139			
Naphthalene	21.1	2.0	ug/L	20.0		106	74-128			
n-Propylbenzene	21.4	0.50	ug/L	20.0		107	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS (B3K2719-BS1) Continued										
Prepared & Analyzed: 11/27/23										
Styrene	21.3	0.50	ug/L	20.0		106	84-123			
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	70-130			
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126			
Tetrachloroethylene (PCE)	20.2	0.50	ug/L	20.0		101	70-130			
Toluene	20.1	0.50	ug/L	20.0		100	83-118			
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0		111	77-134			
1,2,4-Trichlorobenzene	21.9	0.50	ug/L	20.0		110	84-128			
1,1,1-Trichloroethane	20.4	0.50	ug/L	20.0		102	66-158			
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115			
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	82-128			
Trichlorofluoromethane (R11)	19.4	0.50	ug/L	20.0		97.2	65-137			
1,2,3-Trichloropropane	20.8	0.50	ug/L	20.0		104	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.3	62-130			
1,3,5-Trimethylbenzene	21.7	0.50	ug/L	20.0		109	70-130			
1,2,4-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
Vinyl chloride	23.3	0.50	ug/L	20.0		117	51-151			
o-Xylene	21.0	0.50	ug/L	20.0		105	70-130			
m,p-Xylenes	43.0	1.0	ug/L	40.0		107	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.8		ug/L	50.0		99.6	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.0		ug/L	50.0		102	68-137			
<i>Surrogate: Toluene-d8</i>	48.2		ug/L	50.0		96.4	83-134			
LCS Dup (B3K2719-BSD1)										
Prepared: 11/27/23 Analyzed: 11/28/23										
Acetone	16.5	50	ug/L	20.0		82.6	27-123	29.0	30	
tert-Amyl-Methyl Ether (TAME)	22.3	2.0	ug/L	20.0		112	58-133	3.74	30	
Benzene	21.9	0.50	ug/L	20.0		110	60-134	4.96	30	
Bromobenzene	22.1	0.50	ug/L	20.0		110	70-130	0.632	30	
Bromochloromethane	23.6	0.50	ug/L	20.0		118	78-121	7.82	30	
Bromodichloromethane	23.6	0.50	ug/L	20.0		118	74-135	7.24	30	
Bromoform	20.5	0.50	ug/L	20.0		102	68-132	7.39	30	
Bromomethane	24.8	0.50	ug/L	20.0		124	58-142	25.9	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS Dup (B3K2719-BSD1) Continued										
Prepared: 11/27/23 Analyzed: 11/28/23										
2-Butanone (MEK)	21.2	20	ug/L	20.0		106	62-138	4.06	30	
tert-Butyl Alcohol (TBA)	102	10	ug/L	100		102	65-148	13.6	30	
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-142	4.20	30	
tert-Butylbenzene	20.9	0.50	ug/L	20.0		104	70-130	1.43	30	
n-Butylbenzene	19.9	0.50	ug/L	20.0		99.4	70-130	7.55	30	
Carbon Disulfide	16.8	0.50	ug/L	20.0		84.2	17-177	2.17	30	
Carbon Tetrachloride	20.6	0.50	ug/L	20.0		103	66-155	1.26	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		106	70-130	1.94	30	
Chloroethane	21.8	0.50	ug/L	20.0		109	45-166	2.65	30	
Chloroform	23.3	0.50	ug/L	20.0		116	71-131	5.07	30	
Chloromethane	21.1	0.50	ug/L	20.0		105	48-152	2.50	30	
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130	2.49	30	
4-Chlorotoluene	21.1	0.50	ug/L	20.0		106	70-130	2.34	30	
1,2-Dibromo-3-chloropropane	20.9	1.0	ug/L	20.0		104	53-145	9.36	30	
Dibromochloromethane	21.4	0.50	ug/L	20.0		107	72-133	0.700	30	
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120	1.21	30	
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124	7.30	30	
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130	3.62	30	
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	4.21	30	
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	3.37	30	
Dichlorodifluoromethane (R12)	19.5	0.50	ug/L	20.0		97.7	16-148	2.54	30	
1,1-Dichloroethane	22.8	0.50	ug/L	20.0		114	67-120	6.19	30	
1,2-Dichloroethane (EDC)	23.8	0.50	ug/L	20.0		119	57-156	9.22	30	
1,1-Dichloroethylene	20.3	0.50	ug/L	20.0		102	50-149	2.91	30	
trans-1,2-Dichloroethylene	21.2	0.50	ug/L	20.0		106	66-126	4.47	30	
cis-1,2-Dichloroethylene	21.5	0.50	ug/L	20.0		107	70-124	4.86	30	
1,2-Dichloropropane	21.9	0.50	ug/L	20.0		109	53-139	7.60	30	
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.4	44-162	3.10	30	
1,3-Dichloropropane	21.3	0.50	ug/L	20.0		107	79-113	2.18	30	
cis-1,3-Dichloropropylene	23.5	0.50	ug/L	20.0		118	67-127	8.73	30	
trans-1,3-Dichloropropylene	21.3	0.50	ug/L	20.0		107	76-121	1.21	30	
1,1-Dichloropropylene	20.4	0.50	ug/L	20.0		102	84-124	2.69	30	

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
LCS Dup (B3K2719-BSD1) Continued										
					Prepared: 11/27/23 Analyzed: 11/28/23					
Diisopropyl ether (DIPE)	22.8	2.0	ug/L	20.0		114	51-136	8.60	30	
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	3.94	30	
Ethyl-tert-Butyl Ether (ETBE)	24.5	2.0	ug/L	20.0		122	62-136	4.55	30	
Hexachlorobutadiene	18.6	1.0	ug/L	20.0		92.8	76-140	8.42	30	
2-Hexanone (MBK)	18.5	20	ug/L	20.0		92.4	52-123	7.75	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	3.46	30	
4-Isopropyltoluene	19.7	1.0	ug/L	20.0		98.4	70-130	5.43	30	
Methyl-tert-Butyl Ether (MTBE)	48.9	1.2	ug/L	40.0		122	58-144	0.946	30	
Methylene Chloride	22.0	5.0	ug/L	20.0		110	50-135	4.83	30	
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0		104	49-139	5.78	30	
Naphthalene	19.5	2.0	ug/L	20.0		97.6	74-128	7.82	30	
n-Propylbenzene	20.5	0.50	ug/L	20.0		103	70-130	4.34	30	
Styrene	20.8	0.50	ug/L	20.0		104	84-123	2.57	30	
1,1,1,2-Tetrachloroethane	21.3	0.50	ug/L	20.0		106	70-130	0.424	30	
1,1,2,2-Tetrachloroethane	22.0	0.50	ug/L	20.0		110	58-126	2.03	30	
Tetrachloroethylene (PCE)	19.1	0.50	ug/L	20.0		95.6	70-130	5.54	30	
Toluene	20.0	0.50	ug/L	20.0		100	83-118	0.549	30	
1,2,3-Trichlorobenzene	20.6	0.50	ug/L	20.0		103	77-134	7.88	30	
1,2,4-Trichlorobenzene	20.7	0.50	ug/L	20.0		103	84-128	5.87	30	
1,1,1-Trichloroethane	21.0	0.50	ug/L	20.0		105	66-158	2.75	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	75-115	0.0927	30	
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0		105	82-128	0.191	30	
Trichlorofluoromethane (R11)	20.8	0.50	ug/L	20.0		104	65-137	6.86	30	
1,2,3-Trichloropropane	20.8	0.50	ug/L	20.0		104	68-123	0.336	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.6	62-130	0.335	30	
1,3,5-Trimethylbenzene	20.9	0.50	ug/L	20.0		105	70-130	3.71	30	
1,2,4-Trimethylbenzene	20.8	0.50	ug/L	20.0		104	70-130	2.28	30	
Vinyl chloride	24.4	0.50	ug/L	20.0		122	51-151	4.60	30	
o-Xylene	20.5	0.50	ug/L	20.0		103	70-130	2.27	30	
m,p-Xylenes	41.4	1.0	ug/L	40.0		104	70-130	3.68	30	

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2719 - EPA 5030B

LCS Dup (B3K2719-BSD1) Continued

Prepared: 11/27/23 Analyzed: 11/28/23

Surrogate: 4-Bromofluorobenzene	49.6		ug/L	50.0		99.3	80-129			
Surrogate: Dibromofluoromethane	54.6		ug/L	50.0		109	68-137			
Surrogate: Toluene-d8	48.4		ug/L	50.0		96.9	83-134			

Matrix Spike (B3K2719-MS1)

Source: 3K14016-10 Prepared & Analyzed: 11/27/23

Acetone	24.1	50	ug/L	20.0	10.5	68.2	11-169			
tert-Amyl-Methyl Ether (TAME)	20.8	2.0	ug/L	20.0	<2.0	104	66-133			
Benzene	21.7	0.50	ug/L	20.0	<0.50	108	56-135			
Bromobenzene	22.8	0.50	ug/L	20.0	<0.50	114	70-130			
Bromochloromethane	22.0	0.50	ug/L	20.0	<0.50	110	74-125			
Bromodichloromethane	22.1	0.50	ug/L	20.0	<0.50	111	68-144			
Bromoform	18.4	0.50	ug/L	20.0	<0.50	92.0	68-151			
Bromomethane	23.8	0.50	ug/L	20.0	<0.50	119	54-142			
2-Butanone (MEK)	20.6	20	ug/L	20.0	<20	103	62-145			
tert-Butyl Alcohol (TBA)	95.2	10	ug/L	100	<10	95.2	73-162			
sec-Butylbenzene	22.2	0.50	ug/L	20.0	<0.50	111	84-145			
tert-Butylbenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130			
n-Butylbenzene	22.5	0.50	ug/L	20.0	<0.50	113	70-130			
Carbon Disulfide	18.0	0.50	ug/L	20.0	<0.50	89.9	28-151			
Carbon Tetrachloride	21.4	0.50	ug/L	20.0	<0.50	107	58-164			
Chlorobenzene	19.2	0.50	ug/L	20.0	<0.50	95.9	70-130			
Chloroethane	24.3	0.50	ug/L	20.0	<0.50	122	42-164			
Chloroform	22.5	0.50	ug/L	20.0	<0.50	113	65-138			
Chloromethane	21.8	0.50	ug/L	20.0	<0.50	109	50-152			
2-Chlorotoluene	22.1	0.50	ug/L	20.0	<0.50	111	70-130			
4-Chlorotoluene	22.2	0.50	ug/L	20.0	<0.50	111	70-130			
1,2-Dibromo-3-chloropropane	22.0	1.0	ug/L	20.0	<1.0	110	53-161			
Dibromochloromethane	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0	<0.50	95.4	76-130			
Dibromomethane	22.2	0.50	ug/L	20.0	<0.50	111	62-135			
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130			
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130			
1,4-Dichlorobenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike (B3K2719-MS1) Continued Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Dichlorodifluoromethane (R12)	19.9	0.50	ug/L	20.0	<0.50	99.4	17-153			
1,1-Dichloroethane	22.4	0.50	ug/L	20.0	<0.50	112	55-131			
1,2-Dichloroethane (EDC)	22.3	0.50	ug/L	20.0	<0.50	111	52-168			
1,1-Dichloroethylene	21.5	0.50	ug/L	20.0	<0.50	107	51-140			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0	<0.50	105	59-127			
cis-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0	<0.50	105	70-130			
1,2-Dichloropropane	21.4	0.50	ug/L	20.0	<0.50	107	52-142			
2,2-Dichloropropane	20.5	0.50	ug/L	20.0	<0.50	102	36-168			
1,3-Dichloropropane	19.0	0.50	ug/L	20.0	<0.50	95.1	80-121			
cis-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0	<0.50	109	66-130			
trans-1,3-Dichloropropylene	18.9	0.50	ug/L	20.0	<0.50	94.5	78-130			
1,1-Dichloropropylene	21.1	0.50	ug/L	20.0	<0.50	105	76-132			
Diisopropyl ether (DIPE)	21.6	2.0	ug/L	20.0	<2.0	108	52-138			
Ethylbenzene	20.0	0.50	ug/L	20.0	<0.50	100	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.2	2.0	ug/L	20.0	<2.0	116	64-137			
Hexachlorobutadiene	21.4	1.0	ug/L	20.0	<1.0	107	70-130			
2-Hexanone (MBK)	16.4	20	ug/L	20.0	<20	82.0	52-141			
Isopropylbenzene	22.8	0.50	ug/L	20.0	<0.50	114	70-130			
4-Isopropyltoluene	21.7	1.0	ug/L	20.0	<1.0	109	83-149			
Methyl-tert-Butyl Ether (MTBE)	46.5	1.2	ug/L	40.0	<1.2	116	56-150			
Methylene Chloride	20.7	5.0	ug/L	20.0	<5.0	104	70-130			
4-Methyl-2-pentanone (MIBK)	20.7	20	ug/L	20.0	<10	104	60-148			
Naphthalene	20.5	2.0	ug/L	20.0	<2.0	102	70-130			
n-Propylbenzene	22.8	0.50	ug/L	20.0	<0.50	114	70-130			
Styrene	18.3	0.50	ug/L	20.0	<0.50	91.5	65-141			
1,1,1,2-Tetrachloroethane	19.2	0.50	ug/L	20.0	<0.50	95.8	70-130			
1,1,2,2-Tetrachloroethane	19.7	0.50	ug/L	20.0	<0.50	98.3	62-134			
Tetrachloroethylene (PCE)	19.0	0.50	ug/L	20.0	<0.50	95.0	70-130			
Toluene	19.3	0.50	ug/L	20.0	<0.50	96.4	81-123			
1,2,3-Trichlorobenzene	22.4	0.50	ug/L	20.0	<0.50	112	73-144			
1,2,4-Trichlorobenzene	21.9	0.50	ug/L	20.0	<0.50	110	80-137			
1,1,1-Trichloroethane	21.6	0.50	ug/L	20.0	<0.50	108	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike (B3K2719-MS1) Continued Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
1,1,2-Trichloroethane	19.4	0.50	ug/L	20.0	<0.50	96.9	76-122			
Trichloroethylene (TCE)	21.9	0.50	ug/L	20.0	<0.50	110	72-136			
Trichlorofluoromethane (R11)	21.1	0.50	ug/L	20.0	<0.50	105	59-144			
1,2,3-Trichloropropane	18.2	0.50	ug/L	20.0	<0.50	91.2	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.3	0.50	ug/L	20.0	<0.50	96.7	62-126			
1,3,5-Trimethylbenzene	22.2	0.50	ug/L	20.0	<0.50	111	70-130			
1,2,4-Trimethylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	89-134			
Vinyl chloride	24.7	0.50	ug/L	20.0	<0.50	124	54-150			
o-Xylene	19.4	0.50	ug/L	20.0	<0.50	96.8	70-130			
m,p-Xylenes	39.8	1.0	ug/L	40.0	<1.0	99.5	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.6</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>44.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.0</i>	<i>83-134</i>			
Matrix Spike Dup (B3K2719-MSD1) Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Acetone	22.1	50	ug/L	20.0	10.5	58.0	11-169	8.83	30	
tert-Amyl-Methyl Ether (TAME)	20.0	2.0	ug/L	20.0	<2.0	100	66-133	3.87	30	
Benzene	21.4	0.50	ug/L	20.0	<0.50	107	56-135	1.21	30	
Bromobenzene	22.8	0.50	ug/L	20.0	<0.50	114	70-130	0.0876	30	
Bromochloromethane	21.1	0.50	ug/L	20.0	<0.50	105	74-125	4.41	30	
Bromodichloromethane	22.0	0.50	ug/L	20.0	<0.50	110	68-144	0.408	30	
Bromoform	19.9	0.50	ug/L	20.0	<0.50	99.4	68-151	7.84	30	
Bromomethane	24.2	0.50	ug/L	20.0	<0.50	121	54-142	1.75	30	
2-Butanone (MEK)	19.5	20	ug/L	20.0	<20	97.7	62-145	5.18	30	
tert-Butyl Alcohol (TBA)	94.4	10	ug/L	100	<10	94.4	73-162	0.875	30	
sec-Butylbenzene	21.7	0.50	ug/L	20.0	<0.50	109	84-145	2.09	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	1.43	30	
n-Butylbenzene	21.8	0.50	ug/L	20.0	<0.50	109	70-130	3.11	30	
Carbon Disulfide	17.2	0.50	ug/L	20.0	<0.50	85.8	28-151	4.73	30	
Carbon Tetrachloride	20.8	0.50	ug/L	20.0	<0.50	104	58-164	2.51	30	
Chlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130	12.0	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike Dup (B3K2719-MSD1) Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Continued										
Chloroethane	24.0	0.50	ug/L	20.0	<0.50	120	42-164	1.41	30	
Chloroform	22.4	0.50	ug/L	20.0	<0.50	112	65-138	0.669	30	
Chloromethane	21.7	0.50	ug/L	20.0	<0.50	109	50-152	0.138	30	
2-Chlorotoluene	22.1	0.50	ug/L	20.0	<0.50	111	70-130	0.0904	30	
4-Chlorotoluene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	0.135	30	
1,2-Dibromo-3-chloropropane	21.9	1.0	ug/L	20.0	<1.0	109	53-161	0.820	30	
Dibromochloromethane	20.8	0.50	ug/L	20.0	<0.50	104	70-130	9.68	30	
1,2-Dibromoethane (EDB)	21.1	0.50	ug/L	20.0	<0.50	105	76-130	9.91	30	
Dibromomethane	21.4	0.50	ug/L	20.0	<0.50	107	62-135	3.66	30	
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130	0.278	30	
1,2-Dichlorobenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130	0.00	30	
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130	1.70	30	
Dichlorodifluoromethane (R12)	19.6	0.50	ug/L	20.0	<0.50	98.1	17-153	1.37	30	
1,1-Dichloroethane	21.4	0.50	ug/L	20.0	<0.50	107	55-131	4.38	30	
1,2-Dichloroethane (EDC)	21.4	0.50	ug/L	20.0	<0.50	107	52-168	3.80	30	
1,1-Dichloroethylene	20.4	0.50	ug/L	20.0	<0.50	102	51-140	5.21	30	
trans-1,2-Dichloroethylene	20.5	0.50	ug/L	20.0	<0.50	102	59-127	2.74	30	
cis-1,2-Dichloroethylene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	1.29	30	
1,2-Dichloropropane	21.0	0.50	ug/L	20.0	<0.50	105	52-142	1.80	30	
2,2-Dichloropropane	19.5	0.50	ug/L	20.0	<0.50	97.3	36-168	5.16	30	
1,3-Dichloropropane	20.7	0.50	ug/L	20.0	<0.50	104	80-121	8.46	30	
cis-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0	<0.50	107	66-130	1.71	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	78-130	9.43	30	
1,1-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	76-132	1.39	30	
Diisopropyl ether (DIPE)	20.9	2.0	ug/L	20.0	<2.0	105	52-138	3.38	30	
Ethylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	86-128	11.1	30	
Ethyl-tert-Butyl Ether (ETBE)	21.9	2.0	ug/L	20.0	<2.0	110	64-137	5.75	30	
Hexachlorobutadiene	20.8	1.0	ug/L	20.0	<1.0	104	70-130	2.80	30	
2-Hexanone (MBK)	17.8	20	ug/L	20.0	<20	89.2	52-141	8.53	30	
Isopropylbenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130	1.01	30	
4-Isopropyltoluene	21.7	1.0	ug/L	20.0	<1.0	108	83-149	0.369	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2719 - EPA 5030B</i>										
Matrix Spike Dup (B3K2719-MSD1) Source: 3K14016-10 Prepared & Analyzed: 11/27/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	44.1	1.2	ug/L	40.0	<1.2	110	56-150	5.21	30	
Methylene Chloride	19.9	5.0	ug/L	20.0	<5.0	99.4	70-130	4.04	30	
4-Methyl-2-pentanone (MIBK)	18.4	20	ug/L	20.0	<10	91.8	60-148	12.2	30	
Naphthalene	21.3	2.0	ug/L	20.0	<2.0	107	70-130	4.02	30	
n-Propylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130	1.77	30	
Styrene	19.8	0.50	ug/L	20.0	<0.50	99.2	65-141	8.13	30	
1,1,1,2-Tetrachloroethane	21.0	0.50	ug/L	20.0	<0.50	105	70-130	9.30	30	
1,1,2,2-Tetrachloroethane	21.4	0.50	ug/L	20.0	<0.50	107	62-134	8.62	30	
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0	<0.50	105	70-130	9.67	30	
Toluene	21.6	0.50	ug/L	20.0	<0.50	108	81-123	11.4	30	
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	109	73-144	2.95	30	
1,2,4-Trichlorobenzene	21.9	0.50	ug/L	20.0	<0.50	110	80-137	0.182	30	
1,1,1-Trichloroethane	20.9	0.50	ug/L	20.0	<0.50	105	62-164	3.15	30	
1,1,2-Trichloroethane	21.4	0.50	ug/L	20.0	<0.50	107	76-122	9.72	30	
Trichloroethylene (TCE)	21.0	0.50	ug/L	20.0	<0.50	105	72-136	4.38	30	
Trichlorofluoromethane (R11)	20.9	0.50	ug/L	20.0	<0.50	104	59-144	1.00	30	
1,2,3-Trichloropropane	20.8	0.50	ug/L	20.0	<0.50	104	69-135	13.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0	<0.50	94.0	62-126	2.78	30	
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130	0.493	30	
1,2,4-Trimethylbenzene	22.2	0.50	ug/L	20.0	<0.50	111	89-134	0.944	30	
Vinyl chloride	24.5	0.50	ug/L	20.0	<0.50	123	54-150	0.691	30	
o-Xylene	21.5	0.50	ug/L	20.0	<0.50	107	70-130	10.3	30	
m,p-Xylenes	44.2	1.0	ug/L	40.0	<1.0	110	70-130	10.4	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>50.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.2</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K1621 - EPA 3510C

Blank (B3K1621-BLK1)

Prepared: 11/16/23 Analyzed: 11/20/23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K1621 - EPA 3510C</i>										
Blank (B3K1621-BLK1) Continued Prepared: 11/16/23 Analyzed: 11/20/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0419</i>		<i>mg/L</i>	<i>0.0400</i>		<i>105</i>	<i>50-150</i>			
LCS (B3K1621-BS1) Prepared: 11/16/23 Analyzed: 11/20/23										
Diesel Range Organics as Diesel	0.530	0.10	mg/L	0.800		66.3	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0311</i>		<i>mg/L</i>	<i>0.0400</i>		<i>77.8</i>	<i>50-150</i>			
LCS Dup (B3K1621-BSD1) Prepared: 11/16/23 Analyzed: 11/20/23										
Diesel Range Organics as Diesel	0.597	0.10	mg/L	0.800		74.6	36-132	11.8	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0363</i>		<i>mg/L</i>	<i>0.0400</i>		<i>90.8</i>	<i>50-150</i>			
<i>Batch B3K1712 - EPA 3510C</i>										
Blank (B3K1712-BLK1) Prepared & Analyzed: 11/17/23										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0559</i>		<i>mg/L</i>	<i>0.0400</i>		<i>140</i>	<i>50-150</i>			
LCS (B3K1712-BS1) Prepared & Analyzed: 11/17/23										
Diesel Range Organics as Diesel	0.651	0.10	mg/L	0.800		81.4	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0531</i>		<i>mg/L</i>	<i>0.0400</i>		<i>133</i>	<i>50-150</i>			
LCS Dup (B3K1712-BSD1) Prepared & Analyzed: 11/17/23										
Diesel Range Organics as Diesel	0.701	0.10	mg/L	0.800		87.6	36-132	7.30	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0343</i>		<i>mg/L</i>	<i>0.0400</i>		<i>85.8</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K2015 - *** DEFAULT PREP ***</i>										
Blank (B3K2015-BLK1) Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>49.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.6</i>	<i>80-120</i>			
LCS (B3K2015-BS1) Prepared & Analyzed: 11/20/23										
Gasoline Range Organics (GRO)	532	100	ug/L	500		106	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>54.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>110</i>	<i>80-120</i>			
LCS Dup (B3K2015-BSD1) Prepared & Analyzed: 11/20/23										

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K2015 - *** DEFAULT PREP ***</i>										
LCS Dup (B3K2015-BSD1) Continued				Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	423	100	ug/L	500		84.6	75-125	22.9	30	
Surrogate: a,a,a-Trifluorotoluene	46.7		ug/L	50.0		93.5	80-120			
Matrix Spike (B3K2015-MS1)				Source: 3K14015-03 Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	484	100	ug/L	500		96.9	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	52.4		ug/L	50.0		105	80-120			
Matrix Spike Dup (B3K2015-MSD1)				Source: 3K14015-03 Prepared & Analyzed: 11/20/23						
Gasoline Range Organics (GRO)	454	100	ug/L	500		90.7	70-130	6.52	30	
Surrogate: a,a,a-Trifluorotoluene	49.5		ug/L	50.0		98.9	80-120			
<i>Batch B3K2123 - *** DEFAULT PREP ***</i>										
Blank (B3K2123-BLK1)				Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	50.3		ug/L	50.0		101	80-120			
LCS (B3K2123-BS1)				Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	573	100	ug/L	500		115	75-125		30	
Surrogate: a,a,a-Trifluorotoluene	52.5		ug/L	50.0		105	80-120			
LCS Dup (B3K2123-BSD1)				Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	523	100	ug/L	500		105	75-125	9.09	30	
Surrogate: a,a,a-Trifluorotoluene	52.0		ug/L	50.0		104	80-120			
Matrix Spike (B3K2123-MS1)				Source: 3K14016-13 Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	560	100	ug/L	500	29.6	106	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	53.0		ug/L	50.0		106	80-120			
Matrix Spike Dup (B3K2123-MSD1)				Source: 3K14016-13 Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	510	100	ug/L	500	29.6	96.1	70-130	9.36	30	
Surrogate: a,a,a-Trifluorotoluene	49.9		ug/L	50.0		99.8	80-120			

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335349
Date Received: 11/14/23
Date Reported: 12/11/23

Special Notes

- [1] = **QL-02** : The recovery for this analyte is outside of the acceptance control limits for the LCS. The data was validated based on the acceptable recovery for this analyte in the LCSD.
- [2] = **QR-02** : The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

A handwritten signature in black ink, appearing to read 'Viorel Vasile'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 11, 2023

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 091-NOR-001
A5335351 / 3K15010**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/15/23 18:01 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report or require additional information please call me at American Analytix.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile'.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	3K15010-01	Water	5	11/15/23 06:00	11/15/23 18:01
QCEB-1	3K15010-02	Water	5	11/15/23 07:40	11/15/23 18:01

8260B+OXYGENATES

GMW-7	3K15010-03	Water	5	11/15/23 08:15	11/15/23 18:01
PZ-3	3K15010-04	Water	5	11/15/23 09:00	11/15/23 18:01
TF-9R	3K15010-05	Water	5	11/15/23 09:45	11/15/23 18:01
GW-14R	3K15010-06	Water	5	11/15/23 10:25	11/15/23 18:01

Diesel Range Organics 8015M

QCEB-1	3K15010-02	Water	5	11/15/23 07:40	11/15/23 18:01
GMW-7	3K15010-03	Water	5	11/15/23 08:15	11/15/23 18:01
PZ-3	3K15010-04	Water	5	11/15/23 09:00	11/15/23 18:01
TF-9R	3K15010-05	Water	5	11/15/23 09:45	11/15/23 18:01
GW-14R	3K15010-06	Water	5	11/15/23 10:25	11/15/23 18:01

Gasoline Range Organics 8015M

GMW-7	3K15010-03	Water	5	11/15/23 08:15	11/15/23 18:01
PZ-3	3K15010-04	Water	5	11/15/23 09:00	11/15/23 18:01
TF-9R	3K15010-05	Water	5	11/15/23 09:45	11/15/23 18:01

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GW-14R	3K15010-06	Water	5	11/15/23 10:25	11/15/23 18:01

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/15/23	11/15/23	
Date Prepared:	11/29/23	11/29/23	
Date Analyzed:	11/29/23	11/29/23	
AA ID No:	3K15010-01	3K15010-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.50
Carbon Tetrachloride	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/15/23	11/15/23	
Date Prepared:	11/29/23	11/29/23	
Date Analyzed:	11/29/23	11/29/23	
AA ID No:	3K15010-01	3K15010-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	2.0
Gasoline Range Organics (GRO)	<100	<100	100
Hexachlorobutadiene	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	20
Isopropylbenzene	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	20
Naphthalene	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/15/23	11/15/23	
Date Prepared:	11/29/23	11/29/23	
Date Analyzed:	11/29/23	11/29/23	
AA ID No:	3K15010-01	3K15010-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	100%	99%	80-129
Dibromofluoromethane	106%	100%	68-137
Toluene-d8	102%	101%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/15/23	11/15/23	11/15/23	11/15/23	
Date Prepared:	11/29/23	11/29/23	11/29/23	11/29/23	
Date Analyzed:	11/29/23	11/29/23	11/29/23	11/30/23	
AA ID No:	3K15010-03	3K15010-04	3K15010-05	3K15010-06	
Client ID No:	GMW-7	PZ-3	TF-9R	GW-14R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<50	<50	<50	<50	50
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<0.50	<0.50	0.50
Bromoform	<0.50	<0.50	<0.50	<0.50	0.50
Bromomethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Butanone (MEK)	<20	<20	<20	<20	20
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	<0.50	0.54	3.1	0.50
Carbon Tetrachloride	<0.50	<0.50	<0.50	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Chloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Chloroform	<0.50	<0.50	<0.50	<0.50	0.50
Chloromethane	<0.50	<0.50	<0.50	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<1.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<0.50	<0.50	0.50
Dibromomethane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/15/23	11/15/23	11/15/23	11/15/23
Date Prepared:	11/29/23	11/29/23	11/29/23	11/29/23
Date Analyzed:	11/29/23	11/29/23	11/29/23	11/30/23
AA ID No:	3K15010-03	3K15010-04	3K15010-05	3K15010-06
Client ID No:	GMW-7	PZ-3	TF-9R	GW-14R
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1
				MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<0.50	<0.50	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<0.50	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<2.0	<2.0	2.0
Ethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<2.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	1.0
2-Hexanone (MBK)	<20	<20	<20	<20	20
Isopropylbenzene	2.2	<0.50	<0.50	<0.50	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<1.2	<1.2	<1.2	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<20	<20	<20	<20	20
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Styrene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: ug/L

Date Sampled:	11/15/23	11/15/23	11/15/23	11/15/23
Date Prepared:	11/29/23	11/29/23	11/29/23	11/29/23
Date Analyzed:	11/29/23	11/29/23	11/29/23	11/30/23
AA ID No:	3K15010-03	3K15010-04	3K15010-05	3K15010-06
Client ID No:	GMW-7	PZ-3	TF-9R	GW-14R
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1
				MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<0.50	<0.50	0.50
Toluene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<0.50	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<0.50	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<0.50	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<0.50	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<0.50	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<0.50	<0.50	0.50
o-Xylene	<0.50	<0.50	<0.50	<0.50	0.50
m,p-Xylenes	<1.0	<1.0	<1.0	<1.0	1.0

Surrogates					%REC Limits
4-Bromofluorobenzene	97%	96%	96%	99%	80-129
Dibromofluoromethane	101%	98%	96%	97%	68-137
Toluene-d8	104%	100%	103%	101%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/15/23	11/15/23	11/15/23	11/15/23	
Date Prepared:	11/17/23	11/17/23	11/17/23	11/17/23	
Date Analyzed:	11/21/23	11/21/23	11/21/23	11/22/23	
AA ID No:	3K15010-02	3K15010-03	3K15010-04	3K15010-05	
Client ID No:	QCEB-1	GMW-7	PZ-3	TF-9R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	7.4	0.16	<0.10	0.10
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Surrogates

o-Terphenyl	92%	71%	90%	100%	<u>%REC Limits</u> 50-150
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23
Units: mg/L

Date Sampled:	11/15/23	
Date Prepared:	11/17/23	
Date Analyzed:	11/22/23	
AA ID No:	3K15010-06	
Client ID No:	GW-14R	
Matrix:	Water	
Dilution Factor:	2	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	3.2	0.10
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<u>Surrogates</u>		<u>%REC Limits</u>
o-Terphenyl	50%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client:	The Source Group, Inc. (SH)	AA Project No:	A5335351
Project No:	091-NOR-001	Date Received:	11/15/23
Project Name:	DFSP Norwalk GW Sampling	Date Reported:	12/11/23
Method:	Gasoline Range Organics by GC/FID	Units:	ug/L

Date Sampled:	11/15/23	11/15/23	11/15/23	11/15/23	
Date Prepared:	11/21/23	11/21/23	11/21/23	11/22/23	
Date Analyzed:	11/21/23	11/21/23	11/21/23	11/22/23	
AA ID No:	3K15010-03	3K15010-04	3K15010-05	3K15010-06	
Client ID No:	GMW-7	PZ-3	TF-9R	GW-14R	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	<100	<100	<100	<100	100
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Surrogates

a,a,a-Trifluorotoluene	93%	88%	83%	95%	<u>%REC Limits</u> 80-120
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2902 - EPA 5030B

Blank (B3K2902-BLK1)

Prepared & Analyzed: 11/29/23

Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Blank (B3K2902-BLK1) Continued										
Prepared & Analyzed: 11/29/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Gasoline Range Organics (GRO)	<100	100	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Blank (B3K2902-BLK1) Continued										
Prepared & Analyzed: 11/29/23										
1,2,3-Trichloropropane	<0.50	0.50	ug/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.7</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>83-134</i>			
LCS (B3K2902-BS1)										
Prepared & Analyzed: 11/29/23										
Acetone	22.8	50	ug/L	20.0		114	27-123			
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		101	58-133			
Benzene	23.7	0.50	ug/L	20.0		119	60-134			
Bromobenzene	23.5	0.50	ug/L	20.0		118	70-130			
Bromochloromethane	22.6	0.50	ug/L	20.0		113	78-121			
Bromodichloromethane	22.3	0.50	ug/L	20.0		111	74-135			
Bromoform	19.4	0.50	ug/L	20.0		96.8	68-132			
Bromomethane	17.7	0.50	ug/L	20.0		88.3	58-142			
2-Butanone (MEK)	19.7	20	ug/L	20.0		98.5	62-138			
tert-Butyl Alcohol (TBA)	96.3	10	ug/L	100		96.3	65-148			
sec-Butylbenzene	23.1	0.50	ug/L	20.0		115	84-142			
tert-Butylbenzene	23.2	0.50	ug/L	20.0		116	70-130			
n-Butylbenzene	23.8	0.50	ug/L	20.0		119	70-130			
Carbon Disulfide	21.6	0.50	ug/L	20.0		108	17-177			
Carbon Tetrachloride	22.2	0.50	ug/L	20.0		111	66-155			
Chlorobenzene	23.4	0.50	ug/L	20.0		117	70-130			
Chloroethane	20.8	0.50	ug/L	20.0		104	45-166			
Chloroform	23.6	0.50	ug/L	20.0		118	71-131			
Chloromethane	19.9	0.50	ug/L	20.0		99.6	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS (B3K2902-BS1) Continued										
Prepared & Analyzed: 11/29/23										
2-Chlorotoluene	23.4	0.50	ug/L	20.0		117	70-130			
4-Chlorotoluene	23.6	0.50	ug/L	20.0		118	70-130			
1,2-Dibromo-3-chloropropane	18.6	1.0	ug/L	20.0		92.8	53-145			
Dibromochloromethane	20.9	0.50	ug/L	20.0		104	72-133			
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120			
Dibromomethane	21.6	0.50	ug/L	20.0		108	68-124			
1,3-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
1,2-Dichlorobenzene	22.8	0.50	ug/L	20.0		114	70-130			
1,4-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
Dichlorodifluoromethane (R12)	15.7	0.50	ug/L	20.0		78.7	16-148			
1,1-Dichloroethane	23.9	0.50	ug/L	20.0		120	67-120			
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0		105	57-156			
1,1-Dichloroethylene	24.0	0.50	ug/L	20.0		120	50-149			
trans-1,2-Dichloroethylene	23.5	0.50	ug/L	20.0		118	66-126			
cis-1,2-Dichloroethylene	22.4	0.50	ug/L	20.0		112	70-124			
1,2-Dichloropropane	22.7	0.50	ug/L	20.0		113	53-139			
2,2-Dichloropropane	22.1	0.50	ug/L	20.0		110	44-162			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		108	79-113			
cis-1,3-Dichloropropylene	23.0	0.50	ug/L	20.0		115	67-127			
trans-1,3-Dichloropropylene	22.4	0.50	ug/L	20.0		112	76-121			
1,1-Dichloropropylene	22.9	0.50	ug/L	20.0		114	84-124			
Diisopropyl ether (DIPE)	22.7	2.0	ug/L	20.0		114	51-136			
Ethylbenzene	23.9	0.50	ug/L	20.0		120	86-124			
Ethyl-tert-Butyl Ether (ETBE)	21.4	2.0	ug/L	20.0		107	62-136			
Gasoline Range Organics (GRO)	569	100	ug/L	500		114	60-123			
Hexachlorobutadiene	21.6	1.0	ug/L	20.0		108	76-140			
2-Hexanone (MBK)	18.3	20	ug/L	20.0		91.6	52-123			
Isopropylbenzene	23.9	0.50	ug/L	20.0		120	70-130			
4-Isopropyltoluene	22.9	1.0	ug/L	20.0		114	70-130			
Methyl-tert-Butyl Ether (MTBE)	42.7	1.2	ug/L	40.0		107	58-144			
Methylene Chloride	24.0	5.0	ug/L	20.0		120	50-135			
4-Methyl-2-pentanone (MIBK)	19.1	20	ug/L	20.0		95.7	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS (B3K2902-BS1) Continued										
Prepared & Analyzed: 11/29/23										
Naphthalene	18.5	2.0	ug/L	20.0		92.4	74-128			
n-Propylbenzene	24.3	0.50	ug/L	20.0		122	70-130			
Styrene	23.1	0.50	ug/L	20.0		115	84-123			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		105	70-130			
1,1,2,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	58-126			
Tetrachloroethylene (PCE)	22.8	0.50	ug/L	20.0		114	70-130			
Toluene	23.3	0.50	ug/L	20.0		116	83-118			
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	77-134			
1,2,4-Trichlorobenzene	22.1	0.50	ug/L	20.0		111	84-128			
1,1,1-Trichloroethane	21.4	0.50	ug/L	20.0		107	66-158			
1,1,2-Trichloroethane	22.5	0.50	ug/L	20.0		112	75-115			
Trichloroethylene (TCE)	22.9	0.50	ug/L	20.0		114	82-128			
Trichlorofluoromethane (R11)	17.0	0.50	ug/L	20.0		85.0	65-137			
1,2,3-Trichloropropane	19.6	0.50	ug/L	20.0		97.8	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.5	0.50	ug/L	20.0		82.6	62-130			
1,3,5-Trimethylbenzene	23.8	0.50	ug/L	20.0		119	70-130			
1,2,4-Trimethylbenzene	23.2	0.50	ug/L	20.0		116	70-130			
Vinyl chloride	20.7	0.50	ug/L	20.0		103	51-151			
o-Xylene	22.8	0.50	ug/L	20.0		114	70-130			
m,p-Xylenes	47.1	1.0	ug/L	40.0		118	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.9		ug/L	50.0		97.8	80-129			
<i>Surrogate: Dibromofluoromethane</i>	47.9		ug/L	50.0		95.8	68-137			
<i>Surrogate: Toluene-d8</i>	49.8		ug/L	50.0		99.7	83-134			
LCS Dup (B3K2902-BSD1)										
Prepared & Analyzed: 11/29/23										
Acetone	20.0	50	ug/L	20.0		100	27-123	13.1	30	
tert-Amyl-Methyl Ether (TAME)	21.1	2.0	ug/L	20.0		105	58-133	4.57	30	
Benzene	23.7	0.50	ug/L	20.0		119	60-134	0.0843	30	
Bromobenzene	24.5	0.50	ug/L	20.0		123	70-130	4.12	30	
Bromochloromethane	23.0	0.50	ug/L	20.0		115	78-121	1.53	30	
Bromodichloromethane	22.7	0.50	ug/L	20.0		114	74-135	2.00	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS Dup (B3K2902-BSD1) Continued										
Prepared & Analyzed: 11/29/23										
Bromoform	19.7	0.50	ug/L	20.0		98.6	68-132	1.84	30	
Bromomethane	23.1	0.50	ug/L	20.0		116	58-142	26.9	30	
2-Butanone (MEK)	21.2	20	ug/L	20.0		106	62-138	7.38	30	
tert-Butyl Alcohol (TBA)	97.3	10	ug/L	100		97.3	65-148	0.981	30	
sec-Butylbenzene	24.3	0.50	ug/L	20.0		121	84-142	5.11	30	
tert-Butylbenzene	24.7	0.50	ug/L	20.0		124	70-130	6.26	30	
n-Butylbenzene	24.0	0.50	ug/L	20.0		120	70-130	0.544	30	
Carbon Disulfide	21.4	0.50	ug/L	20.0		107	17-177	0.975	30	
Carbon Tetrachloride	21.1	0.50	ug/L	20.0		106	66-155	5.03	30	
Chlorobenzene	23.3	0.50	ug/L	20.0		116	70-130	0.514	30	
Chloroethane	24.5	0.50	ug/L	20.0		123	45-166	16.5	30	
Chloroform	24.0	0.50	ug/L	20.0		120	71-131	1.85	30	
Chloromethane	22.8	0.50	ug/L	20.0		114	48-152	13.6	30	
2-Chlorotoluene	24.1	0.50	ug/L	20.0		121	70-130	3.16	30	
4-Chlorotoluene	24.5	0.50	ug/L	20.0		123	70-130	3.95	30	
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0		103	53-145	10.6	30	
Dibromochloromethane	21.9	0.50	ug/L	20.0		110	72-133	4.77	30	
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120	0.231	30	
Dibromomethane	22.4	0.50	ug/L	20.0		112	68-124	3.95	30	
1,3-Dichlorobenzene	23.5	0.50	ug/L	20.0		117	70-130	3.42	30	
1,2-Dichlorobenzene	23.8	0.50	ug/L	20.0		119	70-130	4.25	30	
1,4-Dichlorobenzene	23.3	0.50	ug/L	20.0		117	70-130	2.78	30	
Dichlorodifluoromethane (R12)	17.3	0.50	ug/L	20.0		86.5	16-148	9.44	30	
1,1-Dichloroethane	24.7	0.50	ug/L	20.0		123	67-120	3.21	30	QL-03
1,2-Dichloroethane (EDC)	22.0	0.50	ug/L	20.0		110	57-156	4.98	30	
1,1-Dichloroethylene	24.5	0.50	ug/L	20.0		123	50-149	2.10	30	
trans-1,2-Dichloroethylene	23.9	0.50	ug/L	20.0		120	66-126	1.64	30	
cis-1,2-Dichloroethylene	22.7	0.50	ug/L	20.0		113	70-124	1.11	30	
1,2-Dichloropropane	23.2	0.50	ug/L	20.0		116	53-139	2.14	30	
2,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	44-162	6.11	30	
1,3-Dichloropropane	21.6	0.50	ug/L	20.0		108	79-113	0.603	30	
cis-1,3-Dichloropropylene	22.8	0.50	ug/L	20.0		114	67-127	0.960	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS Dup (B3K2902-BSD1) Continued										
Prepared & Analyzed: 11/29/23										
trans-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	76-121	4.05	30	
1,1-Dichloropropylene	22.9	0.50	ug/L	20.0		114	84-124	0.00	30	
Diisopropyl ether (DIPE)	23.2	2.0	ug/L	20.0		116	51-136	2.22	30	
Ethylbenzene	24.1	0.50	ug/L	20.0		121	86-124	0.833	30	
Ethyl-tert-Butyl Ether (ETBE)	23.5	2.0	ug/L	20.0		117	62-136	9.08	30	
Gasoline Range Organics (GRO)	550	100	ug/L	500		110	60-123	3.50	30	
Hexachlorobutadiene	20.6	1.0	ug/L	20.0		103	76-140	4.88	30	
2-Hexanone (MBK)	19.0	20	ug/L	20.0		95.2	52-123	3.75	30	
Isopropylbenzene	24.8	0.50	ug/L	20.0		124	70-130	3.69	30	
4-Isopropyltoluene	23.5	1.0	ug/L	20.0		118	70-130	2.84	30	
Methyl-tert-Butyl Ether (MTBE)	48.0	1.2	ug/L	40.0		120	58-144	11.8	30	
Methylene Chloride	23.4	5.0	ug/L	20.0		117	50-135	2.53	30	
4-Methyl-2-pentanone (MIBK)	20.4	20	ug/L	20.0		102	49-139	6.23	30	
Naphthalene	20.5	2.0	ug/L	20.0		103	74-128	10.4	30	
n-Propylbenzene	24.9	0.50	ug/L	20.0		125	70-130	2.48	30	
Styrene	22.9	0.50	ug/L	20.0		115	84-123	0.739	30	
1,1,1,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	70-130	5.98	30	
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126	5.96	30	
Tetrachloroethylene (PCE)	21.6	0.50	ug/L	20.0		108	70-130	5.14	30	
Toluene	23.0	0.50	ug/L	20.0		115	83-118	1.34	30	
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0		112	77-134	2.95	30	
1,2,4-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	84-128	1.30	30	
1,1,1-Trichloroethane	21.6	0.50	ug/L	20.0		108	66-158	0.836	30	
1,1,2-Trichloroethane	22.8	0.50	ug/L	20.0		114	75-115	1.46	30	
Trichloroethylene (TCE)	22.8	0.50	ug/L	20.0		114	82-128	0.351	30	
Trichlorofluoromethane (R11)	20.2	0.50	ug/L	20.0		101	65-137	17.4	30	
1,2,3-Trichloropropane	20.6	0.50	ug/L	20.0		103	68-123	5.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.9	0.50	ug/L	20.0		94.4	62-130	13.2	30	
1,3,5-Trimethylbenzene	24.4	0.50	ug/L	20.0		122	70-130	2.66	30	
1,2,4-Trimethylbenzene	24.3	0.50	ug/L	20.0		121	70-130	4.34	30	
Vinyl chloride	23.9	0.50	ug/L	20.0		119	51-151	14.5	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS Dup (B3K2902-BSD1) Continued										
Prepared & Analyzed: 11/29/23										
o-Xylene	23.0	0.50	ug/L	20.0		115	70-130	0.831	30	
m,p-Xylenes	47.4	1.0	ug/L	40.0		118	70-130	0.572	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	48.8		ug/L	50.0		97.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.0		ug/L	50.0		96.0	68-137			
<i>Surrogate: Toluene-d8</i>	48.9		ug/L	50.0		97.9	83-134			
Matrix Spike (B3K2902-MS1)										
Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Acetone	40.3	50	ug/L	20.0	19.2	106	11-169			
tert-Amyl-Methyl Ether (TAME)	20.2	2.0	ug/L	20.0		101	66-133			
Benzene	22.4	0.50	ug/L	20.0		112	56-135			
Bromobenzene	22.3	0.50	ug/L	20.0		111	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		107	74-125			
Bromodichloromethane	21.0	0.50	ug/L	20.0		105	68-144			
Bromoform	19.5	0.50	ug/L	20.0		97.6	68-151			
Bromomethane	18.0	0.50	ug/L	20.0		90.2	54-142			
2-Butanone (MEK)	21.1	20	ug/L	20.0		106	62-145			
tert-Butyl Alcohol (TBA)	101	10	ug/L	100		101	73-162			
sec-Butylbenzene	21.8	0.50	ug/L	20.0	0.360	107	84-145			
tert-Butylbenzene	21.9	0.50	ug/L	20.0	0.360	108	70-130			
n-Butylbenzene	22.0	0.50	ug/L	20.0		110	70-130			
Carbon Disulfide	21.0	0.50	ug/L	20.0		105	28-151			
Carbon Tetrachloride	20.0	0.50	ug/L	20.0		100	58-164			
Chlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
Chloroethane	22.2	0.50	ug/L	20.0		111	42-164			
Chloroform	22.1	0.50	ug/L	20.0		110	65-138			
Chloromethane	21.6	0.50	ug/L	20.0		108	50-152			
2-Chlorotoluene	22.0	0.50	ug/L	20.0		110	70-130			
4-Chlorotoluene	22.3	0.50	ug/L	20.0		111	70-130			
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0		113	53-161			
Dibromochloromethane	20.2	0.50	ug/L	20.0		101	70-130			
1,2-Dibromoethane (EDB)	21.1	0.50	ug/L	20.0		105	76-130			
Dibromomethane	21.8	0.50	ug/L	20.0		109	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike (B3K2902-MS1) Continued Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
1,3-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dichlorobenzene	21.7	0.50	ug/L	20.0		109	70-130			
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Dichlorodifluoromethane (R12)	16.2	0.50	ug/L	20.0		81.0	17-153			
1,1-Dichloroethane	22.6	0.50	ug/L	20.0		113	55-131			
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0		105	52-168			
1,1-Dichloroethylene	23.1	0.50	ug/L	20.0		116	51-140			
trans-1,2-Dichloroethylene	23.1	0.50	ug/L	20.0		116	59-127			
cis-1,2-Dichloroethylene	21.5	0.50	ug/L	20.0		108	70-130			
1,2-Dichloropropane	21.1	0.50	ug/L	20.0		106	52-142			
2,2-Dichloropropane	19.7	0.50	ug/L	20.0		98.6	36-168			
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	80-121			
cis-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0		109	66-130			
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130			
1,1-Dichloropropylene	21.4	0.50	ug/L	20.0		107	76-132			
Diisopropyl ether (DIPE)	21.5	2.0	ug/L	20.0		108	52-138			
Ethylbenzene	22.3	0.50	ug/L	20.0		111	86-128			
Ethyl-tert-Butyl Ether (ETBE)	21.1	2.0	ug/L	20.0		105	64-137			
Hexachlorobutadiene	18.5	1.0	ug/L	20.0		92.3	70-130			
2-Hexanone (MBK)	19.0	20	ug/L	20.0		95.1	52-141			
Isopropylbenzene	24.1	0.50	ug/L	20.0	2.19	109	70-130			
4-Isopropyltoluene	21.3	1.0	ug/L	20.0		106	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.4	1.2	ug/L	40.0		111	56-150			
Methylene Chloride	21.3	5.0	ug/L	20.0		107	70-130			
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0		104	60-148			
Naphthalene	20.8	2.0	ug/L	20.0		104	70-130			
n-Propylbenzene	22.6	0.50	ug/L	20.0		113	70-130			
Styrene	21.1	0.50	ug/L	20.0		106	65-141			
1,1,1,2-Tetrachloroethane	19.8	0.50	ug/L	20.0		99.0	70-130			
1,1,2,2-Tetrachloroethane	22.6	0.50	ug/L	20.0		113	62-134			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0		105	70-130			
Toluene	21.6	0.50	ug/L	20.0		108	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs, OXY & TPH Gasoline by GC/MS - Quality Control

Batch B3K2902 - EPA 5030B

Matrix Spike (B3K2902-MS1) Continued Source: 3K15010-03 Prepared & Analyzed: 11/29/23

1,2,3-Trichlorobenzene	19.9	0.50	ug/L	20.0		99.6	73-144			
1,2,4-Trichlorobenzene	20.0	0.50	ug/L	20.0		99.9	80-137			
1,1,1-Trichloroethane	20.3	0.50	ug/L	20.0		102	62-164			
1,1,2-Trichloroethane	22.3	0.50	ug/L	20.0		112	76-122			
Trichloroethylene (TCE)	21.7	0.50	ug/L	20.0		108	72-136			
Trichlorofluoromethane (R11)	18.2	0.50	ug/L	20.0		91.0	59-144			
1,2,3-Trichloropropane	21.3	0.50	ug/L	20.0		107	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0		89.5	62-126			
1,3,5-Trimethylbenzene	22.0	0.50	ug/L	20.0		110	70-130			
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0		110	89-134			
Vinyl chloride	22.0	0.50	ug/L	20.0		110	54-150			
o-Xylene	21.3	0.50	ug/L	20.0		106	70-130			
m,p-Xylenes	43.5	1.0	ug/L	40.0		109	70-130			
Surrogate: 4-Bromofluorobenzene	49.6		ug/L	50.0		99.3	80-129			
Surrogate: Dibromofluoromethane	50.8		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	50.7		ug/L	50.0		101	83-134			

Matrix Spike Dup (B3K2902-MSD1) Source: 3K15010-03 Prepared & Analyzed: 11/29/23

Acetone	37.2	50	ug/L	20.0	19.2	90.2	11-169	7.99	30	
tert-Amyl-Methyl Ether (TAME)	19.5	2.0	ug/L	20.0		97.6	66-133	3.12	30	
Benzene	21.8	0.50	ug/L	20.0		109	56-135	2.63	30	
Bromobenzene	22.2	0.50	ug/L	20.0		111	70-130	0.450	30	
Bromochloromethane	21.1	0.50	ug/L	20.0		106	74-125	0.942	30	
Bromodichloromethane	20.4	0.50	ug/L	20.0		102	68-144	2.95	30	
Bromoform	19.1	0.50	ug/L	20.0		95.6	68-151	2.07	30	
Bromomethane	22.6	0.50	ug/L	20.0		113	54-142	22.4	30	
2-Butanone (MEK)	20.7	20	ug/L	20.0		103	62-145	2.01	30	
tert-Butyl Alcohol (TBA)	119	10	ug/L	100		119	73-162	16.9	30	
sec-Butylbenzene	22.3	0.50	ug/L	20.0	0.360	110	84-145	2.59	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0	0.360	109	70-130	1.50	30	
n-Butylbenzene	22.7	0.50	ug/L	20.0		113	70-130	3.09	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike Dup (B3K2902-MSD1) Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Continued										
Carbon Disulfide	20.6	0.50	ug/L	20.0		103	28-151	2.12	30	
Carbon Tetrachloride	19.6	0.50	ug/L	20.0		98.1	58-164	1.97	30	
Chlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	0.558	30	
Chloroethane	22.3	0.50	ug/L	20.0		112	42-164	0.494	30	
Chloroform	21.4	0.50	ug/L	20.0		107	65-138	3.22	30	
Chloromethane	21.3	0.50	ug/L	20.0		106	50-152	1.68	30	
2-Chlorotoluene	22.2	0.50	ug/L	20.0		111	70-130	0.904	30	
4-Chlorotoluene	22.4	0.50	ug/L	20.0		112	70-130	0.448	30	
1,2-Dibromo-3-chloropropane	23.3	1.0	ug/L	20.0		117	53-161	3.04	30	
Dibromochloromethane	19.8	0.50	ug/L	20.0		99.0	70-130	1.80	30	
1,2-Dibromoethane (EDB)	20.7	0.50	ug/L	20.0		104	76-130	1.82	30	
Dibromomethane	20.5	0.50	ug/L	20.0		102	62-135	6.10	30	
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	1.25	30	
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0		109	70-130	0.459	30	
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130	0.00	30	
Dichlorodifluoromethane (R12)	15.9	0.50	ug/L	20.0		79.4	17-153	1.87	30	
1,1-Dichloroethane	22.2	0.50	ug/L	20.0		111	55-131	1.87	30	
1,2-Dichloroethane (EDC)	19.4	0.50	ug/L	20.0		97.0	52-168	8.16	30	
1,1-Dichloroethylene	23.2	0.50	ug/L	20.0		116	51-140	0.173	30	
trans-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	59-127	5.79	30	
cis-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		106	70-130	1.78	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	52-142	1.86	30	
2,2-Dichloropropane	19.5	0.50	ug/L	20.0		97.6	36-168	1.02	30	
1,3-Dichloropropane	20.8	0.50	ug/L	20.0		104	80-121	2.89	30	
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0		104	66-130	5.22	30	
trans-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0		102	78-130	5.16	30	
1,1-Dichloropropylene	22.0	0.50	ug/L	20.0		110	76-132	2.35	30	
Diisopropyl ether (DIPE)	20.8	2.0	ug/L	20.0		104	52-138	3.50	30	
Ethylbenzene	22.2	0.50	ug/L	20.0		111	86-128	0.315	30	
Ethyl-tert-Butyl Ether (ETBE)	21.2	2.0	ug/L	20.0		106	64-137	0.473	30	
Hexachlorobutadiene	19.4	1.0	ug/L	20.0		97.2	70-130	5.17	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike Dup (B3K2902-MSD1) Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Continued										
2-Hexanone (MBK)	19.6	20	ug/L	20.0		97.8	52-141	2.85	30	
Isopropylbenzene	24.3	0.50	ug/L	20.0	2.19	111	70-130	1.12	30	
4-Isopropyltoluene	21.4	1.0	ug/L	20.0		107	83-149	0.796	30	
Methyl-tert-Butyl Ether (MTBE)	45.2	1.2	ug/L	40.0		113	56-150	1.76	30	
Methylene Chloride	20.4	5.0	ug/L	20.0		102	70-130	4.65	30	
4-Methyl-2-pentanone (MIBK)	20.9	20	ug/L	20.0		105	60-148	0.576	30	
Naphthalene	22.3	2.0	ug/L	20.0		112	70-130	6.91	30	
n-Propylbenzene	23.0	0.50	ug/L	20.0		115	70-130	1.54	30	
Styrene	21.0	0.50	ug/L	20.0		105	65-141	0.618	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130	1.20	30	
1,1,2,2-Tetrachloroethane	22.6	0.50	ug/L	20.0		113	62-134	0.0884	30	
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0		103	70-130	1.88	30	
Toluene	21.5	0.50	ug/L	20.0		107	81-123	0.788	30	
1,2,3-Trichlorobenzene	21.4	0.50	ug/L	20.0		107	73-144	7.03	30	
1,2,4-Trichlorobenzene	20.9	0.50	ug/L	20.0		105	80-137	4.55	30	
1,1,1-Trichloroethane	19.8	0.50	ug/L	20.0		99.0	62-164	2.59	30	
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0		108	76-122	2.91	30	
Trichloroethylene (TCE)	21.3	0.50	ug/L	20.0		106	72-136	1.82	30	
Trichlorofluoromethane (R11)	18.5	0.50	ug/L	20.0		92.7	59-144	1.85	30	
1,2,3-Trichloropropane	21.4	0.50	ug/L	20.0		107	69-135	0.187	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.5	0.50	ug/L	20.0		87.4	62-126	2.43	30	
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	70-130	1.93	30	
1,2,4-Trimethylbenzene	22.1	0.50	ug/L	20.0		110	89-134	0.682	30	
Vinyl chloride	21.0	0.50	ug/L	20.0		105	54-150	4.70	30	
o-Xylene	21.2	0.50	ug/L	20.0		106	70-130	0.188	30	
m,p-Xylenes	44.0	1.0	ug/L	40.0		110	70-130	1.05	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.0</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Blank (B3K2902-BLK1)										
Prepared & Analyzed: 11/29/23										
Acetone	<50	50	ug/L							
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0	ug/L							
Benzene	<0.50	0.50	ug/L							
Bromobenzene	<0.50	0.50	ug/L							
Bromochloromethane	<0.50	0.50	ug/L							
Bromodichloromethane	<0.50	0.50	ug/L							
Bromoform	<0.50	0.50	ug/L							
Bromomethane	<0.50	0.50	ug/L							
2-Butanone (MEK)	<20	20	ug/L							
tert-Butyl Alcohol (TBA)	<10	10	ug/L							
sec-Butylbenzene	<0.50	0.50	ug/L							
tert-Butylbenzene	<0.50	0.50	ug/L							
n-Butylbenzene	<0.50	0.50	ug/L							
Carbon Disulfide	<0.50	0.50	ug/L							
Carbon Tetrachloride	<0.50	0.50	ug/L							
Chlorobenzene	<0.50	0.50	ug/L							
Chloroethane	<0.50	0.50	ug/L							
Chloroform	<0.50	0.50	ug/L							
Chloromethane	<0.50	0.50	ug/L							
2-Chlorotoluene	<0.50	0.50	ug/L							
4-Chlorotoluene	<0.50	0.50	ug/L							
1,2-Dibromo-3-chloropropane	<1.0	1.0	ug/L							
Dibromochloromethane	<0.50	0.50	ug/L							
1,2-Dibromoethane (EDB)	<0.50	0.50	ug/L							
Dibromomethane	<0.50	0.50	ug/L							
1,3-Dichlorobenzene	<0.50	0.50	ug/L							
1,2-Dichlorobenzene	<0.50	0.50	ug/L							
1,4-Dichlorobenzene	<0.50	0.50	ug/L							
Dichlorodifluoromethane (R12)	<0.50	0.50	ug/L							
1,1-Dichloroethane	<0.50	0.50	ug/L							
1,2-Dichloroethane (EDC)	<0.50	0.50	ug/L							
1,1-Dichloroethylene	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Blank (B3K2902-BLK1) Continued										
Prepared & Analyzed: 11/29/23										
trans-1,2-Dichloroethylene	<0.50	0.50	ug/L							
cis-1,2-Dichloroethylene	<0.50	0.50	ug/L							
1,2-Dichloropropane	<0.50	0.50	ug/L							
2,2-Dichloropropane	<0.50	0.50	ug/L							
1,3-Dichloropropane	<0.50	0.50	ug/L							
cis-1,3-Dichloropropylene	<0.50	0.50	ug/L							
trans-1,3-Dichloropropylene	<0.50	0.50	ug/L							
1,1-Dichloropropylene	<0.50	0.50	ug/L							
Diisopropyl ether (DIPE)	<2.0	2.0	ug/L							
Ethylbenzene	<0.50	0.50	ug/L							
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0	ug/L							
Hexachlorobutadiene	<1.0	1.0	ug/L							
2-Hexanone (MBK)	<20	20	ug/L							
Isopropylbenzene	<0.50	0.50	ug/L							
4-Isopropyltoluene	<1.0	1.0	ug/L							
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2	ug/L							
Methylene Chloride	<5.0	5.0	ug/L							
4-Methyl-2-pentanone (MIBK)	<20	20	ug/L							
Naphthalene	<2.0	2.0	ug/L							
n-Propylbenzene	<0.50	0.50	ug/L							
Styrene	<0.50	0.50	ug/L							
1,1,1,2-Tetrachloroethane	<0.50	0.50	ug/L							
1,1,2,2-Tetrachloroethane	<0.50	0.50	ug/L							
Tetrachloroethylene (PCE)	<0.50	0.50	ug/L							
Toluene	<0.50	0.50	ug/L							
1,2,3-Trichlorobenzene	<0.50	0.50	ug/L							
1,2,4-Trichlorobenzene	<0.50	0.50	ug/L							
1,1,1-Trichloroethane	<0.50	0.50	ug/L							
1,1,2-Trichloroethane	<0.50	0.50	ug/L							
Trichloroethylene (TCE)	<0.50	0.50	ug/L							
Trichlorofluoromethane (R11)	<0.50	0.50	ug/L							
1,2,3-Trichloropropane	<0.50	0.50	ug/L							

Viorel Vasile
Operations Manager



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Blank (B3K2902-BLK1) Continued										
Prepared & Analyzed: 11/29/23										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50	ug/L							
1,3,5-Trimethylbenzene	<0.50	0.50	ug/L							
1,2,4-Trimethylbenzene	<0.50	0.50	ug/L							
Vinyl chloride	<0.50	0.50	ug/L							
o-Xylene	<0.50	0.50	ug/L							
m,p-Xylenes	<1.0	1.0	ug/L							
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.7</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>52.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>83-134</i>			
LCS (B3K2902-BS1)										
Prepared & Analyzed: 11/29/23										
Acetone	22.8	50	ug/L	20.0		114	27-123			
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		101	58-133			
Benzene	23.7	0.50	ug/L	20.0		119	60-134			
Bromobenzene	23.5	0.50	ug/L	20.0		118	70-130			
Bromochloromethane	22.6	0.50	ug/L	20.0		113	78-121			
Bromodichloromethane	22.3	0.50	ug/L	20.0		111	74-135			
Bromoform	19.4	0.50	ug/L	20.0		96.8	68-132			
Bromomethane	17.7	0.50	ug/L	20.0		88.3	58-142			
2-Butanone (MEK)	19.7	20	ug/L	20.0		98.5	62-138			
tert-Butyl Alcohol (TBA)	96.3	10	ug/L	100		96.3	65-148			
sec-Butylbenzene	23.1	0.50	ug/L	20.0		115	84-142			
tert-Butylbenzene	23.2	0.50	ug/L	20.0		116	70-130			
n-Butylbenzene	23.8	0.50	ug/L	20.0		119	70-130			
Carbon Disulfide	21.6	0.50	ug/L	20.0		108	17-177			
Carbon Tetrachloride	22.2	0.50	ug/L	20.0		111	66-155			
Chlorobenzene	23.4	0.50	ug/L	20.0		117	70-130			
Chloroethane	20.8	0.50	ug/L	20.0		104	45-166			
Chloroform	23.6	0.50	ug/L	20.0		118	71-131			
Chloromethane	19.9	0.50	ug/L	20.0		99.6	48-152			
2-Chlorotoluene	23.4	0.50	ug/L	20.0		117	70-130			

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Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS (B3K2902-BS1) Continued										
Prepared & Analyzed: 11/29/23										
4-Chlorotoluene	23.6	0.50	ug/L	20.0		118	70-130			
1,2-Dibromo-3-chloropropane	18.6	1.0	ug/L	20.0		92.8	53-145			
Dibromochloromethane	20.9	0.50	ug/L	20.0		104	72-133			
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120			
Dibromomethane	21.6	0.50	ug/L	20.0		108	68-124			
1,3-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
1,2-Dichlorobenzene	22.8	0.50	ug/L	20.0		114	70-130			
1,4-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
Dichlorodifluoromethane (R12)	15.7	0.50	ug/L	20.0		78.7	16-148			
1,1-Dichloroethane	23.9	0.50	ug/L	20.0		120	67-120			
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0		105	57-156			
1,1-Dichloroethylene	24.0	0.50	ug/L	20.0		120	50-149			
trans-1,2-Dichloroethylene	23.5	0.50	ug/L	20.0		118	66-126			
cis-1,2-Dichloroethylene	22.4	0.50	ug/L	20.0		112	70-124			
1,2-Dichloropropane	22.7	0.50	ug/L	20.0		113	53-139			
2,2-Dichloropropane	22.1	0.50	ug/L	20.0		110	44-162			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		108	79-113			
cis-1,3-Dichloropropylene	23.0	0.50	ug/L	20.0		115	67-127			
trans-1,3-Dichloropropylene	22.4	0.50	ug/L	20.0		112	76-121			
1,1-Dichloropropylene	22.9	0.50	ug/L	20.0		114	84-124			
Diisopropyl ether (DIPE)	22.7	2.0	ug/L	20.0		114	51-136			
Ethylbenzene	23.9	0.50	ug/L	20.0		120	86-124			
Ethyl-tert-Butyl Ether (ETBE)	21.4	2.0	ug/L	20.0		107	62-136			
Hexachlorobutadiene	21.6	1.0	ug/L	20.0		108	76-140			
2-Hexanone (MBK)	18.3	20	ug/L	20.0		91.6	52-123			
Isopropylbenzene	23.9	0.50	ug/L	20.0		120	70-130			
4-Isopropyltoluene	22.9	1.0	ug/L	20.0		114	70-130			
Methyl-tert-Butyl Ether (MTBE)	42.7	1.2	ug/L	40.0		107	58-144			
Methylene Chloride	24.0	5.0	ug/L	20.0		120	50-135			
4-Methyl-2-pentanone (MIBK)	19.1	20	ug/L	20.0		95.7	49-139			
Naphthalene	18.5	2.0	ug/L	20.0		92.4	74-128			
n-Propylbenzene	24.3	0.50	ug/L	20.0		122	70-130			

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS (B3K2902-BS1) Continued										
Prepared & Analyzed: 11/29/23										
Styrene	23.1	0.50	ug/L	20.0		115	84-123			
1,1,1,2-Tetrachloroethane	21.1	0.50	ug/L	20.0		105	70-130			
1,1,2,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	58-126			
Tetrachloroethylene (PCE)	22.8	0.50	ug/L	20.0		114	70-130			
Toluene	23.3	0.50	ug/L	20.0		116	83-118			
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0		108	77-134			
1,2,4-Trichlorobenzene	22.1	0.50	ug/L	20.0		111	84-128			
1,1,1-Trichloroethane	21.4	0.50	ug/L	20.0		107	66-158			
1,1,2-Trichloroethane	22.5	0.50	ug/L	20.0		112	75-115			
Trichloroethylene (TCE)	22.9	0.50	ug/L	20.0		114	82-128			
Trichlorofluoromethane (R11)	17.0	0.50	ug/L	20.0		85.0	65-137			
1,2,3-Trichloropropane	19.6	0.50	ug/L	20.0		97.8	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	16.5	0.50	ug/L	20.0		82.6	62-130			
1,3,5-Trimethylbenzene	23.8	0.50	ug/L	20.0		119	70-130			
1,2,4-Trimethylbenzene	23.2	0.50	ug/L	20.0		116	70-130			
Vinyl chloride	20.7	0.50	ug/L	20.0		103	51-151			
o-Xylene	22.8	0.50	ug/L	20.0		114	70-130			
m,p-Xylenes	47.1	1.0	ug/L	40.0		118	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.9		ug/L	50.0		97.8	80-129			
<i>Surrogate: Dibromofluoromethane</i>	47.9		ug/L	50.0		95.8	68-137			
<i>Surrogate: Toluene-d8</i>	49.8		ug/L	50.0		99.7	83-134			
LCS Dup (B3K2902-BSD1)										
Prepared & Analyzed: 11/29/23										
Acetone	20.0	50	ug/L	20.0		100	27-123	13.1	30	
tert-Amyl-Methyl Ether (TAME)	21.1	2.0	ug/L	20.0		105	58-133	4.57	30	
Benzene	23.7	0.50	ug/L	20.0		119	60-134	0.0843	30	
Bromobenzene	24.5	0.50	ug/L	20.0		123	70-130	4.12	30	
Bromochloromethane	23.0	0.50	ug/L	20.0		115	78-121	1.53	30	
Bromodichloromethane	22.7	0.50	ug/L	20.0		114	74-135	2.00	30	
Bromoform	19.7	0.50	ug/L	20.0		98.6	68-132	1.84	30	
Bromomethane	23.1	0.50	ug/L	20.0		116	58-142	26.9	30	

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**LABORATORY ANALYSIS RESULTS**

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Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS Dup (B3K2902-BSD1) Continued										
Prepared & Analyzed: 11/29/23										
2-Butanone (MEK)	21.2	20	ug/L	20.0		106	62-138	7.38	30	
tert-Butyl Alcohol (TBA)	97.3	10	ug/L	100		97.3	65-148	0.981	30	
sec-Butylbenzene	24.3	0.50	ug/L	20.0		121	84-142	5.11	30	
tert-Butylbenzene	24.7	0.50	ug/L	20.0		124	70-130	6.26	30	
n-Butylbenzene	24.0	0.50	ug/L	20.0		120	70-130	0.544	30	
Carbon Disulfide	21.4	0.50	ug/L	20.0		107	17-177	0.975	30	
Carbon Tetrachloride	21.1	0.50	ug/L	20.0		106	66-155	5.03	30	
Chlorobenzene	23.3	0.50	ug/L	20.0		116	70-130	0.514	30	
Chloroethane	24.5	0.50	ug/L	20.0		123	45-166	16.5	30	
Chloroform	24.0	0.50	ug/L	20.0		120	71-131	1.85	30	
Chloromethane	22.8	0.50	ug/L	20.0		114	48-152	13.6	30	
2-Chlorotoluene	24.1	0.50	ug/L	20.0		121	70-130	3.16	30	
4-Chlorotoluene	24.5	0.50	ug/L	20.0		123	70-130	3.95	30	
1,2-Dibromo-3-chloropropane	20.6	1.0	ug/L	20.0		103	53-145	10.6	30	
Dibromochloromethane	21.9	0.50	ug/L	20.0		110	72-133	4.77	30	
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120	0.231	30	
Dibromomethane	22.4	0.50	ug/L	20.0		112	68-124	3.95	30	
1,3-Dichlorobenzene	23.5	0.50	ug/L	20.0		117	70-130	3.42	30	
1,2-Dichlorobenzene	23.8	0.50	ug/L	20.0		119	70-130	4.25	30	
1,4-Dichlorobenzene	23.3	0.50	ug/L	20.0		117	70-130	2.78	30	
Dichlorodifluoromethane (R12)	17.3	0.50	ug/L	20.0		86.5	16-148	9.44	30	
1,1-Dichloroethane	24.7	0.50	ug/L	20.0		123	67-120	3.21	30	QL-03
1,2-Dichloroethane (EDC)	22.0	0.50	ug/L	20.0		110	57-156	4.98	30	
1,1-Dichloroethylene	24.5	0.50	ug/L	20.0		123	50-149	2.10	30	
trans-1,2-Dichloroethylene	23.9	0.50	ug/L	20.0		120	66-126	1.64	30	
cis-1,2-Dichloroethylene	22.7	0.50	ug/L	20.0		113	70-124	1.11	30	
1,2-Dichloropropane	23.2	0.50	ug/L	20.0		116	53-139	2.14	30	
2,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	44-162	6.11	30	
1,3-Dichloropropane	21.6	0.50	ug/L	20.0		108	79-113	0.603	30	
cis-1,3-Dichloropropylene	22.8	0.50	ug/L	20.0		114	67-127	0.960	30	
trans-1,3-Dichloropropylene	21.6	0.50	ug/L	20.0		108	76-121	4.05	30	
1,1-Dichloropropylene	22.9	0.50	ug/L	20.0		114	84-124	0.00	30	

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Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
LCS Dup (B3K2902-BSD1) Continued										
Prepared & Analyzed: 11/29/23										
Diisopropyl ether (DIPE)	23.2	2.0	ug/L	20.0		116	51-136	2.22	30	
Ethylbenzene	24.1	0.50	ug/L	20.0		121	86-124	0.833	30	
Ethyl-tert-Butyl Ether (ETBE)	23.5	2.0	ug/L	20.0		117	62-136	9.08	30	
Hexachlorobutadiene	20.6	1.0	ug/L	20.0		103	76-140	4.88	30	
2-Hexanone (MBK)	19.0	20	ug/L	20.0		95.2	52-123	3.75	30	
Isopropylbenzene	24.8	0.50	ug/L	20.0		124	70-130	3.69	30	
4-Isopropyltoluene	23.5	1.0	ug/L	20.0		118	70-130	2.84	30	
Methyl-tert-Butyl Ether (MTBE)	48.0	1.2	ug/L	40.0		120	58-144	11.8	30	
Methylene Chloride	23.4	5.0	ug/L	20.0		117	50-135	2.53	30	
4-Methyl-2-pentanone (MIBK)	20.4	20	ug/L	20.0		102	49-139	6.23	30	
Naphthalene	20.5	2.0	ug/L	20.0		103	74-128	10.4	30	
n-Propylbenzene	24.9	0.50	ug/L	20.0		125	70-130	2.48	30	
Styrene	22.9	0.50	ug/L	20.0		115	84-123	0.739	30	
1,1,1,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	70-130	5.98	30	
1,1,2,2-Tetrachloroethane	22.4	0.50	ug/L	20.0		112	58-126	5.96	30	
Tetrachloroethylene (PCE)	21.6	0.50	ug/L	20.0		108	70-130	5.14	30	
Toluene	23.0	0.50	ug/L	20.0		115	83-118	1.34	30	
1,2,3-Trichlorobenzene	22.3	0.50	ug/L	20.0		112	77-134	2.95	30	
1,2,4-Trichlorobenzene	22.4	0.50	ug/L	20.0		112	84-128	1.30	30	
1,1,1-Trichloroethane	21.6	0.50	ug/L	20.0		108	66-158	0.836	30	
1,1,2-Trichloroethane	22.8	0.50	ug/L	20.0		114	75-115	1.46	30	
Trichloroethylene (TCE)	22.8	0.50	ug/L	20.0		114	82-128	0.351	30	
Trichlorofluoromethane (R11)	20.2	0.50	ug/L	20.0		101	65-137	17.4	30	
1,2,3-Trichloropropane	20.6	0.50	ug/L	20.0		103	68-123	5.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.9	0.50	ug/L	20.0		94.4	62-130	13.2	30	
1,3,5-Trimethylbenzene	24.4	0.50	ug/L	20.0		122	70-130	2.66	30	
1,2,4-Trimethylbenzene	24.3	0.50	ug/L	20.0		121	70-130	4.34	30	
Vinyl chloride	23.9	0.50	ug/L	20.0		119	51-151	14.5	30	
o-Xylene	23.0	0.50	ug/L	20.0		115	70-130	0.831	30	
m,p-Xylenes	47.4	1.0	ug/L	40.0		118	70-130	0.572	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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VOCs & OXYGENATES by GC/MS - Quality Control

Batch B3K2902 - EPA 5030B

LCS Dup (B3K2902-BSD1) Continued

Prepared & Analyzed: 11/29/23

Surrogate: 4-Bromofluorobenzene	48.8		ug/L	50.0		97.7	80-129			
Surrogate: Dibromofluoromethane	48.0		ug/L	50.0		96.0	68-137			
Surrogate: Toluene-d8	48.9		ug/L	50.0		97.9	83-134			

Matrix Spike (B3K2902-MS1)

Source: 3K15010-03 Prepared & Analyzed: 11/29/23

Acetone	40.3	50	ug/L	20.0	19.2	106	11-169			
tert-Amyl-Methyl Ether (TAME)	20.2	2.0	ug/L	20.0	<2.0	101	66-133			
Benzene	22.4	0.50	ug/L	20.0	<0.50	112	56-135			
Bromobenzene	22.3	0.50	ug/L	20.0	<0.50	111	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0	<0.50	107	74-125			
Bromodichloromethane	21.0	0.50	ug/L	20.0	<0.50	105	68-144			
Bromoform	19.5	0.50	ug/L	20.0	<0.50	97.6	68-151			
Bromomethane	18.0	0.50	ug/L	20.0	<0.50	90.2	54-142			
2-Butanone (MEK)	21.1	20	ug/L	20.0	<20	106	62-145			
tert-Butyl Alcohol (TBA)	101	10	ug/L	100	<10	101	73-162			
sec-Butylbenzene	21.8	0.50	ug/L	20.0	0.360	107	84-145			
tert-Butylbenzene	21.9	0.50	ug/L	20.0	0.360	108	70-130			
n-Butylbenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
Carbon Disulfide	21.0	0.50	ug/L	20.0	<0.50	105	28-151			
Carbon Tetrachloride	20.0	0.50	ug/L	20.0	<0.50	100	58-164			
Chlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130			
Chloroethane	22.2	0.50	ug/L	20.0	<0.50	111	42-164			
Chloroform	22.1	0.50	ug/L	20.0	<0.50	110	65-138			
Chloromethane	21.6	0.50	ug/L	20.0	<0.50	108	50-152			
2-Chlorotoluene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
4-Chlorotoluene	22.3	0.50	ug/L	20.0	<0.50	111	70-130			
1,2-Dibromo-3-chloropropane	22.6	1.0	ug/L	20.0	<1.0	113	53-161			
Dibromochloromethane	20.2	0.50	ug/L	20.0	<0.50	101	70-130			
1,2-Dibromoethane (EDB)	21.1	0.50	ug/L	20.0	<0.50	105	76-130			
Dibromomethane	21.8	0.50	ug/L	20.0	<0.50	109	62-135			
1,3-Dichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130			
1,2-Dichlorobenzene	21.7	0.50	ug/L	20.0	<0.50	109	70-130			
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike (B3K2902-MS1) Continued Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Dichlorodifluoromethane (R12)	16.2	0.50	ug/L	20.0	<0.50	81.0	17-153			
1,1-Dichloroethane	22.6	0.50	ug/L	20.0	<0.50	113	55-131			
1,2-Dichloroethane (EDC)	21.0	0.50	ug/L	20.0	<0.50	105	52-168			
1,1-Dichloroethylene	23.1	0.50	ug/L	20.0	<0.50	116	51-140			
trans-1,2-Dichloroethylene	23.1	0.50	ug/L	20.0	<0.50	116	59-127			
cis-1,2-Dichloroethylene	21.5	0.50	ug/L	20.0	<0.50	108	70-130			
1,2-Dichloropropane	21.1	0.50	ug/L	20.0	<0.50	106	52-142			
2,2-Dichloropropane	19.7	0.50	ug/L	20.0	<0.50	98.6	36-168			
1,3-Dichloropropane	21.4	0.50	ug/L	20.0	<0.50	107	80-121			
cis-1,3-Dichloropropylene	21.8	0.50	ug/L	20.0	<0.50	109	66-130			
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0	<0.50	107	78-130			
1,1-Dichloropropylene	21.4	0.50	ug/L	20.0	<0.50	107	76-132			
Diisopropyl ether (DIPE)	21.5	2.0	ug/L	20.0	<2.0	108	52-138			
Ethylbenzene	22.3	0.50	ug/L	20.0	<0.50	111	86-128			
Ethyl-tert-Butyl Ether (ETBE)	21.1	2.0	ug/L	20.0	<2.0	105	64-137			
Hexachlorobutadiene	18.5	1.0	ug/L	20.0	<1.0	92.3	70-130			
2-Hexanone (MBK)	19.0	20	ug/L	20.0	<20	95.1	52-141			
Isopropylbenzene	24.1	0.50	ug/L	20.0	2.19	109	70-130			
4-Isopropyltoluene	21.3	1.0	ug/L	20.0	<1.0	106	83-149			
Methyl-tert-Butyl Ether (MTBE)	44.4	1.2	ug/L	40.0	<1.2	111	56-150			
Methylene Chloride	21.3	5.0	ug/L	20.0	<5.0	107	70-130			
4-Methyl-2-pentanone (MIBK)	20.8	20	ug/L	20.0	<20	104	60-148			
Naphthalene	20.8	2.0	ug/L	20.0	<2.0	104	70-130			
n-Propylbenzene	22.6	0.50	ug/L	20.0	<0.50	113	70-130			
Styrene	21.1	0.50	ug/L	20.0	<0.50	106	65-141			
1,1,1,2-Tetrachloroethane	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130			
1,1,2,2-Tetrachloroethane	22.6	0.50	ug/L	20.0	<0.50	113	62-134			
Tetrachloroethylene (PCE)	20.9	0.50	ug/L	20.0	<0.50	105	70-130			
Toluene	21.6	0.50	ug/L	20.0	<0.50	108	81-123			
1,2,3-Trichlorobenzene	19.9	0.50	ug/L	20.0	<0.50	99.6	73-144			
1,2,4-Trichlorobenzene	20.0	0.50	ug/L	20.0	<0.50	99.9	80-137			
1,1,1-Trichloroethane	20.3	0.50	ug/L	20.0	<0.50	102	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike (B3K2902-MS1) Continued Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
1,1,2-Trichloroethane	22.3	0.50	ug/L	20.0	<0.50	112	76-122			
Trichloroethylene (TCE)	21.7	0.50	ug/L	20.0	<0.50	108	72-136			
Trichlorofluoromethane (R11)	18.2	0.50	ug/L	20.0	<0.50	91.0	59-144			
1,2,3-Trichloropropane	21.3	0.50	ug/L	20.0	<0.50	107	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.9	0.50	ug/L	20.0	<0.50	89.5	62-126			
1,3,5-Trimethylbenzene	22.0	0.50	ug/L	20.0	<0.50	110	70-130			
1,2,4-Trimethylbenzene	21.9	0.50	ug/L	20.0	<0.50	110	89-134			
Vinyl chloride	22.0	0.50	ug/L	20.0	<0.50	110	54-150			
o-Xylene	21.3	0.50	ug/L	20.0	<0.50	106	70-130			
m,p-Xylenes	43.5	1.0	ug/L	40.0	<1.0	109	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.6		ug/L	50.0		99.3	80-129			
<i>Surrogate: Dibromofluoromethane</i>	50.8		ug/L	50.0		102	68-137			
<i>Surrogate: Toluene-d8</i>	50.7		ug/L	50.0		101	83-134			
Matrix Spike Dup (B3K2902-MSD1) Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Acetone	37.2	50	ug/L	20.0	19.2	90.2	11-169	7.99	30	
tert-Amyl-Methyl Ether (TAME)	19.5	2.0	ug/L	20.0	<2.0	97.6	66-133	3.12	30	
Benzene	21.8	0.50	ug/L	20.0	<0.50	109	56-135	2.63	30	
Bromobenzene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	0.450	30	
Bromochloromethane	21.1	0.50	ug/L	20.0	<0.50	106	74-125	0.942	30	
Bromodichloromethane	20.4	0.50	ug/L	20.0	<0.50	102	68-144	2.95	30	
Bromoform	19.1	0.50	ug/L	20.0	<0.50	95.6	68-151	2.07	30	
Bromomethane	22.6	0.50	ug/L	20.0	<0.50	113	54-142	22.4	30	
2-Butanone (MEK)	20.7	20	ug/L	20.0	<20	103	62-145	2.01	30	
tert-Butyl Alcohol (TBA)	119	10	ug/L	100	<10	119	73-162	16.9	30	
sec-Butylbenzene	22.3	0.50	ug/L	20.0	0.360	110	84-145	2.59	30	
tert-Butylbenzene	22.2	0.50	ug/L	20.0	0.360	109	70-130	1.50	30	
n-Butylbenzene	22.7	0.50	ug/L	20.0	<0.50	113	70-130	3.09	30	
Carbon Disulfide	20.6	0.50	ug/L	20.0	<0.50	103	28-151	2.12	30	
Carbon Tetrachloride	19.6	0.50	ug/L	20.0	<0.50	98.1	58-164	1.97	30	
Chlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130	0.558	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike Dup (B3K2902-MSD1) Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Continued										
Chloroethane	22.3	0.50	ug/L	20.0	<0.50	112	42-164	0.494	30	
Chloroform	21.4	0.50	ug/L	20.0	<0.50	107	65-138	3.22	30	
Chloromethane	21.3	0.50	ug/L	20.0	<0.50	106	50-152	1.68	30	
2-Chlorotoluene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	0.904	30	
4-Chlorotoluene	22.4	0.50	ug/L	20.0	<0.50	112	70-130	0.448	30	
1,2-Dibromo-3-chloropropane	23.3	1.0	ug/L	20.0	<1.0	117	53-161	3.04	30	
Dibromochloromethane	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130	1.80	30	
1,2-Dibromoethane (EDB)	20.7	0.50	ug/L	20.0	<0.50	104	76-130	1.82	30	
Dibromomethane	20.5	0.50	ug/L	20.0	<0.50	102	62-135	6.10	30	
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0	<0.50	108	70-130	1.25	30	
1,2-Dichlorobenzene	21.8	0.50	ug/L	20.0	<0.50	109	70-130	0.459	30	
1,4-Dichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	70-130	0.00	30	
Dichlorodifluoromethane (R12)	15.9	0.50	ug/L	20.0	<0.50	79.4	17-153	1.87	30	
1,1-Dichloroethane	22.2	0.50	ug/L	20.0	<0.50	111	55-131	1.87	30	
1,2-Dichloroethane (EDC)	19.4	0.50	ug/L	20.0	<0.50	97.0	52-168	8.16	30	
1,1-Dichloroethylene	23.2	0.50	ug/L	20.0	<0.50	116	51-140	0.173	30	
trans-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0	<0.50	109	59-127	5.79	30	
cis-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0	<0.50	106	70-130	1.78	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0	<0.50	104	52-142	1.86	30	
2,2-Dichloropropane	19.5	0.50	ug/L	20.0	<0.50	97.6	36-168	1.02	30	
1,3-Dichloropropane	20.8	0.50	ug/L	20.0	<0.50	104	80-121	2.89	30	
cis-1,3-Dichloropropylene	20.7	0.50	ug/L	20.0	<0.50	104	66-130	5.22	30	
trans-1,3-Dichloropropylene	20.4	0.50	ug/L	20.0	<0.50	102	78-130	5.16	30	
1,1-Dichloropropylene	22.0	0.50	ug/L	20.0	<0.50	110	76-132	2.35	30	
Diisopropyl ether (DIPE)	20.8	2.0	ug/L	20.0	<2.0	104	52-138	3.50	30	
Ethylbenzene	22.2	0.50	ug/L	20.0	<0.50	111	86-128	0.315	30	
Ethyl-tert-Butyl Ether (ETBE)	21.2	2.0	ug/L	20.0	<2.0	106	64-137	0.473	30	
Hexachlorobutadiene	19.4	1.0	ug/L	20.0	<1.0	97.2	70-130	5.17	30	
2-Hexanone (MBK)	19.6	20	ug/L	20.0	<20	97.8	52-141	2.85	30	
Isopropylbenzene	24.3	0.50	ug/L	20.0	2.19	111	70-130	1.12	30	
4-Isopropyltoluene	21.4	1.0	ug/L	20.0	<1.0	107	83-149	0.796	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B3K2902 - EPA 5030B</i>										
Matrix Spike Dup (B3K2902-MSD1) Source: 3K15010-03 Prepared & Analyzed: 11/29/23										
Continued										
Methyl-tert-Butyl Ether (MTBE)	45.2	1.2	ug/L	40.0	<1.2	113	56-150	1.76	30	
Methylene Chloride	20.4	5.0	ug/L	20.0	<5.0	102	70-130	4.65	30	
4-Methyl-2-pentanone (MIBK)	20.9	20	ug/L	20.0	<20	105	60-148	0.576	30	
Naphthalene	22.3	2.0	ug/L	20.0	<2.0	112	70-130	6.91	30	
n-Propylbenzene	23.0	0.50	ug/L	20.0	<0.50	115	70-130	1.54	30	
Styrene	21.0	0.50	ug/L	20.0	<0.50	105	65-141	0.618	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0	<0.50	100	70-130	1.20	30	
1,1,2,2-Tetrachloroethane	22.6	0.50	ug/L	20.0	<0.50	113	62-134	0.0884	30	
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0	<0.50	103	70-130	1.88	30	
Toluene	21.5	0.50	ug/L	20.0	<0.50	107	81-123	0.788	30	
1,2,3-Trichlorobenzene	21.4	0.50	ug/L	20.0	<0.50	107	73-144	7.03	30	
1,2,4-Trichlorobenzene	20.9	0.50	ug/L	20.0	<0.50	105	80-137	4.55	30	
1,1,1-Trichloroethane	19.8	0.50	ug/L	20.0	<0.50	99.0	62-164	2.59	30	
1,1,2-Trichloroethane	21.7	0.50	ug/L	20.0	<0.50	108	76-122	2.91	30	
Trichloroethylene (TCE)	21.3	0.50	ug/L	20.0	<0.50	106	72-136	1.82	30	
Trichlorofluoromethane (R11)	18.5	0.50	ug/L	20.0	<0.50	92.7	59-144	1.85	30	
1,2,3-Trichloropropane	21.4	0.50	ug/L	20.0	<0.50	107	69-135	0.187	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	17.5	0.50	ug/L	20.0	<0.50	87.4	62-126	2.43	30	
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0	<0.50	112	70-130	1.93	30	
1,2,4-Trimethylbenzene	22.1	0.50	ug/L	20.0	<0.50	110	89-134	0.682	30	
Vinyl chloride	21.0	0.50	ug/L	20.0	<0.50	105	54-150	4.70	30	
o-Xylene	21.2	0.50	ug/L	20.0	<0.50	106	70-130	0.188	30	
m,p-Xylenes	44.0	1.0	ug/L	40.0	<1.0	110	70-130	1.05	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.0</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.7</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B3K1712 - EPA 3510C

Blank (B3K1712-BLK1)

Prepared & Analyzed: 11/17/23

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B3K1712 - EPA 3510C</i>										
Blank (B3K1712-BLK1) Continued				Prepared & Analyzed: 11/17/23						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0559</i>		<i>mg/L</i>	<i>0.0400</i>		<i>140</i>	<i>50-150</i>			
LCS (B3K1712-BS1)				Prepared & Analyzed: 11/17/23						
Diesel Range Organics as Diesel	0.651	0.10	mg/L	0.800		81.4	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0531</i>		<i>mg/L</i>	<i>0.0400</i>		<i>133</i>	<i>50-150</i>			
LCS Dup (B3K1712-BSD1)				Prepared & Analyzed: 11/17/23						
Diesel Range Organics as Diesel	0.701	0.10	mg/L	0.800		87.6	36-132	7.30	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0343</i>		<i>mg/L</i>	<i>0.0400</i>		<i>85.8</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K2123 - *** DEFAULT PREP ***</i>										
Blank (B3K2123-BLK1)				Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>50.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-120</i>			
LCS (B3K2123-BS1)				Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	573	100	ug/L	500		115	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>105</i>	<i>80-120</i>			
LCS Dup (B3K2123-BSD1)				Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	523	100	ug/L	500		105	75-125	9.09	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>52.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>104</i>	<i>80-120</i>			
Matrix Spike (B3K2123-MS1)				Source: 3K14016-13 Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	560	100	ug/L	500	29.6	106	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-120</i>			
Matrix Spike Dup (B3K2123-MSD1)				Source: 3K14016-13 Prepared & Analyzed: 11/21/23						
Gasoline Range Organics (GRO)	510	100	ug/L	500	29.6	96.1	70-130	9.36	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>49.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.8</i>	<i>80-120</i>			
<i>Batch B3K2225 - *** DEFAULT PREP ***</i>										
Blank (B3K2225-BLK1)				Prepared & Analyzed: 11/22/23						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B3K2225 - *** DEFAULT PREP ***</i>										
Blank (B3K2225-BLK1) Continued				Prepared & Analyzed: 11/22/23						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	46.9		ug/L	50.0		93.8	80-120			
LCS (B3K2225-BS1)				Prepared & Analyzed: 11/22/23						
Gasoline Range Organics (GRO)	511	100	ug/L	500		102	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	54.7		ug/L	50.0		109	80-120			
LCS Dup (B3K2225-BSD1)				Prepared & Analyzed: 11/22/23						
Gasoline Range Organics (GRO)	456	100	ug/L	500		91.2	75-125	11.4	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	45.4		ug/L	50.0		90.9	80-120			
Matrix Spike (B3K2225-MS1)				Source: 3K17005-01 Prepared & Analyzed: 11/22/23						
Gasoline Range Organics (GRO)	503	100	ug/L	500	24.8	95.6	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	53.6		ug/L	50.0		107	80-120			
Matrix Spike Dup (B3K2225-MSD1)				Source: 3K17005-01 Prepared & Analyzed: 11/22/23						
Gasoline Range Organics (GRO)	489	100	ug/L	500	24.8	92.8	70-130	2.75	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	51.1		ug/L	50.0		102	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 091-NOR-001
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5335351
Date Received: 11/15/23
Date Reported: 12/11/23

Special Notes

[1] = **QL-03** : The recovery for this analyte is outside of the acceptance control limits for the LCSD. The data was validated based on the acceptable recovery for this analyte in the LCS.

A handwritten signature in black ink, appearing to read 'Viorel Vasile'.

Viorel Vasile
Operations Manager



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Website: www.alpha-analytical.com

November 17, 2023

Eric Davis
CH2M Hill
2600 Michelson Dr., Suite 500
Irvine, CA 92612
TEL: (949) 547-8969
FAX

RE: DFSP Norwalk

Order No.: CHH2311071

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".

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



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-01 **Matrix:** AQUEOUS
Client Sample ID: TB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-01 **Matrix:** AQUEOUS
Client Sample ID: TB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 8:01:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-02 **Matrix:** AQUEOUS
Client Sample ID: PZ-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.11	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/13/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	40		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	1,700	20		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 8:01:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-02 **Matrix:** AQUEOUS
Client Sample ID: PZ-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/13/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/13/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-03
Client Sample ID: DUP-1

Collection Date: 11/7/2023

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.10	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	79	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/13/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	40		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	1,800	20		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill

Collection Date: 11/7/2023

Project: DFSP Norwalk

Lab ID: 2311071-03

Matrix: AQUEOUS

Client Sample ID: DUP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/13/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/13/2023	EPA 8260

NOTES:

Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 8:44:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-18

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	18	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	97	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	2.0	0.20		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	90	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	40		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	20		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-04
Client Sample ID: GMW-O-18

Collection Date: 11/7/2023 8:44:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/13/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	2.6	2.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	5.9	2.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	3.6	2.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	3.9	2.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	5.8	2.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	4.3	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	2.7	2.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	90	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/13/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 9:49:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-05 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-24

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	82	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	78	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	0.98	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-05
Client Sample ID: GMW-O-24

Collection Date: 11/7/2023 9:49:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	78	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 10:41:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-06 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-19

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.056	0.050	C	mg/L	11/13/2023	EPA 8015C
Surr: Nonane	86	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	78	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-06
Client Sample ID: GMW-O-19

Collection Date: 11/7/2023 10:41:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	78	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 11:32:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-16

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.060	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	85	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	20	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-07
Client Sample ID: GMW-O-16

Collection Date: 11/7/2023 11:32:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 12:56:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-08 **Matrix:** AQUEOUS
Client Sample ID: GMW-36

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.7	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	86	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	2.0		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/13/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	20		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	80		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	20		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	20		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	80		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	20		µg/L	11/13/2023	EPA 8260
Acetone	ND	400		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	20		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	200		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	80		µg/L	11/13/2023	EPA 8260
Freon-113	ND	20		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	100		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	20		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	20		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	2,000		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	400		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	20		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	20		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	20		µg/L	11/13/2023	EPA 8260
Chloroform	ND	20		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	20		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	20		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	20		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	20		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	20		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	20		µg/L	11/13/2023	EPA 8260
Benzene	ND	10		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	20		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	20		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	20		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	20		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	20		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	100		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	20		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	20		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	20		µg/L	11/13/2023	EPA 8260
Toluene	ND	10		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	20		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-08
Client Sample ID: GMW-36

Collection Date: 11/7/2023 12:56:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	200		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	20		µg/L	11/13/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	80		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	20		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	20		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	20		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	10		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	10		µg/L	11/13/2023	EPA 8260
Bromoform	ND	20		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	10		µg/L	11/13/2023	EPA 8260
Styrene	ND	20		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	10		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	20		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	80		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	20		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	20		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	20		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	20		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	20		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	20		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	20		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	20		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	120		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	80		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	80		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	80		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/13/2023	EPA 8260

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

CLIENT: CH2M Hill

Collection Date: 11/7/2023 1:39:00 PM

Project: DFSP Norwalk

Lab ID: 2311071-09

Matrix: AQUEOUS

Client Sample ID: GMW-39

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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

Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 1:39:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-39

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 2:05:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-10 **Matrix:** AQUEOUS
Client Sample ID: MW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill

Collection Date: 11/7/2023 2:05:00 PM

Project: DFSP Norwalk

Lab ID: 2311071-10

Matrix: AQUEOUS

Client Sample ID: MW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/13/2023	EPA 8260

CLIENT: CH2M Hill

Collection Date: 11/7/2023 2:15:00 PM

Project: DFSP Norwalk

Lab ID: 2311071-11

Matrix: AQUEOUS

Client Sample ID: EB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	85	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill

Collection Date: 11/7/2023 2:15:00 PM

Project: DFSP Norwalk

Lab ID: 2311071-11

Matrix: AQUEOUS

Client Sample ID: EB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/6/2023 12:40:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-12 **Matrix:** AQUEOUS
Client Sample ID: EXP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	84	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-12
Client Sample ID: EXP-3

Collection Date: 11/6/2023 12:40:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 10:35:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-13 **Matrix:** AQUEOUS
Client Sample ID: WCW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	84	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	94	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	89	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill

Collection Date: 11/7/2023 10:35:00 AM

Project: DFSP Norwalk

Lab ID: 2311071-13

Matrix: AQUEOUS

Client Sample ID: WCW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	94	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	89	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 9:40:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-14 **Matrix:** AQUEOUS
Client Sample ID: WCW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	87	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 9:40:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-14 **Matrix:** AQUEOUS
Client Sample ID: WCW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/13/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 9:10:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-15 **Matrix:** AQUEOUS
Client Sample ID: WCW-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	80	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	0.75	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 9:10:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-15 **Matrix:** AQUEOUS
Client Sample ID: WCW-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	80	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 8:20:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-16 **Matrix:** AQUEOUS
Client Sample ID: WCW-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	88	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	76	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-16
Client Sample ID: WCW-4

Collection Date: 11/7/2023 8:20:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	76	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 7:50:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-17 **Matrix:** AQUEOUS
Client Sample ID: EXP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	90	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	82	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311071-17
Client Sample ID: EXP-4

Collection Date: 11/7/2023 7:50:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	82	70-130		%Rec	11/13/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 1:45:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-18 **Matrix:** AQUEOUS
Client Sample ID: WCW-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	88	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	80	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill

Collection Date: 11/7/2023 1:45:00 PM

Project: DFSP Norwalk

Lab ID: 2311071-18

Matrix: AQUEOUS

Client Sample ID: WCW-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	80	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 12:35:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-19 **Matrix:** AQUEOUS
Client Sample ID: WCW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	90	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	84	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 12:35:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-19 **Matrix:** AQUEOUS
Client Sample ID: WCW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	84	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 11:30:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-20 **Matrix:** AQUEOUS
Client Sample ID: WCW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	87	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/13/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/13/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	86	70-130		%Rec	11/13/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2023	EPA 8260
Acetone	ND	10		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2023	EPA 8260
Freon-113	ND	10		µg/L	11/13/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/13/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 11:30:00 AM
Project: DFSP Norwalk
Lab ID: 2311071-20 **Matrix:** AQUEOUS
Client Sample ID: WCW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/13/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/13/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/13/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/13/2023	EPA 8260
Surr: 4-Bromofluorobenzene	86	70-130		%Rec	11/13/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill **Collection Date:** 11/7/2023 2:00:00 PM
Project: DFSP Norwalk
Lab ID: 2311071-21 **Matrix:** AQUEOUS
Client Sample ID: EB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	11/14/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/14/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/14/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/14/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/14/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/14/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/14/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/14/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/14/2023	EPA 8260
Acetone	ND	10		µg/L	11/14/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/14/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/14/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/14/2023	EPA 8260
Freon-113	ND	10		µg/L	11/14/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/14/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/14/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/14/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/14/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/14/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/14/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/14/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/14/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/14/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/14/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/14/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/14/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/14/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/14/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/14/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/14/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/14/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/14/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/14/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/14/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/14/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/14/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/14/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/14/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/14/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/14/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/14/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/14/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/14/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/14/2023	EPA 8260



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Analytical Report

WO#: CHH2311071

Report Date: 11/17/2023

CLIENT: CH2M Hill

Collection Date: 11/7/2023 2:00:00 PM

Project: DFSP Norwalk

Lab ID: 2311071-21

Matrix: AQUEOUS

Client Sample ID: EB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/14/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/14/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/14/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/14/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/14/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/14/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/14/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/14/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/14/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/14/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/14/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/14/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/14/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/14/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/14/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/14/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	11/14/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/14/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/14/2023	EPA 8260



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QC SUMMARY REPORT

WO#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-19713	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19713	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18111	SeqNo: 522387	
Analysis Date: 11/13/2023			

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	0.13		0.15		89.3	70	130				

Sample ID: LCS-19713	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 19713	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18111	SeqNo: 522388	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.35	0.05	2.5	0	93.8	80	120				
Surr: Nonane	0.137		0.15		91.3	70	130				

Sample ID: 2311071-09AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: GMW-39MS	Batch ID: 19713	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18111	SeqNo: 522390	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.26	0.1	2.5	0	90.4	80	120				
Surr: Nonane	0.255		0.3		85.0	70	130				

Sample ID: 2311071-09AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: GMW-39MSD	Batch ID: 19713	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18111	SeqNo: 522391	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.37	0.1	2.5	0	94.8	80	120	2.26	4.7	7	
Surr: Nonane	0.275		0.3		91.7	70	130	0.255	0	0	

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19708	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19708B	TestNo: SW8015									
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522953									
Analysis Date: 11/13/2023											
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	0.012		0.01		116	70	130				
Surr: Toluene-d8	0.0098		0.01		97.5	70	130				
Surr: 4-Bromofluorobenzene	0.0093		0.01		92.8	70	130				

Sample ID: GLCS-19708	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19708B	TestNo: SW8015									
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522952									
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.431	0.05	0.4	0	108	80	120				
Surr: 1,2-Dichloroethane-d4	0.0106		0.01		106	70	130				
Surr: Toluene-d8	0.00902		0.01		90.2	70	130				
Surr: 4-Bromofluorobenzene	0.0103		0.01		104	70	130				

Sample ID: 2311071-11AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-1	Batch ID: A19708B	TestNo: SW8015									
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522972									
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.8	0.25	2	0	90.2	60	125				
Surr: 1,2-Dichloroethane-d4	0.05		0.05		100	69.51	130.49				
Surr: Toluene-d8	0.047		0.05		94.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.054		0.05		108	69.51	130.49				

Sample ID: 2311071-11AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-1	Batch ID: A19708B	TestNo: SW8015									
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522973									
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.94	0.25	2	0	96.8	60	125	1.8	7	28	
Surr: 1,2-Dichloroethane-d4	0.0494		0.05		98.7	69.51	130.49	0.05	0	0	
Surr: Toluene-d8	0.0475		0.05		95.0	69.51	130.49	0.047	0	0	
Surr: 4-Bromofluorobenzene	0.0558		0.05		112	69.51	130.49	0.054	0	0	

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19730	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19730B	TestNo: SW8015									
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522995									
Analysis Date: 11/14/2023											
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	0.011		0.01		112	70	130				
Surr: Toluene-d8	0.0098		0.01		97.9	70	130				
Surr: 4-Bromofluorobenzene	0.0098		0.01		97.6	70	130				

Sample ID: GLCS-19730	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19730B	TestNo: SW8015									
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522994									
Analysis Date: 11/14/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.34	0.05	0.4	0	85.1	80	120				
Surr: 1,2-Dichloroethane-d4	0.0103		0.01		103	70	130				
Surr: Toluene-d8	0.00916		0.01		91.6	70	130				
Surr: 4-Bromofluorobenzene	0.0106		0.01		106	70	130				

Sample ID: 2311071-21AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-2	Batch ID: A19730B	TestNo: SW8015									
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522997									
Analysis Date: 11/14/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.66	0.25	2	0	82.9	60	125				
Surr: 1,2-Dichloroethane-d4	0.0543		0.05		109	69.51	130.49				
Surr: Toluene-d8	0.0447		0.05		89.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0544		0.05		109	69.51	130.49				

Sample ID: 2311071-21AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-2	Batch ID: A19730B	TestNo: SW8015									
Prep Date: 11/15/2023	RunNo: 18128	SeqNo: 522998									
Analysis Date: 11/15/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.78	0.25	2	0	88.8	60	125	1.66	6.9	28	
Surr: 1,2-Dichloroethane-d4	0.0524		0.05		105	69.51	130.49	0.0543	0	0	
Surr: Toluene-d8	0.0456		0.05		91.3	69.51	130.49	0.0447	0	0	
Surr: 4-Bromofluorobenzene	0.0545		0.05		109	69.51	130.49	0.0544	0	0	

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19708	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522949	
Analysis Date: 11/13/2023			

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									
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19708	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522949	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	12		10		116	69.51	130.49				
Surr: Toluene-d8	9.8		10		97.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	9.3		10		92.8	69.51	130.49				

Sample ID: LCS-19708	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522948	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.9	1	10	0	109	16.9	124				

Qualifiers:
 B Analyte detected in the associated Method Blank
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 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limits



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QC SUMMARY REPORT

WO#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19708	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522948	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	10.2	2	10	0	102	25.9	136				
Vinyl chloride	10.8	1	10	0	108	47.8	132				
Chloroethane	11.5	1	10	0	115	62.3	169				
Bromomethane	9.16	2	10	0	91.6	33.8	135				
Trichlorofluoromethane	10.3	1	10	0	103	16.8	155				
Acetone	194	10	200	0	96.9	72	124				
1,1-Dichloroethene	9.73	1	10	0	97.3	65.2	129				
Tertiary Butyl Alcohol (TBA)	93.8	10	100	0	93.8	52.9	128.4				
Dichloromethane	9.68	2	10	0	96.8	65.2	129				
Freon-113	11	1	10	0	110	52.4	143				
trans-1,2-Dichloroethene	10.8	1	10	0	108	66.7	132				
Methyl tert-butyl ether (MTBE)	8.23	0.5	10	0	82.3	52.9	125				
1,1-Dichloroethane	10.9	1	10	0	109	66.6	129				
2-Butanone (MEK)	191	10	200	0	95.3	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.27	1	10	0	92.7	63.6	131				
cis-1,2-Dichloroethene	10.4	1	10	0	104	59.2	131				
Bromochloromethane	11.2	1	10	0	112	65.9	121				
Chloroform	10.6	1	10	0	106	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.04	1	10	0	90.4	44.6	136				
2,2-Dichloropropane	12.6	1	10	0	126	58.2	146				
1,2-Dichloroethane	10.3	1	10	0	103	73.4	120.4				
1,1,1-Trichloroethane	10.7	1	10	0	107	52.7	144				
1,1-Dichloropropene	10.6	1	10	0	106	85.6	131				
Carbon tetrachloride	11.1	1	10	0	111	30.9	175				
Benzene	10.8	0.5	10	0	108	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	10.8	1	10	0	108	52.4	141				
Dibromomethane	10.5	1	10	0	105	78.5	120.4				
1,2-Dichloropropane	11.3	1	10	0	113	79.5	126				
Trichloroethene	10.8	1	10	0	108	69	120.4				
Bromodichloromethane	11.1	1	10	0	111	73.9	122				
4-Methyl-2-pentanone (MIBK)	22.4	2.5	25	0	89.6	66.4	122				
cis-1,3-Dichloropropene	10.3	1	10	0	103	78.7	120.4				
trans-1,3-Dichloropropene	9.83	1	10	0	98.3	70.2	120.4				
1,1,2-Trichloroethane	11	1	10	0	110	76.2	120.4				
Toluene	10.8	0.5	10	0	108	79.7	126				
1,3-Dichloropropane	10.4	1	10	0	104	71.7	131				
2-Hexanone	95.1	5	100	0	95.1	52.9	152				
Dibromochloromethane	10.3	1	10	0	103	79.5	120.4				
1,2-Dibromoethane (EDB)	20.6	2	20	0	103	76.4	120.4				
Tetrachloroethene	8.92	1	10	0	89.2	64	123				
1,1,1,2-Tetrachloroethane	10.1	1	10	0	101	77.9	120.4				
Chlorobenzene	10.8	1	10	0	108	70.9	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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19708	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522948	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	10.3	0.5	10	0	103	77.5	120.4				
m,p-Xylene	10.9	0.5	10	0	109	74.8	120.4				
Bromoform	9.29	1	10	0	92.9	51.3	120.4				
Xylenes, Total	21.6	0.5	20	0	108	77.6	120.4				
Styrene	10.8	1	10	0	108	71.9	120.4				
o-Xylene	10.7	0.5	10	0	107	79.1	120.4				
1,1,2,2-Tetrachloroethane	10.1	1	10	0	101	55.6	138				
1,2,3-Trichloropropane	20.5	2	20	0	103	73.4	120.4				
Isopropylbenzene	9.84	1	10	0	98.4	78.7	148				
Bromobenzene	10.3	1	10	0	103	79.5	121				
n-Propylbenzene	11.2	1	10	0	112	82.5	134				
4-Chlorotoluene	10.1	1	10	0	101	79.5	135				
2-Chlorotoluene	11	1	10	0	110	79.5	131				
1,3,5-Trimethylbenzene	9.72	1	10	0	97.2	79.5	135				
tert-Butylbenzene	10.8	1	10	0	108	79.5	139				
1,2,4-Trimethylbenzene	9.89	1	10	0	98.9	79.5	138				
sec-Butylbenzene	9.97	1	10	0	99.7	79.5	132				
1,3-Dichlorobenzene	10.1	1	10	0	101	79.5	125				
1,4-Dichlorobenzene	10.9	1	10	0	109	79.5	123				
4-Isopropyltoluene	9.91	1	10	0	99.1	79.5	130				
1,2-Dichlorobenzene	10	1	10	0	100	79.5	121				
n-Butylbenzene	10.1	1	10	0	101	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	48.2	3	50	0	96.3	72.1	136				
1,2,4-Trichlorobenzene	9.75	2	10	0	97.5	73.3	126				
Naphthalene	8.25	2	10	0	82.5	47.2	142				
1,2,3-Trichlorobenzene	9.49	2	10	0	94.9	67.4	130				
Surr: 1,2-Dichloroethane-d4	12.5		10		125	69.51	130.5				
Surr: Toluene-d8	8.34		10		83.4	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.59		10		95.9	69.51	130.5				

Sample ID: 2311071-11AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-1MS	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522946	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	43.5	5	50	0	86.9	5.1	155				
Chloromethane	50	10	50	0	100	37.7	121				
Vinyl chloride	53.6	5	50	0	107	60.4	140				
Chloroethane	75	5	50	0	150	43.1	206				

Qualifiers:
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 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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311071-11AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-1MS	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522946	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	37.3	10	50	0	74.5	12.6	168				
Trichlorofluoromethane	45	5	50	0	89.9	58.6	163				
Acetone	940	50	1000	6.2	93.3	37.3	152				
1,1-Dichloroethene	47.6	5	50	0	95.2	69.8	158				
Tertiary Butyl Alcohol (TBA)	463	50	500	0	92.6	60.4	158				
Dichloromethane	49.9	10	50	0	99.8	71.7	132				
Freon-113	47.7	5	50	0	95.4	52.1	166				
trans-1,2-Dichloroethene	55.9	5	50	0	112	72	136				
Methyl tert-butyl ether (MTBE)	43.3	2.5	50	0	86.6	54.8	155				
1,1-Dichloroethane	54.2	5	50	0	108	76.9	140				
2-Butanone (MEK)	909	50	1000	0	90.9	73.7	142				
Di-isopropyl Ether (DIPE)	48.7	5	50	0	97.5	74.8	136				
cis-1,2-Dichloroethene	54.4	5	50	0	109	73.9	133				
Bromochloromethane	55.4	5	50	0	111	75.8	132				
Chloroform	51.5	5	50	0	103	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	46.4	5	50	0	92.8	74.8	138				
2,2-Dichloropropane	57	5	50	0	114	53.9	146				
1,2-Dichloroethane	47.7	5	50	0	95.4	72.6	144				
1,1,1-Trichloroethane	51.5	5	50	0	103	70.2	138				
1,1-Dichloropropene	52.6	5	50	0	105	69.7	146				
Carbon tetrachloride	53	5	50	0	106	58.2	141				
Benzene	54.3	2.5	50	0	109	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	50.7	5	50	0	101	72.3	144				
Dibromomethane	51	5	50	0	102	75.2	144				
1,2-Dichloropropane	57.8	5	50	0	116	75.3	144				
Trichloroethene	53.9	5	50	0	108	65.7	131				
Bromodichloromethane	53.8	5	50	0	108	70.2	141				
4-Methyl-2-pentanone (MIBK)	103	12.5	125	0	82.3	57.9	143				
cis-1,3-Dichloropropene	40.7	5	50	0	81.5	56.9	132				
trans-1,3-Dichloropropene	46.3	5	50	0	92.5	72	131				
1,1,2-Trichloroethane	54	5	50	0	108	74	130				
Toluene	58	2.5	50	0	116	67.2	131				
1,3-Dichloropropane	55.5	5	50	0	111	74.2	124				
2-Hexanone	489	25	500	0	97.8	66.7	135				
Dibromochloromethane	53.7	5	50	0	107	71.5	134				
1,2-Dibromoethane (EDB)	109	10	100	0	109	74.7	129				
Tetrachloroethene	46.3	5	50	0	92.5	45.9	138				
1,1,1,2-Tetrachloroethane	52	5	50	0	104	75.7	125				
Chlorobenzene	56.4	5	50	0	113	73.7	120				
Ethylbenzene	54.3	2.5	50	0	109	70.3	122				
m,p-Xylene	56.8	2.5	50	0	114	52.9	136				
Bromoform	47.2	5	50	0	94.5	61.5	141				

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311071-11AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-1MS	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522946	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	113	2.5	100	0	113	61	131				
Styrene	56	5	50	0	112	74	130				
o-Xylene	56.2	2.5	50	0	112	67.3	129				
1,1,2,2-Tetrachloroethane	53.7	5	50	0	107	62.4	153				
1,2,3-Trichloropropane	101	10	100	0	101	37.4	171				
Isopropylbenzene	57	5	50	0	114	63	132				
Bromobenzene	58.8	5	50	0	118	65.1	120				
n-Propylbenzene	64.7	5	50	0	129	58.2	128				S
4-Chlorotoluene	58.2	5	50	0	116	63.9	127				
2-Chlorotoluene	64.4	5	50	0	129	63.2	126				S
1,3,5-Trimethylbenzene	56.3	5	50	0	113	63.8	138				
tert-Butylbenzene	61.5	5	50	0	123	59.7	128				
1,2,4-Trimethylbenzene	57.3	5	50	0	115	65.1	135				
sec-Butylbenzene	56.9	5	50	0	114	55.5	128				
1,3-Dichlorobenzene	57	5	50	0	114	64.5	122				
1,4-Dichlorobenzene	60.5	5	50	0	121	63.7	121				S
4-Isopropyltoluene	56.1	5	50	0	112	58	135				
1,2-Dichlorobenzene	55.7	5	50	0	111	66.7	122				
n-Butylbenzene	56.5	5	50	0	113	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	266	15	250	0	106	59.1	143				
1,2,4-Trichlorobenzene	54.8	10	50	0	110	47.1	139				
Naphthalene	48.7	10	50	0	97.4	31.6	164				
1,2,3-Trichlorobenzene	52.5	10	50	0	105	17.7	171				
Surr: 1,2-Dichloroethane-d4	56.9		50		114	69.51	130.49				
Surr: Toluene-d8	43		50		86.0	69.51	130.49				
Surr: 4-Bromofluorobenzene	51.3		50		103	69.51	130.49				

Sample ID: 2311071-11AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-1MSD	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522947	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	42.5	5	50	0	85.1	5.1	155	43.5	2.2	38	
Chloromethane	48.9	10	50	0	97.8	37.7	121	50	2.1	22.5	
Vinyl chloride	54.5	5	50	0	109	60.4	140	53.6	1.8	23.9	
Chloroethane	67.6	5	50	0	135	43.1	206	75	10	22.9	
Bromomethane	39.6	10	50	0	79.1	12.6	168	37.3	6	48	
Trichlorofluoromethane	45.8	5	50	0	91.6	58.6	163	45	1.9	33.3	
Acetone	1000	50	1000	6.2	99.8	37.3	152	940	6.7	50	

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311071-11AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-1MSD	Batch ID: A19708	TestNo: SW8260C	
Prep Date: 11/13/2023	RunNo: 18127	SeqNo: 522947	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	49	5	50	0	98.1	69.8	158	47.6	2.9	21.7	
Tertiary Butyl Alcohol (TBA)	505	50	500	0	101	60.4	158	463	8.8	26.8	
Dichloromethane	50.5	10	50	0	101	71.7	132	49.9	1.3	20	
Freon-113	48.7	5	50	0	97.5	52.1	166	47.7	2.1	25.9	
trans-1,2-Dichloroethene	57.3	5	50	0	115	72	136	55.9	2.5	19.2	
Methyl tert-butyl ether (MTBE)	45.6	2.5	50	0	91.2	54.8	155	43.3	5.2	21.4	
1,1-Dichloroethane	55.8	5	50	0	112	76.9	140	54.2	3	18	
2-Butanone (MEK)	956	50	1000	0	95.6	73.7	142	909	5.1	20.9	
Di-isopropyl Ether (DIPE)	51.7	5	50	0	103	74.8	136	48.7	5.9	18.2	
cis-1,2-Dichloroethene	56.3	5	50	0	113	73.9	133	54.4	3.4	20.1	
Bromochloromethane	56	5	50	0	112	75.8	132	55.4	0.99	23.5	
Chloroform	52.7	5	50	0	105	74.3	130	51.5	2.5	18	
Ethyl Tertiary Butyl Ether (ETBE)	49	5	50	0	97.9	74.8	138	46.4	5.4	20.3	
2,2-Dichloropropane	57.8	5	50	0	116	53.9	146	57	1.4	52.3	
1,2-Dichloroethane	48.9	5	50	0	97.7	72.6	144	47.7	2.4	17.1	
1,1,1-Trichloroethane	52.5	5	50	0	105	70.2	138	51.5	2	22.2	
1,1-Dichloropropene	54.3	5	50	0	109	69.7	146	52.6	3.2	29.6	
Carbon tetrachloride	54.4	5	50	0	109	58.2	141	53	2.6	31.9	
Benzene	55.9	2.5	50	0	112	67.8	140	54.3	2.9	18.1	
Tertiary Amyl Methyl Ether (TAME)	52.6	5	50	0	105	72.3	144	50.7	3.7	20.6	
Dibromomethane	52.9	5	50	0	106	75.2	144	51	3.7	19.5	
1,2-Dichloropropane	59.8	5	50	0	120	75.3	144	57.8	3.4	19.7	
Trichloroethene	55.4	5	50	0	111	65.7	131	53.9	2.8	25.3	
Bromodichloromethane	55.2	5	50	0	110	70.2	141	53.8	2.6	20.5	
4-Methyl-2-pentanone (MIBK)	108	12.5	125	0	86.7	57.9	143	103	5.2	21.3	
cis-1,3-Dichloropropene	43.3	5	50	0	86.5	56.9	132	40.7	6	25.8	
trans-1,3-Dichloropropene	48.4	5	50	0	96.7	72	131	46.3	4.4	26.4	
1,1,2-Trichloroethane	55.5	5	50	0	111	74	130	54	2.7	21.9	
Toluene	59.9	2.5	50	0	120	67.2	131	58	3.3	18.3	
1,3-Dichloropropane	57.8	5	50	0	116	74.2	124	55.5	4	21.7	
2-Hexanone	518	25	500	0	104	66.7	135	489	5.7	20.9	
Dibromochloromethane	55.4	5	50	0	111	71.5	134	53.7	3.2	24.1	
1,2-Dibromoethane (EDB)	113	10	100	0	113	74.7	129	109	3.8	23.1	
Tetrachloroethene	47.5	5	50	0	94.9	45.9	138	46.3	2.5	30.9	
1,1,1,2-Tetrachloroethane	52.9	5	50	0	106	75.7	125	52	1.8	22.6	
Chlorobenzene	57.4	5	50	0	115	73.7	120	56.4	1.6	23.1	
Ethylbenzene	55.8	2.5	50	0	112	70.3	122	54.3	2.7	25.3	
m,p-Xylene	58.1	2.5	50	0	116	52.9	136	56.8	2.4	26.6	
Bromoform	48.5	5	50	0	97.0	61.5	141	47.2	2.6	25	
Xylenes, Total	116	2.5	100	0	116	61	131	113	2.3	25.6	
Styrene	57.5	5	50	0	115	74	130	56	2.6	26	
o-Xylene	57.4	2.5	50	0	115	67.3	129	56.2	2.1	25	

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311071-11AMSD		SampType: MSD		TestCode: VOC_W		Units: µg/L					
Client ID: EB-1MSD		Batch ID: A19708		TestNo: SW8260C							
Prep Date: 11/13/2023		RunNo: 18127		SeqNo: 522947							
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	54.8	5	50	0	110	62.4	153	53.7	2.1	24.6	
1,2,3-Trichloropropane	102	10	100	0	102	37.4	171	101	1.5	50	
Isopropylbenzene	58.4	5	50	0	117	63	132	57	2.3	33.1	
Bromobenzene	60.3	5	50	0	121	65.1	120	58.8	2.5	23.6	S
n-Propylbenzene	67.4	5	50	0	135	58.2	128	64.7	4.1	32.4	S
4-Chlorotoluene	59.7	5	50	0	119	63.9	127	58.2	2.4	29.1	
2-Chlorotoluene	65.5	5	50	0	131	63.2	126	64.4	1.7	28.9	S
1,3,5-Trimethylbenzene	57.3	5	50	0	115	63.8	138	56.3	1.9	31.9	
tert-Butylbenzene	63.6	5	50	0	127	59.7	128	61.5	3.3	36.2	
1,2,4-Trimethylbenzene	58.8	5	50	0	118	65.1	135	57.3	2.6	28.8	
sec-Butylbenzene	58.9	5	50	0	118	55.5	128	56.9	3.5	40.9	
1,3-Dichlorobenzene	59	5	50	0	118	64.5	122	57	3.5	28.6	
1,4-Dichlorobenzene	61.4	5	50	0	123	63.7	121	60.5	1.4	27.7	S
4-Isopropyltoluene	58	5	50	0	116	58	135	56.1	3.3	40.4	
1,2-Dichlorobenzene	57.2	5	50	0	114	66.7	122	55.7	2.7	24.5	
n-Butylbenzene	58	5	50	0	116	52.7	139	56.5	2.6	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	272	15	250	0	109	59.1	143	266	2.4	24.9	
1,2,4-Trichlorobenzene	57	10	50	0	114	47.1	139	54.8	4.1	35	
Naphthalene	53	10	50	0	106	31.6	164	48.7	8.4	50	
1,2,3-Trichlorobenzene	55.4	10	50	0	111	17.7	171	52.5	5.4	57	
Surr: 1,2-Dichloroethane-d4	56.3		50		113	69.51	130.49	56.9	0	0	
Surr: Toluene-d8	43.4		50		86.8	69.51	130.49	43	0	0	
Surr: 4-Bromofluorobenzene	53.8		50		108	69.51	130.49	51.3	0	0	

Sample ID: MB-19730		SampType: MBLK		TestCode: VOC_W		Units: µg/L					
Client ID: PBW		Batch ID: A19730		TestNo: SW8260C							
Prep Date: 11/14/2023		RunNo: 18128		SeqNo: 522977							
Analysis Date: 11/14/2023											
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									

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19730	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522977	
Analysis Date: 11/14/2023			

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

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19730	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522977	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	11		10		112	69.51	130.49				
Surr: Toluene-d8	9.8		10		97.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	9.8		10		97.6	69.51	130.49				

Sample ID: LCS-19730	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522976	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	7.45	1	10	0	74.5	16.9	124				
Chloromethane	8	2	10	0	80.0	25.9	136				
Vinyl chloride	8.89	1	10	0	88.9	47.8	132				
Chloroethane	9.35	1	10	0	93.5	62.3	169				
Bromomethane	6.98	2	10	0	69.8	33.8	135				
Trichlorofluoromethane	8.11	1	10	0	81.1	16.8	155				
Acetone	178	10	200	0	89.0	72	124				
1,1-Dichloroethene	8.64	1	10	0	86.4	65.2	129				
Tertiary Butyl Alcohol (TBA)	91.9	10	100	0	91.9	52.9	128.4				
Dichloromethane	8.5	2	10	0	85.0	65.2	129				
Freon-113	9.26	1	10	0	92.6	52.4	143				

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19730	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522976	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	9.96	1	10	0	99.6	66.7	132				
Methyl tert-butyl ether (MTBE)	7.9	0.5	10	0	79.0	52.9	125				
1,1-Dichloroethane	9.78	1	10	0	97.8	66.6	129				
2-Butanone (MEK)	174	10	200	0	87.1	63.7	120.4				
Di-isopropyl Ether (DIPE)	8.98	1	10	0	89.8	63.6	131				
cis-1,2-Dichloroethene	9.73	1	10	0	97.3	59.2	131				
Bromochloromethane	9.78	1	10	0	97.8	65.9	121				
Chloroform	9.22	1	10	0	92.2	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	8.59	1	10	0	85.9	44.6	136				
2,2-Dichloropropane	11.3	1	10	0	113	58.2	146				
1,2-Dichloroethane	8.61	1	10	0	86.1	73.4	120.4				
1,1,1-Trichloroethane	9.31	1	10	0	93.1	52.7	144				
1,1-Dichloropropene	9.56	1	10	0	95.6	85.6	131				
Carbon tetrachloride	9.51	1	10	0	95.1	30.9	175				
Benzene	9.75	0.5	10	0	97.5	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9	1	10	0	90.0	52.4	141				
Dibromomethane	9.19	1	10	0	91.9	78.5	120.4				
1,2-Dichloropropane	10.3	1	10	0	103	79.5	126				
Trichloroethene	9.61	1	10	0	96.1	69	120.4				
Bromodichloromethane	9.43	1	10	0	94.3	73.9	122				
4-Methyl-2-pentanone (MIBK)	20.4	2.5	25	0	81.6	66.4	122				
cis-1,3-Dichloropropene	9.3	1	10	0	93.0	78.7	120.4				
trans-1,3-Dichloropropene	8.63	1	10	0	86.3	70.2	120.4				
1,1,2-Trichloroethane	9.41	1	10	0	94.1	76.2	120.4				
Toluene	10.6	0.5	10	0	106	79.7	126				
1,3-Dichloropropane	10.1	1	10	0	101	71.7	131				
2-Hexanone	91.1	5	100	0	91.1	52.9	152				
Dibromochloromethane	9.62	1	10	0	96.2	79.5	120.4				
1,2-Dibromoethane (EDB)	19.9	2	20	0	99.7	76.4	120.4				
Tetrachloroethene	8.43	1	10	0	84.3	64	123				
1,1,1,2-Tetrachloroethane	9.18	1	10	0	91.8	77.9	120.4				
Chlorobenzene	10.1	1	10	0	101	70.9	120.4				
Ethylbenzene	9.87	0.5	10	0	98.7	77.5	120.4				
m,p-Xylene	10.5	0.5	10	0	105	74.8	120.4				
Bromoform	8.42	1	10	0	84.2	51.3	120.4				
Xylenes, Total	20.7	0.5	20	0	104	77.6	120.4				
Styrene	10.2	1	10	0	102	71.9	120.4				
o-Xylene	10.2	0.5	10	0	102	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.53	1	10	0	95.3	55.6	138				
1,2,3-Trichloropropane	18.1	2	20	0	90.7	73.4	120.4				
Isopropylbenzene	10.2	1	10	0	102	78.7	148				
Bromobenzene	10.2	1	10	0	102	79.5	121				

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19730	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522976	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	11.8	1	10	0	118	82.5	134				
4-Chlorotoluene	10.4	1	10	0	104	79.5	135				
2-Chlorotoluene	11.5	1	10	0	115	79.5	131				
1,3,5-Trimethylbenzene	10.1	1	10	0	101	79.5	135				
tert-Butylbenzene	11.1	1	10	0	111	79.5	139				
1,2,4-Trimethylbenzene	10.4	1	10	0	104	79.5	138				
sec-Butylbenzene	10.3	1	10	0	103	79.5	132				
1,3-Dichlorobenzene	10.2	1	10	0	102	79.5	125				
1,4-Dichlorobenzene	10.7	1	10	0	107	79.5	123				
4-Isopropyltoluene	10.3	1	10	0	103	79.5	130				
1,2-Dichlorobenzene	9.71	1	10	0	97.1	79.5	121				
n-Butylbenzene	10.4	1	10	0	104	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	43.5	3	50	0	87.0	72.1	136				
1,2,4-Trichlorobenzene	9.23	2	10	0	92.3	73.3	126				
Naphthalene	7.78	2	10	0	77.8	47.2	142				
1,2,3-Trichlorobenzene	8.73	2	10	0	87.3	67.4	130				
Surr: 1,2-Dichloroethane-d4	11.1		10		111	69.51	130.5				
Surr: Toluene-d8	8.94		10		89.4	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.5		10		105	69.51	130.5				

Sample ID: 2311078-07AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522992	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	36.9	5	50	0	73.7	5.1	155				
Chloromethane	39.2	10	50	0	78.4	37.7	121				
Vinyl chloride	41.7	5	50	0	83.5	60.4	140				
Chloroethane	52.2	5	50	0	104	43.1	206				
Bromomethane	34.3	10	50	0	68.6	12.6	168				
Trichlorofluoromethane	44.3	5	50	0	88.7	58.6	163				
Acetone	741	50	1000	0	74.1	37.3	152				
1,1-Dichloroethene	42	5	50	0	84.1	69.8	158				
Tertiary Butyl Alcohol (TBA)	342	50	500	0	68.5	60.4	158				
Dichloromethane	41.8	10	50	0	83.7	71.7	132				
Freon-113	45.3	5	50	0	90.6	52.1	166				
trans-1,2-Dichloroethene	46	5	50	0	91.9	72	136				
Methyl tert-butyl ether (MTBE)	31.7	2.5	50	0	63.4	54.8	155				
1,1-Dichloroethane	47	5	50	0	94.0	76.9	140				

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311078-07AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522992	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	720	50	1000	0	72.0	73.7	142				S
Di-isopropyl Ether (DIPE)	36.3	5	50	0	72.6	74.8	136				S
cis-1,2-Dichloroethene	45.3	5	50	1.09	88.4	73.9	133				
Bromochloromethane	47	5	50	0	94.0	75.8	132				
Chloroform	74	5	50	29.6	88.8	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	34.5	5	50	0	69.0	74.8	138				S
2,2-Dichloropropane	50.5	5	50	0	101	53.9	146				
1,2-Dichloroethane	44.9	5	50	0	89.8	72.6	144				
1,1,1-Trichloroethane	48.7	5	50	0	97.4	70.2	138				
1,1-Dichloropropene	46.3	5	50	0	92.6	69.7	146				
Carbon tetrachloride	50.3	5	50	0	101	58.2	141				
Benzene	47.4	2.5	50	0	94.7	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	43.8	5	50	0	87.5	72.3	144				
Dibromomethane	43.4	5	50	0	86.8	75.2	144				
1,2-Dichloropropane	47.4	5	50	0	94.8	75.3	144				
Trichloroethene	47.3	5	50	0.28	94.1	65.7	131				
Bromodichloromethane	47.9	5	50	0	95.7	70.2	141				
4-Methyl-2-pentanone (MIBK)	77.6	12.5	125	0	62.1	57.9	143				
cis-1,3-Dichloropropene	29.9	5	50	0	59.8	56.9	132				
trans-1,3-Dichloropropene	38.9	5	50	0	77.8	72	131				
1,1,2-Trichloroethane	46.6	5	50	0	93.2	74	130				
Toluene	48.1	2.5	50	0	96.2	67.2	131				
1,3-Dichloropropane	43	5	50	0	85.9	74.2	124				
2-Hexanone	357	25	500	0	71.3	66.7	135				
Dibromochloromethane	42.9	5	50	0	85.8	71.5	134				
1,2-Dibromoethane (EDB)	84.9	10	100	0	84.9	74.7	129				
Tetrachloroethene	48.6	5	50	12.1	72.9	45.9	138				
1,1,1,2-Tetrachloroethane	44.2	5	50	0	88.4	75.7	125				
Chlorobenzene	48.1	5	50	0	96.3	73.7	120				
Ethylbenzene	47	2.5	50	0	94.1	70.3	122				
m,p-Xylene	48.9	2.5	50	0	97.9	52.9	136				
Bromoform	40.1	5	50	0	80.3	61.5	141				
Xylenes, Total	96.7	2.5	100	0	96.7	61	131				
Styrene	46.7	5	50	0	93.4	74	130				
o-Xylene	47.7	2.5	50	0	95.5	67.3	129				
1,1,1,2,2-Tetrachloroethane	43.4	5	50	0	86.9	62.4	153				
1,2,3-Trichloropropane	85.9	10	100	0	85.9	37.4	171				
Isopropylbenzene	47.6	5	50	0	95.3	63	132				
Bromobenzene	48.4	5	50	0	96.8	65.1	120				
n-Propylbenzene	54.5	5	50	0	109	58.2	128				
4-Chlorotoluene	48.2	5	50	0	96.4	63.9	127				
2-Chlorotoluene	54.5	5	50	0	109	63.2	126				

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311078-07AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522992	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	47.8	5	50	0	95.5	63.8	138				
tert-Butylbenzene	52.4	5	50	0	105	59.7	128				
1,2,4-Trimethylbenzene	47.8	5	50	0	95.6	65.1	135				
sec-Butylbenzene	48.4	5	50	0	96.8	55.5	128				
1,3-Dichlorobenzene	45.6	5	50	0	91.3	64.5	122				
1,4-Dichlorobenzene	50.2	5	50	0	100	63.7	121				
4-Isopropyltoluene	47.4	5	50	0	94.8	58	135				
1,2-Dichlorobenzene	45.5	5	50	0	90.9	66.7	122				
n-Butylbenzene	46.1	5	50	0	92.1	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	195	15	250	0	78.0	59.1	143				
1,2,4-Trichlorobenzene	39.8	10	50	0	79.5	47.1	139				
Naphthalene	30.1	10	50	0	60.1	31.6	164				
1,2,3-Trichlorobenzene	38.3	10	50	0	76.5	17.7	171				
Surr: 1,2-Dichloroethane-d4	61.9		50		124	69.51	130.49				
Surr: Toluene-d8	41.6		50		83.2	69.51	130.49				
Surr: 4-Bromofluorobenzene	49.8		50		99.6	69.51	130.49				

Sample ID: 2311078-07AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522993	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	38.9	5	50	0	77.8	5.1	155	36.9	5.4	38	
Chloromethane	42.9	10	50	0	85.8	37.7	121	39.2	9	22.5	
Vinyl chloride	47.8	5	50	0	95.7	60.4	140	41.7	14	23.9	
Chloroethane	56.4	5	50	0	113	43.1	206	52.2	7.8	22.9	
Bromomethane	39.8	10	50	0	79.6	12.6	168	34.3	15	48	
Trichlorofluoromethane	45.9	5	50	0	91.9	58.6	163	44.3	3.5	33.3	
Acetone	781	50	1000	0	78.1	37.3	152	741	5.3	50	
1,1-Dichloroethene	45.7	5	50	0	91.3	69.8	158	42	8.3	21.7	
Tertiary Butyl Alcohol (TBA)	381	50	500	0	76.2	60.4	158	342	11	26.8	
Dichloromethane	43	10	50	0	86.0	71.7	132	41.8	2.7	20	
Freon-113	48.6	5	50	0	97.3	52.1	166	45.3	7.1	25.9	
trans-1,2-Dichloroethene	48.3	5	50	0	96.7	72	136	46	5	19.2	
Methyl tert-butyl ether (MTBE)	34.6	2.5	50	0	69.2	54.8	155	31.7	8.7	21.4	
1,1-Dichloroethane	49.5	5	50	0	99.0	76.9	140	47	5.1	18	
2-Butanone (MEK)	759	50	1000	0	75.9	73.7	142	720	5.3	20.9	
Di-isopropyl Ether (DIPE)	40.5	5	50	0	81.0	74.8	136	36.3	11	18.2	
cis-1,2-Dichloroethene	48.4	5	50	1.09	94.6	73.9	133	45.3	6.6	20.1	

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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QC SUMMARY REPORT

WO#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311078-07AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522993	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	48.1	5	50	0	96.1	75.8	132	47	2.3	23.5	
Chloroform	72.4	5	50	29.6	85.7	74.3	130	74	2.1	18	
Ethyl Tertiary Butyl Ether (ETBE)	38	5	50	0	76.0	74.8	138	34.5	9.7	20.3	
2,2-Dichloropropane	52.2	5	50	0	104	53.9	146	50.5	3.3	52.3	
1,2-Dichloroethane	45.4	5	50	0	90.8	72.6	144	44.9	1.1	17.1	
1,1,1-Trichloroethane	49.5	5	50	0	99.0	70.2	138	48.7	1.6	22.2	
1,1-Dichloropropene	48.2	5	50	0	96.4	69.7	146	46.3	4	29.6	
Carbon tetrachloride	50.8	5	50	0	102	58.2	141	50.3	1	31.9	
Benzene	49	2.5	50	0	98.1	67.8	140	47.4	3.5	18.1	
Tertiary Amyl Methyl Ether (TAME)	45.3	5	50	0	90.6	72.3	144	43.8	3.4	20.6	
Dibromomethane	45.4	5	50	0	90.9	75.2	144	43.4	4.6	19.5	
1,2-Dichloropropane	50.6	5	50	0	101	75.3	144	47.4	6.5	19.7	
Trichloroethene	48.5	5	50	0.28	96.4	65.7	131	47.3	2.4	25.3	
Bromodichloromethane	49.1	5	50	0	98.3	70.2	141	47.9	2.6	20.5	
4-Methyl-2-pentanone (MIBK)	82.1	12.5	125	0	65.7	57.9	143	77.6	5.7	21.3	
cis-1,3-Dichloropropene	33.4	5	50	0	66.7	56.9	132	29.9	11	25.8	
trans-1,3-Dichloropropene	40.5	5	50	0	81.1	72	131	38.9	4.1	26.4	
1,1,2-Trichloroethane	45.8	5	50	0	91.7	74	130	46.6	1.6	21.9	
Toluene	51	2.5	50	0	102	67.2	131	48.1	5.9	18.3	
1,3-Dichloropropane	45.9	5	50	0	91.8	74.2	124	43	6.6	21.7	
2-Hexanone	389	25	500	0	77.8	66.7	135	357	8.7	20.9	
Dibromochloromethane	44.9	5	50	0	89.8	71.5	134	42.9	4.5	24.1	
1,2-Dibromoethane (EDB)	89.9	10	100	0	89.9	74.7	129	84.9	5.7	23.1	
Tetrachloroethene	49.2	5	50	12.1	74.1	45.9	138	48.6	1.2	30.9	
1,1,1,2-Tetrachloroethane	45.8	5	50	0	91.5	75.7	125	44.2	3.4	22.6	
Chlorobenzene	50.2	5	50	0	100	73.7	120	48.1	4.3	23.1	
Ethylbenzene	49.2	2.5	50	0	98.5	70.3	122	47	4.6	25.3	
m,p-Xylene	51	2.5	50	0	102	52.9	136	48.9	4.2	26.6	
Bromoform	40.6	5	50	0	81.3	61.5	141	40.1	1.2	25	
Xylenes, Total	101	2.5	100	0	101	61	131	96.7	4.2	25.6	
Styrene	49.3	5	50	0	98.6	74	130	46.7	5.4	26	
o-Xylene	49.8	2.5	50	0	99.7	67.3	129	47.7	4.3	25	
1,1,2,2-Tetrachloroethane	44.1	5	50	0	88.1	62.4	153	43.4	1.4	24.6	
1,2,3-Trichloropropane	87.2	10	100	0	87.2	37.4	171	85.9	1.5	50	
Isopropylbenzene	50.7	5	50	0	101	63	132	47.6	6.3	33.1	
Bromobenzene	52.1	5	50	0	104	65.1	120	48.4	7.3	23.6	
n-Propylbenzene	59.1	5	50	0	118	58.2	128	54.5	8.1	32.4	
4-Chlorotoluene	51.9	5	50	0	104	63.9	127	48.2	7.3	29.1	
2-Chlorotoluene	58	5	50	0	116	63.2	126	54.5	6.3	28.9	
1,3,5-Trimethylbenzene	51.3	5	50	0	103	63.8	138	47.8	7.1	31.9	
tert-Butylbenzene	56.5	5	50	0	113	59.7	128	52.4	7.6	36.2	
1,2,4-Trimethylbenzene	51.4	5	50	0	103	65.1	135	47.8	7.2	28.8	

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#: 2311071

17-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311078-07AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19730	TestNo: SW8260C	
Prep Date: 11/14/2023	RunNo: 18128	SeqNo: 522993	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	52	5	50	0	104	55.5	128	48.4	7.2	40.9	
1,3-Dichlorobenzene	49.8	5	50	0	99.6	64.5	122	45.6	8.8	28.6	
1,4-Dichlorobenzene	53.9	5	50	0	108	63.7	121	50.2	7.1	27.7	
4-Isopropyltoluene	51.4	5	50	0	103	58	135	47.4	8.2	40.4	
1,2-Dichlorobenzene	48.8	5	50	0	97.6	66.7	122	45.5	7.1	24.5	
n-Butylbenzene	51.6	5	50	0	103	52.7	139	46.1	11	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	213	15	250	0	85.1	59.1	143	195	8.6	24.9	
1,2,4-Trichlorobenzene	45.2	10	50	0	90.5	47.1	139	39.8	13	35	
Naphthalene	36.5	10	50	0	73.0	31.6	164	30.1	19	50	
1,2,3-Trichlorobenzene	43.7	10	50	0	87.3	17.7	171	38.3	13	57	
Surr: 1,2-Dichloroethane-d4	59.8		50		120	69.51	130.49	61.9	0	0	
Surr: Toluene-d8	42		50		83.9	69.51	130.49	41.6	0	0	
Surr: 4-Bromofluorobenzene	50.3		50		101	69.51	130.49	49.8	0	0	

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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Definition Only

WO#: 2311071
Date: 11/17/2023

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
 Court Reece
 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

Report Attention: Eric Davis

CA

WorkOrder: CHH2311071
 Report Due By: 20-Nov-23
 EDD Required: YES

Client:

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

TEL: (949) 547-8969

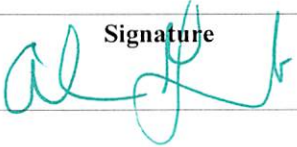
FAX:

ProjectNo: DFSP Norwalk

Date Received: 09-Nov-23

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						
CHH2311071-01	TB-1	AQ	11/7/2023 7:00:00 AM	1	0	7			A - Partial						Client provided TB
CHH2311071-02	PZ-5	AQ	11/7/2023 8:01:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-03	DUP-1	AQ	11/7/2023	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-04	GMW-O-18	AQ	11/7/2023 8:44:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-05	GMW-O-24	AQ	11/7/2023 9:49:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-06	GMW-O-19	AQ	11/7/2023 10:41:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-07	GMW-O-16	AQ	11/7/2023 11:32:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-08	GMW-36	AQ	11/7/2023 12:56:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-09	GMW-39	AQ	11/7/2023 1:39:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311071-10	MW-8	AQ	11/7/2023 2:05:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						

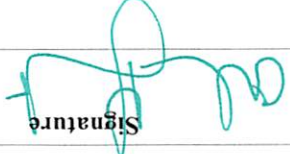
Comments: Run two analyses in order to achieve lower reporting limits for all other analytes due to high TBA values.

Logged in by:	Signature	Print Name	Company	Date/Time
		Alucia Christ	Alpha Analytical, Inc.	11/9/23 1202

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	Alpha Sub TAT	TPHE_W	TPHP_W	VOC_W	Requested Tests	Sample Remarks
CHH2311071-11	EB-1	AQ	11/7/2023 2:15:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-12	EXP-3	AQ	11/6/2023 12:40:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-13	WCW-8	AQ	11/7/2023 10:35:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-14	WCW-13	AQ	11/7/2023 9:40:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-15	WCW-14	AQ	11/7/2023 9:10:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-16	WCW-4	AQ	11/7/2023 8:20:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-17	EXP-4	AQ	11/7/2023 7:50:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-18	WCW-2	AQ	11/7/2023 1:45:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-19	WCW-12	AQ	11/7/2023 12:35:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-20	WCW-3	AQ	11/7/2023 11:30:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2311071-21	EB-2	AQ	11/7/2023 2:00:00 PM	6	0	7	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.

Signature	Print Name	Company	Date/Time
	Alivia Chisler	Alpha Analytical, Inc.	11/9/23 1202

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.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

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 1 of 3

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												
TR-1	11-7-23	0700	AQ	1	HCL	VGA	X	X							NO TPH-E POP-01 Due to sample volume			UHH2311071-
PZ-5		0801		6														01
DUP-1		-		6														02
GMW-0-12		0844		6														03
GMW-0-24		0949		6														04
GMW-0-19		1041		6														05
GMW-0-16		1132		6														06
GMW-36		1256		6														07
GMW-39		1339		6														08
MW-8		1405		6														09
																		10

SAMPLING COMPLETED DATE 11-7-23 TIME 1700 SAMPLING PERFORMED BY Chris Curriel RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1700 RECEIVED BY Mr Nicole Parle DATE 11/7/23 TIME 1700

RELEASED BY Mr Nicole (Blaine Tech) TIME 1600 RECEIVED BY FGD [Signature] DATE 11/8/23 TIME 1600

RELEASED BY [Signature] TIME [Signature] RECEIVED BY [Signature] DATE 11/9/23 TIME 1144

SHIPPED VIA TIME SENT COOLER # Page 66 of 68

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

TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)																			

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																			
EB-1	11-7-23	1415	AQ	6	14CL	VOA	X	X																CHH2311071-11	

SAMPLING COMPLETED: 11-7-23 | TIME: 1415 | SAMPLING PERFORMED BY: Chris Cornel | RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] | TIME: 1300 | RECEIVED BY: [Signature] | DATE: 11/7/23 | TIME: 1300

RELEASED BY: [Signature] | TIME: 1600 | RECEIVED BY: FEDEX | DATE: 11/8/23 | TIME: 1600

RELEASED BY: [Signature] | TIME: [] | RECEIVED BY: [Signature] | DATE: 11/9/23 | TIME: 1144

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

3 3
20 of 20

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

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												
EXP-3	11/16/2023	1240	AQ	6	HCl	VOA	X	X										CHH 2311071-12
WCW-8	11/17/2023	1035		6	HCl		X	X										13
WCW-13		0940		6	HCl		X	X										14
WCW-14		0910		6	HCl		X	X										15
WCW-4		0820		6	HCl		X	X										16
EXP-4		0750		6	HCl		X	X										17
WCW-2		1345		6	HCl		X	X										18
WCW-12		1235		6	HCl		X	X										19
WCW-3	✓	1130	✓	6	HCl	✓	X	X										20
EB-2		1400		6	HCl		X	X										21

SAMPLING COMPLETED: 11/17/2023 1500

SAMPLING PERFORMED BY: Jonathan Pigg (BTS)

RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: Jonathan Pigg (11/17/2023) TIME: 1700 RECEIVED BY: Ms Nicole Park DATE: 11/7/23 TIME: 1700

RELEASED BY: Ms Nicole (Blaine Tech) TIME: 1600 RECEIVED BY: FEDGX DATE: 11/8/23 TIME: 1600

RELEASED BY: TIME: RECEIVED BY: DATE: 11/9/23 TIME: 1141

SHIPPED VIA: TIME SENT: COOLER #: Page 68 of 68



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

November 20, 2023

Eric Davis
CH2M Hill
2600 Michelson Dr., Suite 500
Irvine, CA 92612
TEL: (949) 547-8969
FAX:

RE: DFSP Norwalk

Order No.: CHH2311103

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".

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#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-01 **Matrix:** AQUEOUS
Client Sample ID: TB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260



Alpha Analytical, Inc.
 255 Glendale Ave, #21
 Sparks, Nevada 89431
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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-01 **Matrix:** AQUEOUS
Client Sample ID: TB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	95	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023 7:52:00 AM

Project: DFSP Norwalk

Lab ID: 2311103-02

Matrix: AQUEOUS

Client Sample ID: GMW-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.7	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	96	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 7:52:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 8:37:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-03 **Matrix:** AQUEOUS
Client Sample ID: MW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.075	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	95	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 8:37:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-03 **Matrix:** AQUEOUS
Client Sample ID: MW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 9:19:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-04 **Matrix:** AQUEOUS
Client Sample ID: PW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	93	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311103-04
Client Sample ID: PW-3

Collection Date: 11/9/2023 9:19:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/16/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 10:39:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-05 **Matrix:** AQUEOUS
Client Sample ID: GMW-26

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	91	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	11	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



Alpha Analytical, Inc.
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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 10:39:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-05 **Matrix:** AQUEOUS
Client Sample ID: GMW-26

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 11:18:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-06 **Matrix:** AQUEOUS
Client Sample ID: GMW-28

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	95	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 11:18:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-06 **Matrix:** AQUEOUS
Client Sample ID: GMW-28

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 1:07:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-1R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.10	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	90	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.10		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	20		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	0.81	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	100		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 1:07:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-1R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	10		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023
Project: DFSP Norwalk
Lab ID: 2311103-08 **Matrix:** AQUEOUS
Client Sample ID: DUP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.092	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	86	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.10		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	20		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	0.68	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	100		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023

Project: DFSP Norwalk

Lab ID: 2311103-08

Matrix: AQUEOUS

Client Sample ID: DUP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	10		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8260

NOTES:

Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 1:39:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-09 **Matrix:** AQUEOUS
Client Sample ID: HL-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/13/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/13/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023 1:39:00 PM

Project: DFSP Norwalk

Lab ID: 2311103-09

Matrix: AQUEOUS

Client Sample ID: HL-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 2:06:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-10 **Matrix:** AQUEOUS
Client Sample ID: MW-21(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.097	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	91	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	1.5	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	1.1	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 2:06:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-10 **Matrix:** AQUEOUS
Client Sample ID: MW-21(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023

Project: DFSP Norwalk

Lab ID: 2311103-11

Matrix: AQUEOUS

Client Sample ID: DUP-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.10	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	1.3	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	1.2	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023

Project: DFSP Norwalk

Lab ID: 2311103-11

Matrix: AQUEOUS

Client Sample ID: DUP-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 2:15:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-12 **Matrix:** AQUEOUS
Client Sample ID: EB-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	99	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	85	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023 2:15:00 PM

Project: DFSP Norwalk

Lab ID: 2311103-12

Matrix: AQUEOUS

Client Sample ID: EB-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	85	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/16/2023	EPA 8260



CLIENT: CH2M Hill **Collection Date:** 11/9/2023 1:30:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-13 **Matrix:** AQUEOUS
Client Sample ID: EXP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	97	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	22	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	0.76	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023 1:30:00 PM

Project: DFSP Norwalk

Lab ID: 2311103-13

Matrix: AQUEOUS

Client Sample ID: EXP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023
Project: DFSP Norwalk
Lab ID: 2311103-14 **Matrix:** AQUEOUS
Client Sample ID: DUP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.7	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	96	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023

Project: DFSP Norwalk

Lab ID: 2311103-14

Matrix: AQUEOUS

Client Sample ID: DUP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	11/16/2023	EPA 8260

NOTES:

Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 1:05:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-21

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.17	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	91	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.10		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	20		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	2.9	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	100		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 1:05:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-21

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	10		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 2:10:00 PM
Project: DFSP Norwalk
Lab ID: 2311103-16 **Matrix:** AQUEOUS
Client Sample ID: MW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	3.9	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	94	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	1.0		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	85	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	40		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	10		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	40		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	200		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	100		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	40		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	50		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	5.4	5.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	1,000		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	200		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	10		µg/L	11/16/2023	EPA 8260
Chloroform	ND	10		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	10		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	10		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	10		µg/L	11/16/2023	EPA 8260
Benzene	32	5.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	10		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	10		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	10		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	50		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	10		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Toluene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	10		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023 2:10:00 PM

Project: DFSP Norwalk

Lab ID: 2311103-16

Matrix: AQUEOUS

Client Sample ID: MW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	100		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	40		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	10		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	10		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	5.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	10		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	40		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	10		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	10		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	10		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	60		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	40		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	40		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	40		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	85	70-130		%Rec	11/16/2023	EPA 8260

NOTES:

Reporting Limit(s) increased due to sample foaming.

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 11:55:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	91	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 11:55:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-17 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 11:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-18 **Matrix:** AQUEOUS
Client Sample ID: EXP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	95	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	108	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 11:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-18 **Matrix:** AQUEOUS
Client Sample ID: EXP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	108	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/16/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 10:05:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-19 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-17

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	89	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 10:05:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-19 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-17

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 9:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-20 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	90	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 9:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-20 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	106	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023

Project: DFSP Norwalk

Lab ID: 2311103-21

Matrix: AQUEOUS

Client Sample ID: DUP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	97	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/17/2023	EPA 8015C
Surr: Toluene-d8	105	70-130		%Rec	11/17/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/17/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/17/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/17/2023	EPA 8260
Acetone	ND	10		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/17/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/17/2023	EPA 8260
Freon-113	ND	10		µg/L	11/17/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/17/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/17/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/17/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/17/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/17/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/17/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/17/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/17/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/17/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/17/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/17/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023

Project: DFSP Norwalk

Lab ID: 2311103-21

Matrix: AQUEOUS

Client Sample ID: DUP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/17/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/17/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/17/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/17/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/17/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/17/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/17/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/17/2023	EPA 8260
Surr: Toluene-d8	105	70-130		%Rec	11/17/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/17/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 7:50:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-22 **Matrix:** AQUEOUS
Client Sample ID: MW-20(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	96	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/17/2023	EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/17/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/17/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/17/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/17/2023	EPA 8260
Acetone	ND	10		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/17/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/17/2023	EPA 8260
Freon-113	ND	10		µg/L	11/17/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/17/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	6.6	0.50		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/17/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/17/2023	EPA 8260
Di-isopropyl Ether (DIPE)	2.9	1.0		µg/L	11/17/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/17/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloroethane	8.0	0.50		µg/L	11/17/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/17/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/17/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/17/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/17/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/17/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/17/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260



Alpha Analytical, Inc.
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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 7:50:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-22 **Matrix:** AQUEOUS
Client Sample ID: MW-20(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/17/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/17/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/17/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/17/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/17/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/17/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/17/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/17/2023	EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/17/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/17/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 8:25:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-23 **Matrix:** AQUEOUS
Client Sample ID: MW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.055	0.050	LC	mg/L	11/14/2023	EPA 8015C
Surr: Nonane	97	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/17/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/17/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/17/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/17/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/17/2023	EPA 8260
Acetone	ND	10		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/17/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/17/2023	EPA 8260
Freon-113	ND	10		µg/L	11/17/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/17/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/17/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/17/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/17/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/17/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/17/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/17/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/17/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/17/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/17/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/17/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill **Collection Date:** 11/9/2023 8:25:00 AM
Project: DFSP Norwalk
Lab ID: 2311103-23 **Matrix:** AQUEOUS
Client Sample ID: MW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/17/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/17/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/17/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/17/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/17/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/17/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/17/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/17/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/17/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/17/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311103-24
Client Sample ID: EB-6

Collection Date: 11/9/2023 2:30:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	98	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/17/2023	EPA 8015C
Surr: Toluene-d8	107	70-130		%Rec	11/17/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/17/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/17/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/17/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/17/2023	EPA 8260
Acetone	ND	10		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/17/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/17/2023	EPA 8260
Freon-113	ND	10		µg/L	11/17/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/17/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/17/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/17/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/17/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/17/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/17/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/17/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/17/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/17/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/17/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/17/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/17/2023	EPA 8260



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Analytical Report

WO#: CHH2311103

Report Date: 11/20/2023

CLIENT: CH2M Hill

Collection Date: 11/9/2023 2:30:00 PM

Project: DFSP Norwalk

Lab ID: 2311103-24

Matrix: AQUEOUS

Client Sample ID: EB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/17/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/17/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/17/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/17/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/17/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/17/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/17/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/17/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/17/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/17/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/17/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/17/2023	EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	11/17/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/17/2023	EPA 8260



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QC SUMMARY REPORT

WO#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-19714	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522449	
Analysis Date: 11/14/2023			

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	0.16		0.15		107	70	130				

Sample ID: LCS-19714	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522450	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.37	0.05	2.5	0	94.8	80	120				
Surr: Nonane	0.162		0.15		108	70	130				

Sample ID: 2311102-01AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522452	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.44	0.1	2.5	0	97.6	80	120				
Surr: Nonane	0.307		0.3		102	70	130				

Sample ID: 2311102-01AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522453	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.53	0.1	2.5	0	101	80	120	2.44	3.7	7	
Surr: Nonane	0.291		0.3		97.0	70	130	0.307	0	0	

Sample ID: MB-19715	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19715	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18112	SeqNo: 522411	
Analysis Date: 11/13/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-19715	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L								
Client ID: PBW	Batch ID: 19715	TestNo: SW8015	SW8015								
Prep Date: 11/13/2023	RunNo: 18112	SeqNo: 522411									
Analysis Date: 11/13/2023											
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	0.13		0.15		89.3	70	130				

Sample ID: LCS-19715	SampType: LCS	TestCode: TPH/E_W	Units: mg/L								
Client ID: LCSW	Batch ID: 19715	TestNo: SW8015	SW8015								
Prep Date: 11/13/2023	RunNo: 18112	SeqNo: 522412									
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.56	0.05	2.5	0	103	80	120				
Surr: Nonane	0.153		0.15		102	70	130				

Sample ID: 2311103-09AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L								
Client ID: HL-3MS	Batch ID: 19715	TestNo: SW8015	SW8015								
Prep Date: 11/13/2023	RunNo: 18112	SeqNo: 522414									
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.95	0.1	2.5	0.026	117	80	120				
Surr: Nonane	0.295		0.3		98.3	70	130				

Sample ID: 2311103-09AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L								
Client ID: HL-3MSD	Batch ID: 19715	TestNo: SW8015	SW8015								
Prep Date: 11/13/2023	RunNo: 18112	SeqNo: 522415									
Analysis Date: 11/13/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.88	0.1	2.5	0.026	114	80	120	2.95	2.6	7	
Surr: Nonane	0.295		0.3		98.3	70	130	0.295	0	0	

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19745	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19745B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523322									
Analysis Date: 11/16/2023											
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	0.0096		0.01		95.5	70	130				
Surr: Toluene-d8	0.011		0.01		106	70	130				
Surr: 4-Bromofluorobenzene	0.0096		0.01		95.8	70	130				

Sample ID: GLCS-19745	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19745B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523321									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.442	0.05	0.4	0	110	80	120				
Surr: 1,2-Dichloroethane-d4	0.00962		0.01		96.2	70	130				
Surr: Toluene-d8	0.0101		0.01		101	70	130				
Surr: 4-Bromofluorobenzene	0.0093		0.01		93.0	70	130				

Sample ID: 2311103-12AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A19745B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523342									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.08	0.25	2	0	104	60	125				
Surr: 1,2-Dichloroethane-d4	0.0504		0.05		101	69.51	130.49				
Surr: Toluene-d8	0.0487		0.05		97.4	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0474		0.05		94.9	69.51	130.49				

Sample ID: 2311103-12AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A19745B	TestNo: SW8015									
Prep Date: 11/20/2023	RunNo: 18143	SeqNo: 523433									
Analysis Date: 11/20/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.14	0.25	2	0	107	60	125	2.08	2.9	28	
Surr: 1,2-Dichloroethane-d4	0.0479		0.05		95.8	69.51	130.49	0.0504	0	0	
Surr: Toluene-d8	0.0485		0.05		97.0	69.51	130.49	0.0487	0	0	
Surr: 4-Bromofluorobenzene	0.0504		0.05		101	69.51	130.49	0.0474	0	0	

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19747	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19747B	TestNo: SW8015									
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523364									
Analysis Date: 11/17/2023											
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	0.0098		0.01		97.6	70	130				
Surr: Toluene-d8	0.011		0.01		107	70	130				
Surr: 4-Bromofluorobenzene	0.01		0.01		102	70	130				

Sample ID: GLCS-19747	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19747B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18144	SeqNo: 523363									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.412	0.05	0.4	0	103	80	120				
Surr: 1,2-Dichloroethane-d4	0.00988		0.01		98.8	70	130				
Surr: Toluene-d8	0.00997		0.01		99.7	70	130				
Surr: 4-Bromofluorobenzene	0.0095		0.01		95.0	70	130				

Sample ID: 2311103-24AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-6	Batch ID: A19747B	TestNo: SW8015									
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523360									
Analysis Date: 11/17/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.09	0.25	2	0	104	60	125				
Surr: 1,2-Dichloroethane-d4	0.0504		0.05		101	69.51	130.49				
Surr: Toluene-d8	0.0489		0.05		97.7	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0468		0.05		93.7	69.51	130.49				

Sample ID: 2311103-24AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-6	Batch ID: A19747B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18144	SeqNo: 523361									
Analysis Date: 11/17/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.15	0.25	2	0	107	60	125	2.09	2.9	28	
Surr: 1,2-Dichloroethane-d4	0.0496		0.05		99.1	69.51	130.49	0.0504	0	0	
Surr: Toluene-d8	0.05		0.05		100	69.51	130.49	0.0489	0	0	
Surr: 4-Bromofluorobenzene	0.0473		0.05		94.5	69.51	130.49	0.0468	0	0	

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19745	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523298	
Analysis Date: 11/16/2023			

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									
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19745	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523298	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	9.6		10		95.5	69.51	130.49				
Surr: Toluene-d8	11		10		106	69.51	130.49				
Surr: 4-Bromofluorobenzene	9.6		10		95.8	69.51	130.49				

Sample ID: LCS-19745	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523297	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	12.4	1	10	0	124	16.9	124				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19745	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523297	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	8	2	10	0	80.0	25.9	136				
Vinyl chloride	9.89	1	10	0	98.9	47.8	132				
Chloroethane	12	1	10	0	120	62.3	169				
Bromomethane	10.9	2	10	0	109	33.8	135				
Trichlorofluoromethane	12	1	10	0	120	16.8	155				
Acetone	170	10	200	0	84.9	72	124				
1,1-Dichloroethene	10.8	1	10	0	108	65.2	129				
Tertiary Butyl Alcohol (TBA)	88.7	10	100	0	88.7	52.9	128.4				
Dichloromethane	10.7	2	10	0	107	65.2	129				
Freon-113	12.6	1	10	0	126	52.4	143				
trans-1,2-Dichloroethene	8.6	1	10	0	86.0	66.7	132				
Methyl tert-butyl ether (MTBE)	10.8	0.5	10	0	108	52.9	125				
1,1-Dichloroethane	8.92	1	10	0	89.2	66.6	129				
2-Butanone (MEK)	212	10	200	0	106	63.7	120.4				
Di-isopropyl Ether (DIPE)	7.44	1	10	0	74.4	63.6	131				
cis-1,2-Dichloroethene	10.1	1	10	0	101	59.2	131				
Bromochloromethane	10.5	1	10	0	105	65.9	121				
Chloroform	10	1	10	0	100	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	7.97	1	10	0	79.7	44.6	136				
2,2-Dichloropropane	11	1	10	0	110	58.2	146				
1,2-Dichloroethane	9.58	1	10	0	95.8	73.4	120.4				
1,1,1-Trichloroethane	10.2	1	10	0	102	52.7	144				
1,1-Dichloropropene	9.72	1	10	0	97.2	85.6	131				
Carbon tetrachloride	10.7	1	10	0	107	30.9	175				
Benzene	10.4	0.5	10	0	104	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.9	1	10	0	99.0	52.4	141				
Dibromomethane	9.9	1	10	0	99.0	78.5	120.4				
1,2-Dichloropropane	10.5	1	10	0	105	79.5	126				
Trichloroethene	10.5	1	10	0	105	69	120.4				
Bromodichloromethane	9.49	1	10	0	94.9	73.9	122				
4-Methyl-2-pentanone (MIBK)	17.4	2.5	25	0	69.4	66.4	122				
cis-1,3-Dichloropropene	9.22	1	10	0	92.2	78.7	120.4				
trans-1,3-Dichloropropene	9.46	1	10	0	94.6	70.2	120.4				
1,1,2-Trichloroethane	9.55	1	10	0	95.5	76.2	120.4				
Toluene	11	0.5	10	0	110	79.7	126				
1,3-Dichloropropane	9.41	1	10	0	94.1	71.7	131				
2-Hexanone	68.7	5	100	0	68.7	52.9	152				
Dibromochloromethane	10	1	10	0	100	79.5	120.4				
1,2-Dibromoethane (EDB)	20.1	2	20	0	100	76.4	120.4				
Tetrachloroethene	11.3	1	10	0	113	64	123				
1,1,1,2-Tetrachloroethane	10.5	1	10	0	105	77.9	120.4				
Chlorobenzene	10.9	1	10	0	109	70.9	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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19745	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523297	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	9.89	0.5	10	0	98.9	77.5	120.4				
m,p-Xylene	9.95	0.5	10	0	99.5	74.8	120.4				
Bromoform	10.5	1	10	0	105	51.3	120.4				
Xylenes, Total	20.6	0.5	20	0	103	77.6	120.4				
Styrene	9.4	1	10	0	94.0	71.9	120.4				
o-Xylene	10.6	0.5	10	0	106	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.13	1	10	0	91.3	55.6	138				
1,2,3-Trichloropropane	18.9	2	20	0	94.5	73.4	120.4				
Isopropylbenzene	10	1	10	0	100	78.7	148				
Bromobenzene	10.1	1	10	0	101	79.5	121				
n-Propylbenzene	9.68	1	10	0	96.8	82.5	134				
4-Chlorotoluene	10.6	1	10	0	106	79.5	135				
2-Chlorotoluene	10.3	1	10	0	103	79.5	131				
1,3,5-Trimethylbenzene	9.3	1	10	0	93.0	79.5	135				
tert-Butylbenzene	9.44	1	10	0	94.4	79.5	139				
1,2,4-Trimethylbenzene	9.25	1	10	0	92.5	79.5	138				
sec-Butylbenzene	9.66	1	10	0	96.6	79.5	132				
1,3-Dichlorobenzene	10.4	1	10	0	104	79.5	125				
1,4-Dichlorobenzene	10.4	1	10	0	104	79.5	123				
4-Isopropyltoluene	9.26	1	10	0	92.6	79.5	130				
1,2-Dichlorobenzene	9.91	1	10	0	99.1	79.5	121				
n-Butylbenzene	8.94	1	10	0	89.4	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	46.2	3	50	0	92.4	72.1	136				
1,2,4-Trichlorobenzene	9.54	2	10	0	95.4	73.3	126				
Naphthalene	7.06	2	10	0	70.6	47.2	142				
1,2,3-Trichlorobenzene	9.05	2	10	0	90.5	67.4	130				
Surr: 1,2-Dichloroethane-d4	10.2		10		102	69.51	130.5				
Surr: Toluene-d8	10.1		10		101	69.51	130.5				
Surr: 4-Bromofluorobenzene	8.81		10		88.1	69.51	130.5				

Sample ID: 2311103-12AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523319	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	47.8	5	50	0	95.7	5.1	155				
Chloromethane	16.9	10	50	0	33.7	37.7	121				S
Vinyl chloride	51.3	5	50	0	103	60.4	140				
Chloroethane	73.2	5	50	0	146	43.1	206				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-12AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523319	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	59.2	10	50	0	118	12.6	168				
Trichlorofluoromethane	66.7	5	50	0	133	58.6	163				
Acetone	1010	50	1000	6.51	100	37.3	152				
1,1-Dichloroethene	60.1	5	50	0	120	69.8	158				
Tertiary Butyl Alcohol (TBA)	388	50	500	0	77.6	60.4	158				
Dichloromethane	64.7	10	50	0	129	71.7	132				
Freon-113	59	5	50	0	118	52.1	166				
trans-1,2-Dichloroethene	56.7	5	50	0	113	72	136				
Methyl tert-butyl ether (MTBE)	56.2	2.5	50	0	112	54.8	155				
1,1-Dichloroethane	49.5	5	50	0	98.9	76.9	140				
2-Butanone (MEK)	1060	50	1000	0	106	73.7	142				
Di-isopropyl Ether (DIPE)	39	5	50	0	78.0	74.8	136				
cis-1,2-Dichloroethene	54	5	50	0	108	73.9	133				
Bromochloromethane	56.3	5	50	0	112	75.8	132				
Chloroform	56.5	5	50	0	113	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	40.1	5	50	0	80.2	74.8	138				
2,2-Dichloropropane	49.7	5	50	0	99.3	53.9	146				
1,2-Dichloroethane	54.3	5	50	0	109	72.6	144				
1,1,1-Trichloroethane	56	5	50	0	112	70.2	138				
1,1-Dichloropropene	52.8	5	50	0	106	69.7	146				
Carbon tetrachloride	58.8	5	50	0	118	58.2	141				
Benzene	56.5	2.5	50	0	113	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	51.4	5	50	0	103	72.3	144				
Dibromomethane	53.5	5	50	0	107	75.2	144				
1,2-Dichloropropane	58.5	5	50	0	117	75.3	144				
Trichloroethene	55.4	5	50	0	111	65.7	131				
Bromodichloromethane	53.4	5	50	0	107	70.2	141				
4-Methyl-2-pentanone (MIBK)	78.9	12.5	125	0	63.1	57.9	143				
cis-1,3-Dichloropropene	40.3	5	50	0	80.6	56.9	132				
trans-1,3-Dichloropropene	48.8	5	50	0	97.7	72	131				
1,1,2-Trichloroethane	50.1	5	50	0	100	74	130				
Toluene	58.5	2.5	50	0	117	67.2	131				
1,3-Dichloropropane	50.7	5	50	0	101	74.2	124				
2-Hexanone	350	25	500	0	70.0	66.7	135				
Dibromochloromethane	52.7	5	50	0	105	71.5	134				
1,2-Dibromoethane (EDB)	104	10	100	0	104	74.7	129				
Tetrachloroethene	57.5	5	50	0	115	45.9	138				
1,1,1,2-Tetrachloroethane	57.3	5	50	0	115	75.7	125				
Chlorobenzene	58.1	5	50	0	116	73.7	120				
Ethylbenzene	53.7	2.5	50	0	107	70.3	122				
m,p-Xylene	52.4	2.5	50	0	105	52.9	136				
Bromoform	55.7	5	50	0	111	61.5	141				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-12AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523319	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	109	2.5	100	0	109	61	131				
Styrene	49.6	5	50	0	99.2	74	130				
o-Xylene	56.9	2.5	50	0	114	67.3	129				
1,1,2,2-Tetrachloroethane	48.4	5	50	0	96.8	62.4	153				
1,2,3-Trichloropropane	104	10	100	0	104	37.4	171				
Isopropylbenzene	53.1	5	50	0	106	63	132				
Bromobenzene	53	5	50	0	106	65.1	120				
n-Propylbenzene	52.1	5	50	0	104	58.2	128				
4-Chlorotoluene	56.2	5	50	0	112	63.9	127				
2-Chlorotoluene	56	5	50	0	112	63.2	126				
1,3,5-Trimethylbenzene	51.1	5	50	0	102	63.8	138				
tert-Butylbenzene	51.6	5	50	0	103	59.7	128				
1,2,4-Trimethylbenzene	49.9	5	50	0	99.9	65.1	135				
sec-Butylbenzene	51.2	5	50	0	102	55.5	128				
1,3-Dichlorobenzene	55.7	5	50	0	111	64.5	122				
1,4-Dichlorobenzene	55.6	5	50	0	111	63.7	121				
4-Isopropyltoluene	48.9	5	50	0	97.8	58	135				
1,2-Dichlorobenzene	53.4	5	50	0	107	66.7	122				
n-Butylbenzene	46.1	5	50	0	92.1	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	240	15	250	0	96.1	59.1	143				
1,2,4-Trichlorobenzene	49.8	10	50	0	99.7	47.1	139				
Naphthalene	37.8	10	50	0	75.6	31.6	164				
1,2,3-Trichlorobenzene	48.4	10	50	0	96.8	17.7	171				
Surr: 1,2-Dichloroethane-d4	54.1		50		108	69.51	130.49				
Surr: Toluene-d8	48.8		50		97.6	69.51	130.49				
Surr: 4-Bromofluorobenzene	44.8		50		89.7	69.51	130.49				

Sample ID: 2311103-12AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523320	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	60.8	5	50	0	122	5.1	155	47.8	24	38	
Chloromethane	38	10	50	0	76.1	37.7	121	16.9	77	22.5	R
Vinyl chloride	53.5	5	50	0	107	60.4	140	51.3	4.1	23.9	
Chloroethane	76.3	5	50	0	153	43.1	206	73.2	4.2	22.9	
Bromomethane	62.8	10	50	0	126	12.6	168	59.2	5.9	48	
Trichlorofluoromethane	74.2	5	50	0	148	58.6	163	66.7	11	33.3	
Acetone	1010	50	1000	6.51	100	37.3	152	1010	0.12	50	

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-12AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523320	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	65.8	5	50	0	132	69.8	158	60.1	9	21.7	
Tertiary Butyl Alcohol (TBA)	438	50	500	0	87.6	60.4	158	388	12	26.8	
Dichloromethane	65.7	10	50	0	131	71.7	132	64.7	1.5	20	
Freon-113	70.7	5	50	0	141	52.1	166	59	18	25.9	
trans-1,2-Dichloroethene	58.9	5	50	0	118	72	136	56.7	3.8	19.2	
Methyl tert-butyl ether (MTBE)	59.5	2.5	50	0	119	54.8	155	56.2	5.7	21.4	
1,1-Dichloroethane	51.4	5	50	0	103	76.9	140	49.5	3.8	18	
2-Butanone (MEK)	1110	50	1000	0	111	73.7	142	1060	4.8	20.9	
Di-isopropyl Ether (DIPE)	41.5	5	50	0	83.0	74.8	136	39	6.1	18.2	
cis-1,2-Dichloroethene	56.2	5	50	0	112	73.9	133	54	4.1	20.1	
Bromochloromethane	58.5	5	50	0	117	75.8	132	56.3	3.9	23.5	
Chloroform	58	5	50	0	116	74.3	130	56.5	2.7	18	
Ethyl Tertiary Butyl Ether (ETBE)	42.9	5	50	0	85.7	74.8	138	40.1	6.7	20.3	
2,2-Dichloropropane	50.1	5	50	0	100	53.9	146	49.7	0.94	52.3	
1,2-Dichloroethane	55.6	5	50	0	111	72.6	144	54.3	2.5	17.1	
1,1,1-Trichloroethane	59.1	5	50	0	118	70.2	138	56	5.4	22.2	
1,1-Dichloropropene	55.8	5	50	0	112	69.7	146	52.8	5.5	29.6	
Carbon tetrachloride	62	5	50	0	124	58.2	141	58.8	5.3	31.9	
Benzene	58.9	2.5	50	0	118	67.8	140	56.5	4.1	18.1	
Tertiary Amyl Methyl Ether (TAME)	54.2	5	50	0	108	72.3	144	51.4	5.3	20.6	
Dibromomethane	55.5	5	50	0	111	75.2	144	53.5	3.6	19.5	
1,2-Dichloropropane	60.2	5	50	0	120	75.3	144	58.5	2.8	19.7	
Trichloroethene	58.5	5	50	0	117	65.7	131	55.4	5.4	25.3	
Bromodichloromethane	55.1	5	50	0	110	70.2	141	53.4	3.1	20.5	
4-Methyl-2-pentanone (MIBK)	82.3	12.5	125	0	65.8	57.9	143	78.9	4.2	21.3	
cis-1,3-Dichloropropene	42.5	5	50	0	85.1	56.9	132	40.3	5.4	25.8	
trans-1,3-Dichloropropene	51	5	50	0	102	72	131	48.8	4.3	26.4	
1,1,2-Trichloroethane	52.8	5	50	0	106	74	130	50.1	5.3	21.9	
Toluene	60.5	2.5	50	0	121	67.2	131	58.5	3.4	18.3	
1,3-Dichloropropane	52.6	5	50	0	105	74.2	124	50.7	3.7	21.7	
2-Hexanone	359	25	500	0	71.8	66.7	135	350	2.5	20.9	
Dibromochloromethane	55.5	5	50	0	111	71.5	134	52.7	5.2	24.1	
1,2-Dibromoethane (EDB)	110	10	100	0	110	74.7	129	104	5.4	23.1	
Tetrachloroethene	61.7	5	50	0	123	45.9	138	57.5	7	30.9	
1,1,1,2-Tetrachloroethane	59.2	5	50	0	118	75.7	125	57.3	3.3	22.6	
Chlorobenzene	60.4	5	50	0	121	73.7	120	58.1	3.7	23.1	S
Ethylbenzene	55.8	2.5	50	0	112	70.3	122	53.7	4	25.3	
m,p-Xylene	54.4	2.5	50	0	109	52.9	136	52.4	3.7	26.6	
Bromoform	58.1	5	50	0	116	61.5	141	55.7	4.3	25	
Xylenes, Total	113	2.5	100	0	113	61	131	109	3.1	25.6	
Styrene	51.4	5	50	0	103	74	130	49.6	3.5	26	
o-Xylene	58.3	2.5	50	0	117	67.3	129	56.9	2.5	25	

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-12AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A19745	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18143	SeqNo: 523320	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	50.4	5	50	0	101	62.4	153	48.4	4.1	24.6	
1,2,3-Trichloropropane	106	10	100	0	106	37.4	171	104	1.8	50	
Isopropylbenzene	55.2	5	50	0	110	63	132	53.1	4	33.1	
Bromobenzene	55.3	5	50	0	111	65.1	120	53	4.2	23.6	
n-Propylbenzene	54.1	5	50	0	108	58.2	128	52.1	3.7	32.4	
4-Chlorotoluene	58.8	5	50	0	118	63.9	127	56.2	4.5	29.1	
2-Chlorotoluene	58.5	5	50	0	117	63.2	126	56	4.3	28.9	
1,3,5-Trimethylbenzene	53.1	5	50	0	106	63.8	138	51.1	3.8	31.9	
tert-Butylbenzene	53.9	5	50	0	108	59.7	128	51.6	4.3	36.2	
1,2,4-Trimethylbenzene	51.9	5	50	0	104	65.1	135	49.9	3.8	28.8	
sec-Butylbenzene	54.2	5	50	0	108	55.5	128	51.2	5.8	40.9	
1,3-Dichlorobenzene	58.3	5	50	0	117	64.5	122	55.7	4.6	28.6	
1,4-Dichlorobenzene	58.4	5	50	0	117	63.7	121	55.6	4.9	27.7	
4-Isopropyltoluene	51.6	5	50	0	103	58	135	48.9	5.5	40.4	
1,2-Dichlorobenzene	56	5	50	0	112	66.7	122	53.4	4.7	24.5	
n-Butylbenzene	48.8	5	50	0	97.7	52.7	139	46.1	5.9	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	256	15	250	0	102	59.1	143	240	6.2	24.9	
1,2,4-Trichlorobenzene	54.6	10	50	0	109	47.1	139	49.8	9.2	35	
Naphthalene	41.8	10	50	0	83.5	31.6	164	37.8	9.9	50	
1,2,3-Trichlorobenzene	53.5	10	50	0	107	17.7	171	48.4	10	57	
Surr: 1,2-Dichloroethane-d4	55.8		50		112	69.51	130.49	54.1	0	0	
Surr: Toluene-d8	48.6		50		97.3	69.51	130.49	48.8	0	0	
Surr: 4-Bromofluorobenzene	44.2		50		88.4	69.51	130.49	44.8	0	0	

Sample ID: MB-19747	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523355	
Analysis Date: 11/17/2023			

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									

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19747	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523355	
Analysis Date: 11/17/2023			

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

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19747	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523355	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	9.8		10		97.6	69.51	130.49				
Surr: Toluene-d8	11		10		107	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		102	69.51	130.49				

Sample ID: LCS-19747	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18144	SeqNo: 523354	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.6	1	10	0	106	16.9	124				
Chloromethane	8.31	2	10	0	83.1	25.9	136				
Vinyl chloride	9.57	1	10	0	95.7	47.8	132				
Chloroethane	14.1	1	10	0	141	62.3	169				
Bromomethane	11.4	2	10	0	114	33.8	135				
Trichlorofluoromethane	13.3	1	10	0	133	16.8	155				
Acetone	186	10	200	0	93.1	72	124				
1,1-Dichloroethene	11.8	1	10	0	118	65.2	129				
Tertiary Butyl Alcohol (TBA)	80.1	10	100	0	80.1	52.9	128.4				
Dichloromethane	11.8	2	10	0	118	65.2	129				
Freon-113	12.7	1	10	0	127	52.4	143				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19747	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18144	SeqNo: 523354	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	10.6	1	10	0	106	66.7	132				
Methyl tert-butyl ether (MTBE)	10.7	0.5	10	0	106	52.9	125				
1,1-Dichloroethane	9.31	1	10	0	93.1	66.6	129				
2-Butanone (MEK)	203	10	200	0	101	63.7	120.4				
Di-isopropyl Ether (DIPE)	7.29	1	10	0	72.9	63.6	131				
cis-1,2-Dichloroethene	10.3	1	10	0	103	59.2	131				
Bromochloromethane	10.7	1	10	0	107	65.9	121				
Chloroform	10.6	1	10	0	106	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	8.64	1	10	0	86.4	44.6	136				
2,2-Dichloropropane	8.9	1	10	0	89.0	58.2	146				
1,2-Dichloroethane	10.1	1	10	0	101	73.4	120.4				
1,1,1-Trichloroethane	10.7	1	10	0	107	52.7	144				
1,1-Dichloropropene	10.2	1	10	0	102	85.6	131				
Carbon tetrachloride	11.4	1	10	0	114	30.9	175				
Benzene	10.8	0.5	10	0	108	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.71	1	10	0	97.1	52.4	141				
Dibromomethane	10	1	10	0	100	78.5	120.4				
1,2-Dichloropropane	10.9	1	10	0	109	79.5	126				
Trichloroethene	10.9	1	10	0	109	69	120.4				
Bromodichloromethane	10	1	10	0	100	73.9	122				
4-Methyl-2-pentanone (MIBK)	14.7	2.5	25	0	58.7	66.4	122				S
cis-1,3-Dichloropropene	8.85	1	10	0	88.5	78.7	120.4				
trans-1,3-Dichloropropene	9.28	1	10	0	92.8	70.2	120.4				
1,1,2-Trichloroethane	9.36	1	10	0	93.6	76.2	120.4				
Toluene	11.3	0.5	10	0	113	79.7	126				
1,3-Dichloropropane	9.54	1	10	0	95.4	71.7	131				
2-Hexanone	65.6	5	100	0	65.6	52.9	152				
Dibromochloromethane	10	1	10	0	100	79.5	120.4				
1,2-Dibromoethane (EDB)	19.8	2	20	0	99.2	76.4	120.4				
Tetrachloroethene	11.4	1	10	0	114	64	123				
1,1,1,2-Tetrachloroethane	10.8	1	10	0	108	77.9	120.4				
Chlorobenzene	11.1	1	10	0	111	70.9	120.4				
Ethylbenzene	10.3	0.5	10	0	103	77.5	120.4				
m,p-Xylene	10.1	0.5	10	0	101	74.8	120.4				
Bromoform	10.5	1	10	0	105	51.3	120.4				
Xylenes, Total	20.8	0.5	20	0	104	77.6	120.4				
Styrene	9.56	1	10	0	95.6	71.9	120.4				
o-Xylene	10.6	0.5	10	0	106	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.1	1	10	0	91.0	55.6	138				
1,2,3-Trichloropropane	19.6	2	20	0	97.9	73.4	120.4				
Isopropylbenzene	10.3	1	10	0	103	78.7	148				
Bromobenzene	10.1	1	10	0	101	79.5	121				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19747	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18144	SeqNo: 523354	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	10.3	1	10	0	103	82.5	134				
4-Chlorotoluene	11.2	1	10	0	112	79.5	135				
2-Chlorotoluene	11.1	1	10	0	110	79.5	131				
1,3,5-Trimethylbenzene	10	1	10	0	100	79.5	135				
tert-Butylbenzene	10.2	1	10	0	102	79.5	139				
1,2,4-Trimethylbenzene	9.82	1	10	0	98.2	79.5	138				
sec-Butylbenzene	10.3	1	10	0	103	79.5	132				
1,3-Dichlorobenzene	10.9	1	10	0	110	79.5	125				
1,4-Dichlorobenzene	10.9	1	10	0	109	79.5	123				
4-Isopropyltoluene	9.88	1	10	0	98.8	79.5	130				
1,2-Dichlorobenzene	10.4	1	10	0	104	79.5	121				
n-Butylbenzene	9.45	1	10	0	94.5	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	47.3	3	50	0	94.6	72.1	136				
1,2,4-Trichlorobenzene	9.75	2	10	0	97.5	73.3	126				
Naphthalene	7.06	2	10	0	70.6	47.2	142				
1,2,3-Trichlorobenzene	9.24	2	10	0	92.4	67.4	130				
Surr: 1,2-Dichloroethane-d4	10.4		10		104	69.51	130.5				
Surr: Toluene-d8	10.1		10		101	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.02		10		90.2	69.51	130.5				

Sample ID: 2311103-24AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MS	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523345	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	52.3	5	50	0	105	5.1	155				
Chloromethane	32.5	10	50	0	65.1	37.7	121				
Vinyl chloride	47	5	50	0	93.9	60.4	140				
Chloroethane	69.1	5	50	0	138	43.1	206				
Bromomethane	51.5	10	50	0	103	12.6	168				
Trichlorofluoromethane	70.6	5	50	0	141	58.6	163				
Acetone	883	50	1000	0	88.3	37.3	152				
1,1-Dichloroethene	60	5	50	0	120	69.8	158				
Tertiary Butyl Alcohol (TBA)	358	50	500	0	71.5	60.4	158				
Dichloromethane	58.1	10	50	0	116	71.7	132				
Freon-113	67.9	5	50	0	136	52.1	166				
trans-1,2-Dichloroethene	48.5	5	50	0	97.0	72	136				
Methyl tert-butyl ether (MTBE)	49.4	2.5	50	0	98.8	54.8	155				
1,1-Dichloroethane	45.5	5	50	0	91.0	76.9	140				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-24AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MS	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523345	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	978	50	1000	0	97.8	73.7	142				
Di-isopropyl Ether (DIPE)	34.2	5	50	0	68.3	74.8	136				S
cis-1,2-Dichloroethene	49.1	5	50	0	98.2	73.9	133				
Bromochloromethane	51.9	5	50	0	104	75.8	132				
Chloroform	53.1	5	50	0	106	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	35.5	5	50	0	71.0	74.8	138				S
2,2-Dichloropropane	36.3	5	50	0	72.6	53.9	146				
1,2-Dichloroethane	50.2	5	50	0	100	72.6	144				
1,1,1-Trichloroethane	53.1	5	50	0	106	70.2	138				
1,1-Dichloropropene	50.7	5	50	0	101	69.7	146				
Carbon tetrachloride	57.3	5	50	0	115	58.2	141				
Benzene	52.9	2.5	50	0	106	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	45.4	5	50	0	90.9	72.3	144				
Dibromomethane	49	5	50	0	98.0	75.2	144				
1,2-Dichloropropane	54.6	5	50	0	109	75.3	144				
Trichloroethene	51.8	5	50	0	104	65.7	131				
Bromodichloromethane	50	5	50	0	100	70.2	141				
4-Methyl-2-pentanone (MIBK)	69.7	12.5	125	0	55.7	57.9	143				S
cis-1,3-Dichloropropene	34.5	5	50	0	69.0	56.9	132				
trans-1,3-Dichloropropene	42.6	5	50	0	85.1	72	131				
1,1,2-Trichloroethane	45.7	5	50	0	91.4	74	130				
Toluene	55.1	2.5	50	0	110	67.2	131				
1,3-Dichloropropane	45.7	5	50	0	91.3	74.2	124				
2-Hexanone	313	25	500	0	62.6	66.7	135				S
Dibromochloromethane	48.8	5	50	0	97.6	71.5	134				
1,2-Dibromoethane (EDB)	94.2	10	100	0	94.2	74.7	129				
Tetrachloroethene	56.2	5	50	0	112	45.9	138				
1,1,1,2-Tetrachloroethane	54	5	50	0	108	75.7	125				
Chlorobenzene	54.5	5	50	0	109	73.7	120				
Ethylbenzene	51	2.5	50	0	102	70.3	122				
m,p-Xylene	49.4	2.5	50	0	98.9	52.9	136				
Bromoform	51.1	5	50	0	102	61.5	141				
Xylenes, Total	101	2.5	100	0	101	61	131				
Styrene	46.3	5	50	0	92.7	74	130				
o-Xylene	51.4	2.5	50	0	103	67.3	129				
1,1,2,2-Tetrachloroethane	44.2	5	50	0	88.3	62.4	153				
1,2,3-Trichloropropane	96.2	10	100	0	96.2	37.4	171				
Isopropylbenzene	50.3	5	50	0	101	63	132				
Bromobenzene	49.2	5	50	0	98.5	65.1	120				
n-Propylbenzene	48.8	5	50	0	97.6	58.2	128				
4-Chlorotoluene	53.5	5	50	0	107	63.9	127				
2-Chlorotoluene	52.4	5	50	0	105	63.2	126				

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#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-24AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MS	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523345	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	48.5	5	50	0	96.9	63.8	138				
tert-Butylbenzene	49.2	5	50	0	98.4	59.7	128				
1,2,4-Trimethylbenzene	47.5	5	50	0	95.1	65.1	135				
sec-Butylbenzene	49.1	5	50	0	98.1	55.5	128				
1,3-Dichlorobenzene	52.9	5	50	0	106	64.5	122				
1,4-Dichlorobenzene	52.4	5	50	0	105	63.7	121				
4-Isopropyltoluene	47.2	5	50	0	94.3	58	135				
1,2-Dichlorobenzene	50.8	5	50	0	102	66.7	122				
n-Butylbenzene	45.5	5	50	0	90.9	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	226	15	250	0	90.2	59.1	143				
1,2,4-Trichlorobenzene	48.1	10	50	0	96.3	47.1	139				
Naphthalene	34.3	10	50	0	68.5	31.6	164				
1,2,3-Trichlorobenzene	46.8	10	50	0	93.5	17.7	171				
Surr: 1,2-Dichloroethane-d4	54.2		50		108	69.51	130.49				
Surr: Toluene-d8	48.4		50		96.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	43.6		50		87.3	69.51	130.49				

Sample ID: 2311103-24AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MSD	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523346	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	46.9	5	50	0	93.8	5.1	155	52.3	11	38	
Chloromethane	32.9	10	50	0	65.9	37.7	121	32.5	1.2	22.5	
Vinyl chloride	46.8	5	50	0	93.6	60.4	140	47	0.36	23.9	
Chloroethane	62.8	5	50	0	126	43.1	206	69.1	9.5	22.9	
Bromomethane	55.1	10	50	0	110	12.6	168	51.5	6.9	48	
Trichlorofluoromethane	66.7	5	50	0	133	58.6	163	70.6	5.8	33.3	
Acetone	922	50	1000	0	92.2	37.3	152	883	4.3	50	
1,1-Dichloroethene	59.4	5	50	0	119	69.8	158	60	0.9	21.7	
Tertiary Butyl Alcohol (TBA)	321	50	500	0	64.3	60.4	158	358	11	26.8	
Dichloromethane	61.6	10	50	0	123	71.7	132	58.1	5.8	20	
Freon-113	60.6	5	50	0	121	52.1	166	67.9	11	25.9	
trans-1,2-Dichloroethene	44.9	5	50	0	89.8	72	136	48.5	7.8	19.2	
Methyl tert-butyl ether (MTBE)	42.6	2.5	50	0	85.2	54.8	155	49.4	15	21.4	
1,1-Dichloroethane	36.8	5	50	0	73.6	76.9	140	45.5	21	18	RS
2-Butanone (MEK)	985	50	1000	0	98.5	73.7	142	978	0.8	20.9	
Di-isopropyl Ether (DIPE)	27.6	5	50	0	55.2	74.8	136	34.2	21	18.2	RS
cis-1,2-Dichloroethene	50.6	5	50	0	101	73.9	133	49.1	3	20.1	

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



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

QC SUMMARY REPORT

WO#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-24AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MSD	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523346	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	52.7	5	50	0	105	75.8	132	51.9	1.5	23.5	
Chloroform	52	5	50	0	104	74.3	130	53.1	2.1	18	
Ethyl Tertiary Butyl Ether (ETBE)	36.6	5	50	0	73.1	74.8	138	35.5	2.9	20.3	S
2,2-Dichloropropane	35.4	5	50	0	70.9	53.9	146	36.3	2.4	52.3	
1,2-Dichloroethane	50.1	5	50	0	100	72.6	144	50.2	0.32	17.1	
1,1,1-Trichloroethane	52.7	5	50	0	105	70.2	138	53.1	0.7	22.2	
1,1-Dichloropropene	49.8	5	50	0	99.5	69.7	146	50.7	2	29.6	
Carbon tetrachloride	56.2	5	50	0	112	58.2	141	57.3	1.9	31.9	
Benzene	52.7	2.5	50	0	105	67.8	140	52.9	0.28	18.1	
Tertiary Amyl Methyl Ether (TAME)	46.6	5	50	0	93.3	72.3	144	45.4	2.6	20.6	
Dibromomethane	49.5	5	50	0	99.0	75.2	144	49	0.99	19.5	
1,2-Dichloropropane	53.8	5	50	0	108	75.3	144	54.6	1.4	19.7	
Trichloroethene	52.4	5	50	0	105	65.7	131	51.8	1.1	25.3	
Bromodichloromethane	49.2	5	50	0	98.4	70.2	141	50	1.6	20.5	
4-Methyl-2-pentanone (MIBK)	70.4	12.5	125	0	56.3	57.9	143	69.7	1.1	21.3	S
cis-1,3-Dichloropropene	35.1	5	50	0	70.2	56.9	132	34.5	1.7	25.8	
trans-1,3-Dichloropropene	43.4	5	50	0	86.8	72	131	42.6	2	26.4	
1,1,2-Trichloroethane	46.4	5	50	0	92.7	74	130	45.7	1.4	21.9	
Toluene	54.4	2.5	50	0	109	67.2	131	55.1	1.3	18.3	
1,3-Dichloropropane	46.6	5	50	0	93.3	74.2	124	45.7	2.1	21.7	
2-Hexanone	323	25	500	0	64.6	66.7	135	313	3.1	20.9	S
Dibromochloromethane	49.8	5	50	0	99.6	71.5	134	48.8	2	24.1	
1,2-Dibromoethane (EDB)	97.4	10	100	0	97.4	74.7	129	94.2	3.4	23.1	
Tetrachloroethene	55.7	5	50	0	111	45.9	138	56.2	0.93	30.9	
1,1,1,2-Tetrachloroethane	53.5	5	50	0	107	75.7	125	54	1	22.6	
Chlorobenzene	54.9	5	50	0	110	73.7	120	54.5	0.77	23.1	
Ethylbenzene	51	2.5	50	0	102	70.3	122	51	0	25.3	
m,p-Xylene	49.8	2.5	50	0	99.6	52.9	136	49.4	0.77	26.6	
Bromoform	52.4	5	50	0	105	61.5	141	51.1	2.5	25	
Xylenes, Total	103	2.5	100	0	103	61	131	101	2	25.6	
Styrene	47.5	5	50	0	95.0	74	130	46.3	2.5	26	
o-Xylene	53.1	2.5	50	0	106	67.3	129	51.4	3.1	25	
1,1,2,2-Tetrachloroethane	46.2	5	50	0	92.4	62.4	153	44.2	4.5	24.6	
1,2,3-Trichloropropane	96.9	10	100	0	96.9	37.4	171	96.2	0.69	50	
Isopropylbenzene	50.6	5	50	0	101	63	132	50.3	0.5	33.1	
Bromobenzene	50.4	5	50	0	101	65.1	120	49.2	2.3	23.6	
n-Propylbenzene	50.2	5	50	0	100	58.2	128	48.8	2.8	32.4	
4-Chlorotoluene	54.7	5	50	0	109	63.9	127	53.5	2.3	29.1	
2-Chlorotoluene	54.4	5	50	0	109	63.2	126	52.4	3.7	28.9	
1,3,5-Trimethylbenzene	49.5	5	50	0	98.9	63.8	138	48.5	2	31.9	
tert-Butylbenzene	50.6	5	50	0	101	59.7	128	49.2	2.8	36.2	
1,2,4-Trimethylbenzene	48.4	5	50	0	96.9	65.1	135	47.5	1.9	28.8	

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

QC SUMMARY REPORT

WO#: 2311103

20-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311103-24AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-6MSD	Batch ID: A19747	TestNo: SW8260C	
Prep Date: 11/17/2023	RunNo: 18144	SeqNo: 523346	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	50.8	5	50	0	102	55.5	128	49.1	3.5	40.9	
1,3-Dichlorobenzene	54.2	5	50	0	108	64.5	122	52.9	2.4	28.6	
1,4-Dichlorobenzene	54.2	5	50	0	108	63.7	121	52.4	3.4	27.7	
4-Isopropyltoluene	48.6	5	50	0	97.1	58	135	47.2	2.9	40.4	
1,2-Dichlorobenzene	51.6	5	50	0	103	66.7	122	50.8	1.4	24.5	
n-Butylbenzene	45.9	5	50	0	91.9	52.7	139	45.5	1.1	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	228	15	250	0	91.3	59.1	143	226	1.2	24.9	
1,2,4-Trichlorobenzene	47.9	10	50	0	95.8	47.1	139	48.1	0.46	35	
Naphthalene	34.6	10	50	0	69.1	31.6	164	34.3	0.93	50	
1,2,3-Trichlorobenzene	46	10	50	0	92.1	17.7	171	46.8	1.6	57	
Surr: 1,2-Dichloroethane-d4	52.8		50		106	69.51	130.49	54.2	0	0	
Surr: Toluene-d8	49.6		50		99.1	69.51	130.49	48.4	0	0	
Surr: 4-Bromofluorobenzene	44.7		50		89.4	69.51	130.49	43.6	0	0	

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

Definition Only

WO#: 2311103
Date: 11/20/2023

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
 Court Reece
 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

Report Attention: Eric Davis

CA

WorkOrder: CHH2311103
 Report Due By: 21-Nov-23
 EDD Required: YES

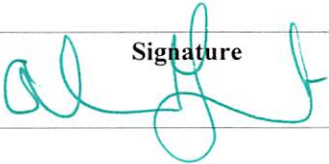
Client:
 CH2M Hill
 2600 Michelson Dr., Suite 500
 Irvine, CA 92612

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

Date Received: 10-Nov-23

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						
CHH2311103-01	TB-3	AQ	11/9/2023 7:00:00 AM	1	0	7			A - Partial						Client provided TB
CHH2311103-02	GMW-10	AQ	11/9/2023 7:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-03	MW-12	AQ	11/9/2023 8:37:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-04	PW-3	AQ	11/9/2023 9:19:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-05	GMW-26	AQ	11/9/2023 10:39:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-06	GMW-28	AQ	11/9/2023 11:18:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-07	GMW-1R	AQ	11/9/2023 1:07:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-08	DUP-5	AQ	11/9/2023	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-09	HL-3	AQ	11/9/2023 1:39:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						
CHH2311103-10	MW-21(MID)	AQ	11/9/2023 2:06:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate						

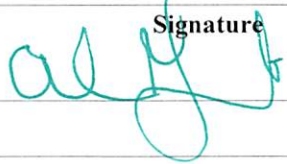

Comments: Run two analyses in order to achieve lower reporting limits for all other analytes due to high TBA values.

Logged in by:	Signature	Print Name	Company	Date/Time
		Alicia Gilbert	Alpha Analytical, Inc.	11/10/23 1345

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	TPH/E_W	TPH/P_W	VOC_W					
CHH2311103-11	DUP-6	AQ	11/9/2023	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-12	EB-5	AQ	11/9/2023 2:15:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-13	EXP-1	AQ	11/9/2023 1:30:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-14	DUP-3	AQ	11/9/2023	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-15	GMW-O-21	AQ	11/9/2023 1:05:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-16	MW-O-2	AQ	11/9/2023 2:10:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-17	GMW-O-14	AQ	11/9/2023 11:55:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-18	EXP-5	AQ	11/9/2023 11:00:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-19	GMW-O-17	AQ	11/9/2023 10:05:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-20	GMW-O-5	AQ	11/9/2023 9:15:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-21	DUP-4	AQ	11/9/2023	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-22	MW-20(MID)	AQ	11/9/2023 7:50:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-23	MW-6	AQ	11/9/2023 8:25:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311103-24	EB-6	AQ	11/9/2023 2:30:00 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	Alpha Analytical, Inc.	Company	11/10/23 1345	Date/Time
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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.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other

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 1 of 3

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

TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)																			
------------------------	--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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																		
TB-3	11-9-23	0700	AQ	1	HCL	Von	X	X																
GMW-10		0752		6																				02
MW-12		0837																						03
PW-3		0919																						04
GMW-26		1039																						05
GMW-28		1118																						06
GMW-12		1307																						07
DUP-5		-																						08
HZ-3		1339																						09
MW-21 n/a		1406																						10

NO TPH-E FOR DI
 DUE TO SAMPLE VOLUME

CHH
 2311103-01

SAMPLING COMPLETED: 11-9-23 | TIME: 16:00 | PERFORMED BY: Chris Coriel

RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] | TIME: 11/9/23 | RECEIVED BY: [Signature] | DATE: 11/9/23 | TIME: 16:00

RELEASED BY: [Signature] | TIME: [] | RECEIVED BY: [Signature] | DATE: 11/10/23 | TIME: 12:45

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 3

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 #
			AG= Water	#	Preservation	Type												
DUP-6	11-9-23	-	AQ	6	1+CL	VOA	✓	✓										EMH2311103-11
GR-5	↓	1415	↓	↓	↓	↓	↓	↓										12
EXP-1	↓	1330	↓	↓	↓	↓	↓	↓										13
DUP-3	↓		↓	↓	↓	↓	↓	↓										14

SAMPLING COMPLETED | DATE 11-9-23 | TIME | SAMPLING PERFORMED BY Chris Curiel | RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] | TIME 1600 | RECEIVED BY FEDEX | DATE 11/9/23 | TIME 1600

RELEASED BY | TIME | RECEIVED BY [Signature] | DATE 11/9/23 | TIME 0245

RELEASED BY | TIME | RECEIVED BY | DATE | TIME

SHIPPED VIA | TIME SENT | COOLER # | Page 74 of 75

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 3 of 3

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

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

CHAIN OF CUSTODY

CLIENT **Kinder Morgan**

SITE **DFSP Norwalk**

15306 Norwalk Blvd, Norwalk

MATRIX CONTAINERS

SAMPLE I.D.	DATE	TIME	AQ= Water	#	Preservation	Type
-------------	------	------	-----------	---	--------------	------

TPHg, TPHd (EPA 8015M)

VOC's & Oxygenates (EPA 8260B)

ADD'L INFORMATION STATUS CONDITION LAB SAMPLE #

GMW-0-21	11/9/2023	1305	AQ	6	HCl	VOA	X	X					15
MW-0-2		1410		6			X	X					16
GMW-0-14		1155		6			X	X					17
EXP-5		1100		6			X	X					18
GMW-0-17		1005		6			X	X					19
GMW-0-5		0915		6			X	X					20
DUP-4		-		6			X	X					21
MW-20(mio)		0750		6			X	X					22
MW-6		0825		6			X	X					23
EB-6		1430		6			X	X					24

SAMPLING COMPLETED 11/9/2023 1515 SAMPLING PERFORMED BY **Jonathan Pigg (BTS)** RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY *Jonathan Pigg* TIME 1515 RECEIVED BY **FEDEX** DATE 11/9/23 TIME 1515

RELEASED BY *[Signature]* TIME [] RECEIVED BY *[Signature]* DATE 11/10/23 TIME 1245

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

SHIPPED VIA [] TIME SENT [] COOLER # [] Page 75 of 75



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

November 21, 2023

Eric Davis
CH2M Hill
2600 Michelson Dr., Suite 500
Irvine, CA 92612
TEL: (949) 547-8969
FAX

RE: DFSP Norwalk

Order No.: CHH2311104

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".

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



Alpha Analytical, Inc.
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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-01 **Matrix:** AQUEOUS
Client Sample ID: TB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-01 **Matrix:** AQUEOUS
Client Sample ID: TB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	95	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 7:54:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-SF-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	123	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 7:54:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-02 **Matrix:** AQUEOUS
Client Sample ID: GMW-SF-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	123	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 8:33:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-03 **Matrix:** AQUEOUS
Client Sample ID: GMW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	126	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 8:33:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-03 **Matrix:** AQUEOUS
Client Sample ID: GMW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	126	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/15/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 9:21:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-04 **Matrix:** AQUEOUS
Client Sample ID: GMW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	85	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	125	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	95	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	85	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill

Collection Date: 11/8/2023 9:21:00 AM

Project: DFSP Norwalk

Lab ID: 2311104-04

Matrix: AQUEOUS

Client Sample ID: GMW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	125	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	95	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	85	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 10:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-05 **Matrix:** AQUEOUS
Client Sample ID: MW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.052	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	79	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 10:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-05 **Matrix:** AQUEOUS
Client Sample ID: MW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	79	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023
Project: DFSP Norwalk
Lab ID: 2311104-06 **Matrix:** AQUEOUS
Client Sample ID: DUP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	79	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311104-06
Client Sample ID: DUP-2

Collection Date: 11/8/2023

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	122	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	79	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 11:52:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-14R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 11:52:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-14R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/15/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 12:43:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-08 **Matrix:** AQUEOUS
Client Sample ID: MW-15R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311104-08
Client Sample ID: MW-15R

Collection Date: 11/8/2023 12:43:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 1:30:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-4R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.088	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	94	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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

Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 1:30:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-09 **Matrix:** AQUEOUS
Client Sample ID: GMW-4R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	94	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 2:07:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-10 **Matrix:** AQUEOUS
Client Sample ID: GMW-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311104-10
Client Sample ID: GMW-1

Collection Date: 11/8/2023 2:07:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 2:20:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-11 **Matrix:** AQUEOUS
Client Sample ID: EB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	82	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill

Collection Date: 11/8/2023 2:20:00 PM

Project: DFSP Norwalk

Lab ID: 2311104-11

Matrix: AQUEOUS

Client Sample ID: EB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 12:50:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-12 **Matrix:** AQUEOUS
Client Sample ID: EXP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	82	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	2.0	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 12:50:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-12 **Matrix:** AQUEOUS
Client Sample ID: EXP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 11:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-13 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-11

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.56	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	82	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/15/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	40		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 11:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-13 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-11

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/15/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/15/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 10:10:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-14 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	81	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 10:10:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-14 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 9:35:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	90	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	95	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 9:35:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-15 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	121	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	95	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/15/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 9:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-16 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	88	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill

Collection Date: 11/8/2023 9:00:00 AM

Project: DFSP Norwalk

Lab ID: 2311104-16

Matrix: AQUEOUS

Client Sample ID: GMW-O-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 8:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-17 **Matrix:** AQUEOUS
Client Sample ID: WCW-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	88	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill

Collection Date: 11/8/2023 8:15:00 AM

Project: DFSP Norwalk

Lab ID: 2311104-17

Matrix: AQUEOUS

Client Sample ID: WCW-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/15/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 7:45:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-18 **Matrix:** AQUEOUS
Client Sample ID: WCW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	86	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	11/15/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	1.5	0.50		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/15/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 7:45:00 AM
Project: DFSP Norwalk
Lab ID: 2311104-18 **Matrix:** AQUEOUS
Client Sample ID: WCW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/15/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	87	70-130		%Rec	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 12:45:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-19 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	11	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	89	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	2.0		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/15/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	20		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	80		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	20		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	20		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	80		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	20		µg/L	11/15/2023	EPA 8260
Acetone	ND	400		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	20		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	200		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	80		µg/L	11/15/2023	EPA 8260
Freon-113	ND	20		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	100		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	20		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	20		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	2,000		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	400		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	20		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	20		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	20		µg/L	11/15/2023	EPA 8260
Chloroform	ND	20		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	20		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	20		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	20		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	20		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	20		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	20		µg/L	11/15/2023	EPA 8260
Benzene	ND	10		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	20		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	20		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	20		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	20		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	20		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	100		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	20		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	20		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	20		µg/L	11/15/2023	EPA 8260
Toluene	ND	10		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	20		µg/L	11/15/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311104-19
Client Sample ID: GMW-O-12

Collection Date: 11/8/2023 12:45:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	200		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	20		µg/L	11/15/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	80		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	20		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	20		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	20		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	10		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	10		µg/L	11/15/2023	EPA 8260
Bromoform	ND	20		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	10		µg/L	11/15/2023	EPA 8260
Styrene	ND	20		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	10		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	20		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	80		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	20		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	20		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	20		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	20		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	20		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	20		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	20		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	20		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	120		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	80		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	80		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	80		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/15/2023	EPA 8260

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

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 12:00:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-20 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-20

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.74	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	85	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.50		mg/L	11/15/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/15/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/15/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/15/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Chloromethane	ND	20		µg/L	11/15/2023	EPA 8260
Vinyl chloride	ND	5.0		µg/L	11/15/2023	EPA 8260
Chloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Bromomethane	ND	20		µg/L	11/15/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/15/2023	EPA 8260
Acetone	ND	100		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethene	ND	5.0		µg/L	11/15/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	50		µg/L	11/15/2023	EPA 8260
Dichloromethane	ND	20		µg/L	11/15/2023	EPA 8260
Freon-113	ND	10		µg/L	11/15/2023	EPA 8260
Carbon disulfide	ND	25		µg/L	11/15/2023	EPA 8260
trans-1,2-Dichloroethene	ND	5.0		µg/L	11/15/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	11/15/2023	EPA 8260
1,1-Dichloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Vinyl acetate	ND	500		µg/L	11/15/2023	EPA 8260
2-Butanone (MEK)	ND	100		µg/L	11/15/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	5.0		µg/L	11/15/2023	EPA 8260
cis-1,2-Dichloroethene	ND	5.0		µg/L	11/15/2023	EPA 8260
Bromochloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Chloroform	ND	5.0		µg/L	11/15/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	5.0		µg/L	11/15/2023	EPA 8260
2,2-Dichloropropane	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
1,1,1-Trichloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
1,1-Dichloropropene	ND	5.0		µg/L	11/15/2023	EPA 8260
Carbon tetrachloride	ND	5.0		µg/L	11/15/2023	EPA 8260
Benzene	ND	2.5		µg/L	11/15/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	5.0		µg/L	11/15/2023	EPA 8260
Dibromomethane	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2-Dichloropropane	ND	5.0		µg/L	11/15/2023	EPA 8260
Trichloroethene	ND	5.0		µg/L	11/15/2023	EPA 8260
Bromodichloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	25		µg/L	11/15/2023	EPA 8260
cis-1,3-Dichloropropene	ND	5.0		µg/L	11/15/2023	EPA 8260
trans-1,3-Dichloropropene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,1,2-Trichloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Toluene	ND	2.5		µg/L	11/15/2023	EPA 8260
1,3-Dichloropropane	ND	5.0		µg/L	11/15/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311104-20
Client Sample ID: GMW-O-20

Collection Date: 11/8/2023 12:00:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	50		µg/L	11/15/2023	EPA 8260
Dibromochloromethane	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	20		µg/L	11/15/2023	EPA 8260
Tetrachloroethene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
Chlorobenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
Ethylbenzene	ND	2.5		µg/L	11/15/2023	EPA 8260
m,p-Xylene	ND	2.5		µg/L	11/15/2023	EPA 8260
Bromoform	ND	5.0		µg/L	11/15/2023	EPA 8260
Xylenes, Total	ND	2.5		µg/L	11/15/2023	EPA 8260
Styrene	ND	5.0		µg/L	11/15/2023	EPA 8260
o-Xylene	ND	2.5		µg/L	11/15/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,3-Trichloropropane	ND	20		µg/L	11/15/2023	EPA 8260
Isopropylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
Bromobenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
n-Propylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
4-Chlorotoluene	ND	5.0		µg/L	11/15/2023	EPA 8260
2-Chlorotoluene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
tert-Butylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
sec-Butylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,3-Dichlorobenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,4-Dichlorobenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
4-Isopropyltoluene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2-Dichlorobenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
n-Butylbenzene	ND	5.0		µg/L	11/15/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	30		µg/L	11/15/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	20		µg/L	11/15/2023	EPA 8260
Naphthalene	ND	20		µg/L	11/15/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	20		µg/L	11/15/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/15/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/15/2023	EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/15/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 1:55:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-21 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/15/2023	EPA 8015C
Surr: Nonane	87	70-130		%Rec	11/15/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill

Collection Date: 11/8/2023 1:55:00 PM

Project: DFSP Norwalk

Lab ID: 2311104-21

Matrix: AQUEOUS

Client Sample ID: GMW-O-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill **Collection Date:** 11/8/2023 2:30:00 PM
Project: DFSP Norwalk
Lab ID: 2311104-22 **Matrix:** AQUEOUS
Client Sample ID: EB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/14/2023	EPA 8015C
Surr: Nonane	101	70-130		%Rec	11/14/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311104

Report Date: 11/21/2023

CLIENT: CH2M Hill

Collection Date: 11/8/2023 2:30:00 PM

Project: DFSP Norwalk

Lab ID: 2311104-22

Matrix: AQUEOUS

Client Sample ID: EB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8260



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QC SUMMARY REPORT

WO#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-19714	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522449	
Analysis Date: 11/14/2023			

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	0.16		0.15		107	70	130				

Sample ID: LCS-19714	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522450	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.37	0.05	2.5	0	94.8	80	120				
Surr: Nonane	0.162		0.15		108	70	130				

Sample ID: 2311102-01AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522452	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.44	0.1	2.5	0	97.6	80	120				
Surr: Nonane	0.307		0.3		102	70	130				

Sample ID: 2311102-01AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 19714	TestNo: SW8015	SW8015
Prep Date: 11/13/2023	RunNo: 18113	SeqNo: 522453	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.53	0.1	2.5	0	101	80	120	2.44	3.7	7	
Surr: Nonane	0.291		0.3		97.0	70	130	0.307	0	0	

Sample ID: MB-19722	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19722	TestNo: SW8015	SW8015
Prep Date: 11/14/2023	RunNo: 18147	SeqNo: 523481	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-19722	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19722	TestNo: SW8015	SW8015
Prep Date: 11/14/2023	RunNo: 18147	SeqNo: 523481	
Analysis Date: 11/14/2023			

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	0.13		0.15		88.7	70	130				

Sample ID: LCS-19722	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 19722	TestNo: SW8015	SW8015
Prep Date: 11/14/2023	RunNo: 18147	SeqNo: 523482	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.37	0.05	2.5	0	94.7	80	120				
Surr: Nonane	0.136		0.15		90.7	70	130				

Sample ID: 2311104-11AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-3MS	Batch ID: 19722	TestNo: SW8015	SW8015
Prep Date: 11/14/2023	RunNo: 18147	SeqNo: 523493	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.23	0.1	2.5	0	89.1	80	120				
Surr: Nonane	0.255		0.3		85.0	70	130				

Sample ID: 2311104-11AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-3MSD	Batch ID: 19722	TestNo: SW8015	SW8015
Prep Date: 11/14/2023	RunNo: 18147	SeqNo: 523494	
Analysis Date: 11/14/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.1	0.1	2.5	0	84.0	80	120	2.23	5.8	7	
Surr: Nonane	0.262		0.3		87.3	70	130	0.255	0	0	

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19735	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19735B	TestNo: SW8015									
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523135									
Analysis Date: 11/15/2023											
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	0.012		0.01		119	70	130				
Surr: Toluene-d8	0.0094		0.01		94.3	70	130				
Surr: 4-Bromofluorobenzene	0.01		0.01		100	70	130				

Sample ID: GLCS-19735	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19735B	TestNo: SW8015									
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523134									
Analysis Date: 11/15/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.414	0.05	0.4	0	104	80	120				
Surr: 1,2-Dichloroethane-d4	0.0107		0.01		107	70	130				
Surr: Toluene-d8	0.00914		0.01		91.4	70	130				
Surr: 4-Bromofluorobenzene	0.011		0.01		110	70	130				

Sample ID: 2311104-11AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-3	Batch ID: A19735B	TestNo: SW8015									
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523132									
Analysis Date: 11/15/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.88	0.25	2	0	94.2	60	125				
Surr: 1,2-Dichloroethane-d4	0.0535		0.05		107	69.51	130.49				
Surr: Toluene-d8	0.0453		0.05		90.6	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.055		0.05		110	69.51	130.49				

Sample ID: 2311104-11AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-3	Batch ID: A19735B	TestNo: SW8015									
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523133									
Analysis Date: 11/15/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.13	0.25	2	0	107	60	125	1.88	12	28	
Surr: 1,2-Dichloroethane-d4	0.0532		0.05		106	69.51	130.49	0.0535	0	0	
Surr: Toluene-d8	0.0458		0.05		91.6	69.51	130.49	0.0453	0	0	
Surr: 4-Bromofluorobenzene	0.0564		0.05		113	69.51	130.49	0.055	0	0	

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19743	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523142									
Analysis Date: 11/16/2023											
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	0.012		0.01		120	70	130				
Surr: Toluene-d8	0.0095		0.01		95.0	70	130				
Surr: 4-Bromofluorobenzene	0.0096		0.01		95.8	70	130				

Sample ID: GLCS-19743	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523137									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.433	0.05	0.4	0	108	80	120				
Surr: 1,2-Dichloroethane-d4	0.0114		0.01		114	70	130				
Surr: Toluene-d8	0.00881		0.01		88.1	70	130				
Surr: 4-Bromofluorobenzene	0.0102		0.01		102	70	130				

Sample ID: 2311104-22AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-4	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523414									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.94	0.25	2	0	97.2	60	125				
Surr: 1,2-Dichloroethane-d4	0.0541		0.05		108	69.51	130.49				
Surr: Toluene-d8	0.0452		0.05		90.3	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0534		0.05		107	69.51	130.49				

Sample ID: 2311104-22AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-4	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523415									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.94	0.25	2	0	96.8	60	125	1.94	0.37	28	
Surr: 1,2-Dichloroethane-d4	0.0532		0.05		106	69.51	130.49	0.0541	0	0	
Surr: Toluene-d8	0.0457		0.05		91.4	69.51	130.49	0.0452	0	0	
Surr: 4-Bromofluorobenzene	0.0556		0.05		111	69.51	130.49	0.0534	0	0	

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19735	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523091	
Analysis Date: 11/15/2023			

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									
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19735	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523091	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	12		10		119	69.51	130.49				
Surr: Toluene-d8	9.4		10		94.3	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		100	69.51	130.49				

Sample ID: LCS-19735	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523090	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	6.56	1	10	0	65.6	16.9	124				

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19735	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523090	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	8.16	2	10	0	81.6	25.9	136				
Vinyl chloride	9.18	1	10	0	91.8	47.8	132				
Chloroethane	9.95	1	10	0	99.5	62.3	169				
Bromomethane	7.75	2	10	0	77.5	33.8	135				
Trichlorofluoromethane	8.7	1	10	0	87.0	16.8	155				
Acetone	204	10	200	0	102	72	124				
1,1-Dichloroethene	9.18	1	10	0	91.8	65.2	129				
Tertiary Butyl Alcohol (TBA)	111	10	100	0	111	52.9	128.4				
Dichloromethane	9.08	2	10	0	90.8	65.2	129				
Freon-113	9.67	1	10	0	96.7	52.4	143				
trans-1,2-Dichloroethene	10.1	1	10	0	101	66.7	132				
Methyl tert-butyl ether (MTBE)	8.95	0.5	10	0	89.5	52.9	125				
1,1-Dichloroethane	10.3	1	10	0	103	66.6	129				
2-Butanone (MEK)	197	10	200	0	98.3	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.9	1	10	0	99.0	63.6	131				
cis-1,2-Dichloroethene	10.2	1	10	0	102	59.2	131				
Bromochloromethane	10.3	1	10	0	103	65.9	121				
Chloroform	9.9	1	10	0	99.0	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.66	1	10	0	96.6	44.6	136				
2,2-Dichloropropane	11.8	1	10	0	118	58.2	146				
1,2-Dichloroethane	9.83	1	10	0	98.3	73.4	120.4				
1,1,1-Trichloroethane	9.8	1	10	0	98.0	52.7	144				
1,1-Dichloropropene	10	1	10	0	100	85.6	131				
Carbon tetrachloride	9.96	1	10	0	99.6	30.9	175				
Benzene	10.1	0.5	10	0	101	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	10.3	1	10	0	103	52.4	141				
Dibromomethane	10.2	1	10	0	102	78.5	120.4				
1,2-Dichloropropane	11.1	1	10	0	111	79.5	126				
Trichloroethene	9.84	1	10	0	98.4	69	120.4				
Bromodichloromethane	10.2	1	10	0	102	73.9	122				
4-Methyl-2-pentanone (MIBK)	22.7	2.5	25	0	90.7	66.4	122				
cis-1,3-Dichloropropene	10.2	1	10	0	102	78.7	120.4				
trans-1,3-Dichloropropene	9.67	1	10	0	96.7	70.2	120.4				
1,1,2-Trichloroethane	10.7	1	10	0	107	76.2	120.4				
Toluene	10.4	0.5	10	0	104	79.7	126				
1,3-Dichloropropane	10.6	1	10	0	106	71.7	131				
2-Hexanone	102	5	100	0	102	52.9	152				
Dibromochloromethane	10	1	10	0	100	79.5	120.4				
1,2-Dibromoethane (EDB)	20.7	2	20	0	104	76.4	120.4				
Tetrachloroethene	8.15	1	10	0	81.5	64	123				
1,1,1,2-Tetrachloroethane	9.39	1	10	0	93.9	77.9	120.4				
Chlorobenzene	10.2	1	10	0	102	70.9	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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19735	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523090	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	9.77	0.5	10	0	97.7	77.5	120.4				
m,p-Xylene	10.4	0.5	10	0	104	74.8	120.4				
Bromoform	9.04	1	10	0	90.4	51.3	120.4				
Xylenes, Total	20.6	0.5	20	0	103	77.6	120.4				
Styrene	10.3	1	10	0	103	71.9	120.4				
o-Xylene	10.2	0.5	10	0	102	79.1	120.4				
1,1,2,2-Tetrachloroethane	10.3	1	10	0	103	55.6	138				
1,2,3-Trichloropropane	19.8	2	20	0	99.1	73.4	120.4				
Isopropylbenzene	9.78	1	10	0	97.8	78.7	148				
Bromobenzene	10.1	1	10	0	101	79.5	121				
n-Propylbenzene	11.2	1	10	0	112	82.5	134				
4-Chlorotoluene	9.99	1	10	0	99.9	79.5	135				
2-Chlorotoluene	11	1	10	0	110	79.5	131				
1,3,5-Trimethylbenzene	9.68	1	10	0	96.8	79.5	135				
tert-Butylbenzene	10.5	1	10	0	105	79.5	139				
1,2,4-Trimethylbenzene	10	1	10	0	100	79.5	138				
sec-Butylbenzene	9.74	1	10	0	97.4	79.5	132				
1,3-Dichlorobenzene	9.91	1	10	0	99.1	79.5	125				
1,4-Dichlorobenzene	10.6	1	10	0	106	79.5	123				
4-Isopropyltoluene	9.72	1	10	0	97.2	79.5	130				
1,2-Dichlorobenzene	9.84	1	10	0	98.4	79.5	121				
n-Butylbenzene	9.93	1	10	0	99.3	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	49	3	50	0	98.0	72.1	136				
1,2,4-Trichlorobenzene	9.74	2	10	0	97.4	73.3	126				
Naphthalene	8.92	2	10	0	89.2	47.2	142				
1,2,3-Trichlorobenzene	9.61	2	10	0	96.1	67.4	130				
Surr: 1,2-Dichloroethane-d4	12.5		10		125	69.51	130.5				
Surr: Toluene-d8	8.45		10		84.5	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.2		10		102	69.51	130.5				

Sample ID: 2311104-11AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MS	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523112	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	31.7	5	50	0	63.4	5.1	155				
Chloromethane	37.5	10	50	0	75.0	37.7	121				
Vinyl chloride	40.8	5	50	0	81.6	60.4	140				
Chloroethane	52.6	5	50	0	105	43.1	206				

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-11AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MS	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523112	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	36.7	10	50	0	73.4	12.6	168				
Trichlorofluoromethane	44.6	5	50	0	89.3	58.6	163				
Acetone	738	50	1000	8.9	72.9	37.3	152				
1,1-Dichloroethene	43.3	5	50	0	86.7	69.8	158				
Tertiary Butyl Alcohol (TBA)	333	50	500	0	66.7	60.4	158				
Dichloromethane	41.8	10	50	0	83.5	71.7	132				
Freon-113	47.6	5	50	0	95.2	52.1	166				
trans-1,2-Dichloroethene	46.4	5	50	0	92.8	72	136				
Methyl tert-butyl ether (MTBE)	31.3	2.5	50	0	62.7	54.8	155				
1,1-Dichloroethane	47.5	5	50	0	95.0	76.9	140				
2-Butanone (MEK)	712	50	1000	0	71.2	73.7	142				S
Di-isopropyl Ether (DIPE)	36.6	5	50	0	73.3	74.8	136				S
cis-1,2-Dichloroethene	44.3	5	50	0	88.7	73.9	133				
Bromochloromethane	46.8	5	50	0	93.7	75.8	132				
Chloroform	47.6	5	50	0	95.3	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	34.5	5	50	0	69.1	74.8	138				S
2,2-Dichloropropane	48.1	5	50	0	96.3	53.9	146				
1,2-Dichloroethane	44.5	5	50	0	88.9	72.6	144				
1,1,1-Trichloroethane	49.3	5	50	0	98.6	70.2	138				
1,1-Dichloropropene	47	5	50	0	93.9	69.7	146				
Carbon tetrachloride	51	5	50	0	102	58.2	141				
Benzene	48.2	2.5	50	0	96.3	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	43.4	5	50	0	86.9	72.3	144				
Dibromomethane	48.1	5	50	0	96.3	75.2	144				
1,2-Dichloropropane	48.4	5	50	0	96.9	75.3	144				
Trichloroethene	47.5	5	50	0	95.1	65.7	131				
Bromodichloromethane	48.3	5	50	0	96.6	70.2	141				
4-Methyl-2-pentanone (MIBK)	76.6	12.5	125	0	61.2	57.9	143				
cis-1,3-Dichloropropene	30.1	5	50	0	60.2	56.9	132				
trans-1,3-Dichloropropene	38.2	5	50	0	76.4	72	131				
1,1,2-Trichloroethane	46.7	5	50	0	93.4	74	130				
Toluene	49.5	2.5	50	0	99.1	67.2	131				
1,3-Dichloropropane	44.2	5	50	0	88.3	74.2	124				
2-Hexanone	365	25	500	0	72.9	66.7	135				
Dibromochloromethane	43.8	5	50	0	87.7	71.5	134				
1,2-Dibromoethane (EDB)	85	10	100	0	85.0	74.7	129				
Tetrachloroethene	39.7	5	50	0	79.5	45.9	138				
1,1,1,2-Tetrachloroethane	45	5	50	0	90.0	75.7	125				
Chlorobenzene	49.2	5	50	0	98.3	73.7	120				
Ethylbenzene	48.7	2.5	50	0	97.4	70.3	122				
m,p-Xylene	49.9	2.5	50	0	99.8	52.9	136				
Bromoform	39.8	5	50	0	79.5	61.5	141				

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-11AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MS	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523112	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	99	2.5	100	0	99.0	61	131				
Styrene	47.9	5	50	0	95.9	74	130				
o-Xylene	49.1	2.5	50	0	98.2	67.3	129				
1,1,2,2-Tetrachloroethane	44	5	50	0	88.0	62.4	153				
1,2,3-Trichloropropane	85.8	10	100	0	85.8	37.4	171				
Isopropylbenzene	49.9	5	50	0	99.7	63	132				
Bromobenzene	49.9	5	50	0	99.8	65.1	120				
n-Propylbenzene	56.4	5	50	0	113	58.2	128				
4-Chlorotoluene	49.3	5	50	0	98.5	63.9	127				
2-Chlorotoluene	56.2	5	50	0	112	63.2	126				
1,3,5-Trimethylbenzene	49.4	5	50	0	98.8	63.8	138				
tert-Butylbenzene	54.8	5	50	0	110	59.7	128				
1,2,4-Trimethylbenzene	48.9	5	50	0	97.8	65.1	135				
sec-Butylbenzene	49	5	50	0	98.0	55.5	128				
1,3-Dichlorobenzene	47.1	5	50	0	94.3	64.5	122				
1,4-Dichlorobenzene	50.6	5	50	0	101	63.7	121				
4-Isopropyltoluene	48.2	5	50	0	96.5	58	135				
1,2-Dichlorobenzene	46.1	5	50	0	92.2	66.7	122				
n-Butylbenzene	47.2	5	50	0	94.4	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	197	15	250	0	79.0	59.1	143				
1,2,4-Trichlorobenzene	39	10	50	0	77.9	47.1	139				
Naphthalene	29.2	10	50	0	58.5	31.6	164				
1,2,3-Trichlorobenzene	36.2	10	50	0	72.3	17.7	171				
Surr: 1,2-Dichloroethane-d4	60.7		50		121	69.51	130.49				
Surr: Toluene-d8	41.8		50		83.7	69.51	130.49				
Surr: 4-Bromofluorobenzene	50		50		100	69.51	130.49				

Sample ID: 2311104-11AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MSD	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523113	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	33.7	5	50	0	67.3	5.1	155	31.7	6	38	
Chloromethane	42.3	10	50	0	84.5	37.7	121	37.5	12	22.5	
Vinyl chloride	48.2	5	50	0	96.3	60.4	140	40.8	17	23.9	
Chloroethane	60.6	5	50	0	121	43.1	206	52.6	14	22.9	
Bromomethane	43.7	10	50	0	87.3	12.6	168	36.7	17	48	
Trichlorofluoromethane	47.3	5	50	0	94.7	58.6	163	44.6	5.9	33.3	
Acetone	848	50	1000	8.9	83.9	37.3	152	738	14	50	

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-11AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MSD	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523113	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	48.2	5	50	0	96.3	69.8	158	43.3	11	21.7	
Tertiary Butyl Alcohol (TBA)	415	50	500	0	82.9	60.4	158	333	22	26.8	
Dichloromethane	46	10	50	0	92.1	71.7	132	41.8	9.7	20	
Freon-113	50.8	5	50	0	102	52.1	166	47.6	6.6	25.9	
trans-1,2-Dichloroethene	50.6	5	50	0	101	72	136	46.4	8.5	19.2	
Methyl tert-butyl ether (MTBE)	37.2	2.5	50	0	74.3	54.8	155	31.3	17	21.4	
1,1-Dichloroethane	52.3	5	50	0	105	76.9	140	47.5	9.7	18	
2-Butanone (MEK)	819	50	1000	0	81.9	73.7	142	712	14	20.9	
Di-isopropyl Ether (DIPE)	43.8	5	50	0	87.6	74.8	136	36.6	18	18.2	
cis-1,2-Dichloroethene	49.3	5	50	0	98.6	73.9	133	44.3	11	20.1	
Bromochloromethane	50.1	5	50	0	100	75.8	132	46.8	6.8	23.5	
Chloroform	50.5	5	50	0	101	74.3	130	47.6	5.9	18	
Ethyl Tertiary Butyl Ether (ETBE)	41	5	50	0	82.1	74.8	138	34.5	17	20.3	
2,2-Dichloropropane	50.4	5	50	0	101	53.9	146	48.1	4.6	52.3	
1,2-Dichloroethane	47.8	5	50	0	95.5	72.6	144	44.5	7.2	17.1	
1,1,1-Trichloroethane	52	5	50	0	104	70.2	138	49.3	5.3	22.2	
1,1-Dichloropropene	50.9	5	50	0	102	69.7	146	47	8	29.6	
Carbon tetrachloride	52.9	5	50	0	106	58.2	141	51	3.7	31.9	
Benzene	51.6	2.5	50	0	103	67.8	140	48.2	7	18.1	
Tertiary Amyl Methyl Ether (TAME)	47.2	5	50	0	94.5	72.3	144	43.4	8.4	20.6	
Dibromomethane	47.5	5	50	0	95.0	75.2	144	48.1	1.3	19.5	
1,2-Dichloropropane	53	5	50	0	106	75.3	144	48.4	8.9	19.7	
Trichloroethene	50.7	5	50	0	101	65.7	131	47.5	6.5	25.3	
Bromodichloromethane	51.2	5	50	0	102	70.2	141	48.3	5.9	20.5	
4-Methyl-2-pentanone (MIBK)	89.1	12.5	125	0	71.2	57.9	143	76.6	15	21.3	
cis-1,3-Dichloropropene	35.1	5	50	0	70.2	56.9	132	30.1	15	25.8	
trans-1,3-Dichloropropene	41.9	5	50	0	83.8	72	131	38.2	9.2	26.4	
1,1,2-Trichloroethane	49.9	5	50	0	99.7	74	130	46.7	6.6	21.9	
Toluene	52	2.5	50	0	104	67.2	131	49.5	4.8	18.3	
1,3-Dichloropropane	47.5	5	50	0	95.1	74.2	124	44.2	7.4	21.7	
2-Hexanone	417	25	500	0	83.4	66.7	135	365	13	20.9	
Dibromochloromethane	46.2	5	50	0	92.4	71.5	134	43.8	5.2	24.1	
1,2-Dibromoethane (EDB)	92.8	10	100	0	92.8	74.7	129	85	8.8	23.1	
Tetrachloroethene	41.7	5	50	0	83.4	45.9	138	39.7	4.8	30.9	
1,1,1,2-Tetrachloroethane	46.7	5	50	0	93.4	75.7	125	45	3.8	22.6	
Chlorobenzene	51	5	50	0	102	73.7	120	49.2	3.7	23.1	
Ethylbenzene	50.5	2.5	50	0	101	70.3	122	48.7	3.6	25.3	
m,p-Xylene	52.2	2.5	50	0	104	52.9	136	49.9	4.5	26.6	
Bromoform	42.2	5	50	0	84.4	61.5	141	39.8	6	25	
Xylenes, Total	103	2.5	100	0	103	61	131	99	4.3	25.6	
Styrene	50.4	5	50	0	101	74	130	47.9	5	26	
o-Xylene	51.2	2.5	50	0	102	67.3	129	49.1	4.1	25	

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-11AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-3MSD	Batch ID: A19735	TestNo: SW8260C	
Prep Date: 11/15/2023	RunNo: 18132	SeqNo: 523113	
Analysis Date: 11/15/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	47	5	50	0	94.1	62.4	153	44	6.6	24.6	
1,2,3-Trichloropropane	90.1	10	100	0	90.1	37.4	171	85.8	4.9	50	
Isopropylbenzene	54.7	5	50	0	109	63	132	49.9	9.2	33.1	
Bromobenzene	54.5	5	50	0	109	65.1	120	49.9	8.9	23.6	
n-Propylbenzene	62	5	50	0	124	58.2	128	56.4	9.4	32.4	
4-Chlorotoluene	54.7	5	50	0	109	63.9	127	49.3	10	29.1	
2-Chlorotoluene	61.6	5	50	0	123	63.2	126	56.2	9.3	28.9	
1,3,5-Trimethylbenzene	54.2	5	50	0	108	63.8	138	49.4	9.2	31.9	
tert-Butylbenzene	59.8	5	50	0	120	59.7	128	54.8	8.8	36.2	
1,2,4-Trimethylbenzene	54.3	5	50	0	109	65.1	135	48.9	11	28.8	
sec-Butylbenzene	54.8	5	50	0	110	55.5	128	49	11	40.9	
1,3-Dichlorobenzene	52.4	5	50	0	105	64.5	122	47.1	11	28.6	
1,4-Dichlorobenzene	56.1	5	50	0	112	63.7	121	50.6	10	27.7	
4-Isopropyltoluene	54.3	5	50	0	109	58	135	48.2	12	40.4	
1,2-Dichlorobenzene	51.4	5	50	0	103	66.7	122	46.1	11	24.5	
n-Butylbenzene	53.2	5	50	0	106	52.7	139	47.2	12	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	237	15	250	0	94.7	59.1	143	197	18	24.9	
1,2,4-Trichlorobenzene	48.1	10	50	0	96.1	47.1	139	39	21	35	
Naphthalene	40.4	10	50	0	80.8	31.6	164	29.2	32	50	
1,2,3-Trichlorobenzene	46.2	10	50	0	92.3	17.7	171	36.2	24	57	
Surr: 1,2-Dichloroethane-d4	60.5		50		121	69.51	130.49	60.7	0	0	
Surr: Toluene-d8	40.9		50		81.8	69.51	130.49	41.8	0	0	
Surr: 4-Bromofluorobenzene	52.6		50		105	69.51	130.49	50	0	0	

Sample ID: MB-19743	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523139	
Analysis Date: 11/16/2023			

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									

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19743	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523139	
Analysis Date: 11/16/2023			

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

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19743	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523139	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	12		10		120	69.51	130.49				
Surr: Toluene-d8	9.5		10		95.0	69.51	130.49				
Surr: 4-Bromofluorobenzene	9.6		10		95.8	69.51	130.49				

Sample ID: LCS-19743	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523138	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.4	1	10	0	104	16.9	124				
Chloromethane	11	2	10	0	110	25.9	136				
Vinyl chloride	11.5	1	10	0	115	47.8	132				
Chloroethane	12	1	10	0	120	62.3	169				
Bromomethane	9.31	2	10	0	93.1	33.8	135				
Trichlorofluoromethane	9.9	1	10	0	99.0	16.8	155				
Acetone	218	10	200	0	109	72	124				
1,1-Dichloroethene	10.2	1	10	0	102	65.2	129				
Tertiary Butyl Alcohol (TBA)	114	10	100	0	114	52.9	128.4				
Dichloromethane	9.9	2	10	0	99.0	65.2	129				
Freon-113	10.7	1	10	0	107	52.4	143				

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19743	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523138	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,2-Dichloroethene	11	1	10	0	110	66.7	132				
Methyl tert-butyl ether (MTBE)	9.61	0.5	10	0	96.1	52.9	125				
1,1-Dichloroethane	11.1	1	10	0	111	66.6	129				
2-Butanone (MEK)	216	10	200	0	108	63.7	120.4				
Di-isopropyl Ether (DIPE)	10.4	1	10	0	104	63.6	131				
cis-1,2-Dichloroethene	10.9	1	10	0	109	59.2	131				
Bromochloromethane	11.4	1	10	0	114	65.9	121				
Chloroform	10.6	1	10	0	106	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	10.3	1	10	0	103	44.6	136				
2,2-Dichloropropane	12.7	1	10	0	127	58.2	146				
1,2-Dichloroethane	10.6	1	10	0	106	73.4	120.4				
1,1,1-Trichloroethane	10.6	1	10	0	106	52.7	144				
1,1-Dichloropropene	10.7	1	10	0	107	85.6	131				
Carbon tetrachloride	10.8	1	10	0	108	30.9	175				
Benzene	10.9	0.5	10	0	109	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	11.2	1	10	0	112	52.4	141				
Dibromomethane	11.1	1	10	0	111	78.5	120.4				
1,2-Dichloropropane	11.9	1	10	0	119	79.5	126				
Trichloroethene	10.6	1	10	0	106	69	120.4				
Bromodichloromethane	11.3	1	10	0	113	73.9	122				
4-Methyl-2-pentanone (MIBK)	25.2	2.5	25	0	101	66.4	122				
cis-1,3-Dichloropropene	10.9	1	10	0	109	78.7	120.4				
trans-1,3-Dichloropropene	10.5	1	10	0	105	70.2	120.4				
1,1,2-Trichloroethane	11.5	1	10	0	115	76.2	120.4				
Toluene	11.1	0.5	10	0	111	79.7	126				
1,3-Dichloropropane	11.3	1	10	0	114	71.7	131				
2-Hexanone	113	5	100	0	113	52.9	152				
Dibromochloromethane	10.7	1	10	0	107	79.5	120.4				
1,2-Dibromoethane (EDB)	22.3	2	20	0	111	76.4	120.4				
Tetrachloroethene	8.73	1	10	0	87.3	64	123				
1,1,1,2-Tetrachloroethane	10.1	1	10	0	101	77.9	120.4				
Chlorobenzene	10.9	1	10	0	109	70.9	120.4				
Ethylbenzene	10.5	0.5	10	0	105	77.5	120.4				
m,p-Xylene	11.1	0.5	10	0	111	74.8	120.4				
Bromoform	9.56	1	10	0	95.6	51.3	120.4				
Xylenes, Total	21.9	0.5	20	0	109	77.6	120.4				
Styrene	11	1	10	0	110	71.9	120.4				
o-Xylene	10.8	0.5	10	0	108	79.1	120.4				
1,1,2,2-Tetrachloroethane	11.1	1	10	0	111	55.6	138				
1,2,3-Trichloropropane	21.1	2	20	0	106	73.4	120.4				
Isopropylbenzene	10.7	1	10	0	107	78.7	148				
Bromobenzene	11.2	1	10	0	112	79.5	121				

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19743	SampType: LCS		TestCode: VOC_W	Units: µg/L							
Client ID: LCSW	Batch ID: A19743		TestNo: SW8260C								
Prep Date: 11/16/2023	RunNo: 18133		SeqNo: 523138								
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
n-Propylbenzene	12.1	1	10	0	121	82.5	134				
4-Chlorotoluene	10.9	1	10	0	109	79.5	135				
2-Chlorotoluene	12.1	1	10	0	121	79.5	131				
1,3,5-Trimethylbenzene	10.6	1	10	0	106	79.5	135				
tert-Butylbenzene	11.5	1	10	0	115	79.5	139				
1,2,4-Trimethylbenzene	10.9	1	10	0	109	79.5	138				
sec-Butylbenzene	10.6	1	10	0	106	79.5	132				
1,3-Dichlorobenzene	10.6	1	10	0	106	79.5	125				
1,4-Dichlorobenzene	11.5	1	10	0	115	79.5	123				
4-Isopropyltoluene	10.5	1	10	0	105	79.5	130				
1,2-Dichlorobenzene	10.6	1	10	0	106	79.5	121				
n-Butylbenzene	10.7	1	10	0	106	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	51.2	3	50	0	102	72.1	136				
1,2,4-Trichlorobenzene	10.1	2	10	0	101	73.3	126				
Naphthalene	9.05	2	10	0	90.5	47.2	142				
1,2,3-Trichlorobenzene	9.91	2	10	0	99.1	67.4	130				
Surr: 1,2-Dichloroethane-d4	12.5		10		125	69.51	130.5				
Surr: Toluene-d8	8.47		10		84.7	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.5		10		105	69.51	130.5				

Sample ID: 2311104-22AMS	SampType: MS		TestCode: VOC_W	Units: µg/L							
Client ID: EB-4MS	Batch ID: A19743		TestNo: SW8260C								
Prep Date: 11/16/2023	RunNo: 18133		SeqNo: 523412								
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	53.1	5	50	0	106	5.1	155				
Chloromethane	54.4	10	50	0	109	37.7	121				
Vinyl chloride	59.1	5	50	0	118	60.4	140				
Chloroethane	80.2	5	50	0	160	43.1	206				
Bromomethane	47.5	10	50	0	95.1	12.6	168				
Trichlorofluoromethane	57.7	5	50	0	115	58.6	163				
Acetone	974	50	1000	0	97.4	37.3	152				
1,1-Dichloroethene	56.9	5	50	0	114	69.8	158				
Tertiary Butyl Alcohol (TBA)	457	50	500	0	91.4	60.4	158				
Dichloromethane	53.6	10	50	0	107	71.7	132				
Freon-113	58.1	5	50	0	116	52.1	166				
trans-1,2-Dichloroethene	59.7	5	50	0	119	72	136				
Methyl tert-butyl ether (MTBE)	43.3	2.5	50	0	86.6	54.8	155				
1,1-Dichloroethane	60.9	5	50	0	122	76.9	140				

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-4MS	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523412	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	969	50	1000	0	96.9	73.7	142				
Di-isopropyl Ether (DIPE)	49.3	5	50	0	98.7	74.8	136				
cis-1,2-Dichloroethene	58.2	5	50	0	116	73.9	133				
Bromochloromethane	61.8	5	50	0	124	75.8	132				
Chloroform	60.5	5	50	0	121	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	47.5	5	50	0	95.0	74.8	138				
2,2-Dichloropropane	66.5	5	50	0	133	53.9	146				
1,2-Dichloroethane	57.4	5	50	0	115	72.6	144				
1,1,1-Trichloroethane	61.8	5	50	0	124	70.2	138				
1,1-Dichloropropene	59.3	5	50	0	119	69.7	146				
Carbon tetrachloride	63.6	5	50	0	127	58.2	141				
Benzene	61.2	2.5	50	0	122	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	57.5	5	50	0	115	72.3	144				
Dibromomethane	57.8	5	50	0	116	75.2	144				
1,2-Dichloropropane	63.9	5	50	0	128	75.3	144				
Trichloroethene	60.7	5	50	0	121	65.7	131				
Bromodichloromethane	62.9	5	50	0	126	70.2	141				
4-Methyl-2-pentanone (MIBK)	110	12.5	125	0	87.7	57.9	143				
cis-1,3-Dichloropropene	42.9	5	50	0	85.7	56.9	132				
trans-1,3-Dichloropropene	52.7	5	50	0	105	72	131				
1,1,2-Trichloroethane	60.9	5	50	0	122	74	130				
Toluene	60.9	2.5	50	0	122	67.2	131				
1,3-Dichloropropane	56.4	5	50	0	113	74.2	124				
2-Hexanone	496	25	500	0	99.2	66.7	135				
Dibromochloromethane	55.5	5	50	0	111	71.5	134				
1,2-Dibromoethane (EDB)	110	10	100	0	110	74.7	129				
Tetrachloroethene	49.1	5	50	0	98.2	45.9	138				
1,1,1,2-Tetrachloroethane	56	5	50	0	112	75.7	125				
Chlorobenzene	60.9	5	50	0	122	73.7	120				S
Ethylbenzene	59.3	2.5	50	0	119	70.3	122				
m,p-Xylene	61.4	2.5	50	0	123	52.9	136				
Bromoform	49.7	5	50	0	99.3	61.5	141				
Xylenes, Total	122	2.5	100	0	122	61	131				
Styrene	60.1	5	50	0	120	74	130				
o-Xylene	60.8	2.5	50	0	122	67.3	129				
1,1,2,2-Tetrachloroethane	55.3	5	50	0	111	62.4	153				
1,2,3-Trichloropropane	109	10	100	0	109	37.4	171				
Isopropylbenzene	57.5	5	50	0	115	63	132				
Bromobenzene	58.4	5	50	0	117	65.1	120				
n-Propylbenzene	65.6	5	50	0	131	58.2	128				S
4-Chlorotoluene	58.8	5	50	0	118	63.9	127				
2-Chlorotoluene	65.5	5	50	0	131	63.2	126				S

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#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-4MS	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523412	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	58.3	5	50	0	117	63.8	138				
tert-Butylbenzene	64.1	5	50	0	128	59.7	128				S
1,2,4-Trimethylbenzene	58.7	5	50	0	117	65.1	135				
sec-Butylbenzene	57.6	5	50	0	115	55.5	128				
1,3-Dichlorobenzene	57	5	50	0	114	64.5	122				
1,4-Dichlorobenzene	61.2	5	50	0	122	63.7	121				S
4-Isopropyltoluene	56.9	5	50	0	114	58	135				
1,2-Dichlorobenzene	56.2	5	50	0	112	66.7	122				
n-Butylbenzene	56.3	5	50	0	113	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	248	15	250	0	99.3	59.1	143				
1,2,4-Trichlorobenzene	50.9	10	50	0	102	47.1	139				
Naphthalene	42	10	50	0	84.1	31.6	164				
1,2,3-Trichlorobenzene	48.3	10	50	0	96.6	17.7	171				
Surr: 1,2-Dichloroethane-d4	63.1		50		126	69.51	130.49				
Surr: Toluene-d8	40.7		50		81.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	48.2		50		96.3	69.51	130.49				

Sample ID: 2311104-22AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-4MSD	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523413	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	41.7	5	50	0	83.4	5.1	155	53.1	24	38	
Chloromethane	51.9	10	50	0	104	37.7	121	54.4	4.7	22.5	
Vinyl chloride	57	5	50	0	114	60.4	140	59.1	3.7	23.9	
Chloroethane	71	5	50	0	142	43.1	206	80.2	12	22.9	
Bromomethane	50.7	10	50	0	101	12.6	168	47.5	6.4	48	
Trichlorofluoromethane	47.8	5	50	0	95.7	58.6	163	57.7	19	33.3	
Acetone	967	50	1000	0	96.7	37.3	152	974	0.73	50	
1,1-Dichloroethene	53.4	5	50	0	107	69.8	158	56.9	6.2	21.7	
Tertiary Butyl Alcohol (TBA)	478	50	500	0	95.7	60.4	158	457	4.6	26.8	
Dichloromethane	51	10	50	0	102	71.7	132	53.6	5	20	
Freon-113	48.9	5	50	0	97.8	52.1	166	58.1	17	25.9	
trans-1,2-Dichloroethene	56.5	5	50	0	113	72	136	59.7	5.5	19.2	
Methyl tert-butyl ether (MTBE)	42.2	2.5	50	0	84.4	54.8	155	43.3	2.6	21.4	
1,1-Dichloroethane	57.9	5	50	0	116	76.9	140	60.9	4.9	18	
2-Butanone (MEK)	936	50	1000	0	93.6	73.7	142	969	3.4	20.9	
Di-isopropyl Ether (DIPE)	49.2	5	50	0	98.4	74.8	136	49.3	0.24	18.2	
cis-1,2-Dichloroethene	55.2	5	50	0	110	73.9	133	58.2	5.2	20.1	

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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QC SUMMARY REPORT

WO#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-4MSD	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523413	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromochloromethane	56.4	5	50	0	113	75.8	132	61.8	9.1	23.5	
Chloroform	55.6	5	50	0	111	74.3	130	60.5	8.4	18	
Ethyl Tertiary Butyl Ether (ETBE)	46.4	5	50	0	92.8	74.8	138	47.5	2.3	20.3	
2,2-Dichloropropane	59.7	5	50	0	119	53.9	146	66.5	11	52.3	
1,2-Dichloroethane	52.6	5	50	0	105	72.6	144	57.4	8.8	17.1	
1,1,1-Trichloroethane	55.5	5	50	0	111	70.2	138	61.8	11	22.2	
1,1-Dichloropropene	55	5	50	0	110	69.7	146	59.3	7.6	29.6	
Carbon tetrachloride	56.1	5	50	0	112	58.2	141	63.6	12	31.9	
Benzene	56.9	2.5	50	0	114	67.8	140	61.2	7.4	18.1	
Tertiary Amyl Methyl Ether (TAME)	54.2	5	50	0	108	72.3	144	57.5	5.9	20.6	
Dibromomethane	53.2	5	50	0	106	75.2	144	57.8	8.3	19.5	
1,2-Dichloropropane	59.7	5	50	0	119	75.3	144	63.9	6.7	19.7	
Trichloroethene	55.3	5	50	0	111	65.7	131	60.7	9.3	25.3	
Bromodichloromethane	57.4	5	50	0	115	70.2	141	62.9	9.1	20.5	
4-Methyl-2-pentanone (MIBK)	104	12.5	125	0	83.3	57.9	143	110	5.1	21.3	
cis-1,3-Dichloropropene	41.4	5	50	0	82.8	56.9	132	42.9	3.4	25.8	
trans-1,3-Dichloropropene	48.3	5	50	0	96.7	72	131	52.7	8.6	26.4	
1,1,2-Trichloroethane	56.4	5	50	0	113	74	130	60.9	7.8	21.9	
Toluene	58	2.5	50	0	116	67.2	131	60.9	4.9	18.3	
1,3-Dichloropropane	54.4	5	50	0	109	74.2	124	56.4	3.7	21.7	
2-Hexanone	486	25	500	0	97.1	66.7	135	496	2.1	20.9	
Dibromochloromethane	52.8	5	50	0	106	71.5	134	55.5	4.9	24.1	
1,2-Dibromoethane (EDB)	106	10	100	0	106	74.7	129	110	4	23.1	
Tetrachloroethene	45.4	5	50	0	90.8	45.9	138	49.1	7.9	30.9	
1,1,1,2-Tetrachloroethane	52.8	5	50	0	106	75.7	125	56	5.9	22.6	
Chlorobenzene	57.1	5	50	0	114	73.7	120	60.9	6.4	23.1	
Ethylbenzene	55.9	2.5	50	0	112	70.3	122	59.3	6	25.3	
m,p-Xylene	58.2	2.5	50	0	116	52.9	136	61.4	5.4	26.6	
Bromoform	46.5	5	50	0	92.9	61.5	141	49.7	6.7	25	
Xylenes, Total	115	2.5	100	0	115	61	131	122	6.2	25.6	
Styrene	56.6	5	50	0	113	74	130	60.1	6	26	
o-Xylene	56.6	2.5	50	0	113	67.3	129	60.8	7.1	25	
1,1,2,2-Tetrachloroethane	50.9	5	50	0	102	62.4	153	55.3	8.3	24.6	
1,2,3-Trichloropropane	100	10	100	0	100	37.4	171	109	8.6	50	
Isopropylbenzene	58.2	5	50	0	116	63	132	57.5	1.2	33.1	
Bromobenzene	59.3	5	50	0	118	65.1	120	58.4	1.4	23.6	
n-Propylbenzene	66	5	50	0	132	58.2	128	65.6	0.61	32.4	S
4-Chlorotoluene	59.9	5	50	0	120	63.9	127	58.8	1.9	29.1	
2-Chlorotoluene	66.4	5	50	0	133	63.2	126	65.5	1.3	28.9	S
1,3,5-Trimethylbenzene	58.4	5	50	0	117	63.8	138	58.3	0.26	31.9	
tert-Butylbenzene	63.4	5	50	0	127	59.7	128	64.1	1.1	36.2	
1,2,4-Trimethylbenzene	59.8	5	50	0	120	65.1	135	58.7	1.8	28.8	

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

QC SUMMARY REPORT

WO#: 2311104

21-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-4MSD	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523413	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	57.6	5	50	0	115	55.5	128	57.6	0	40.9	
1,3-Dichlorobenzene	57.7	5	50	0	115	64.5	122	57	1.3	28.6	
1,4-Dichlorobenzene	62.5	5	50	0	125	63.7	121	61.2	2.1	27.7	S
4-Isopropyltoluene	57.6	5	50	0	115	58	135	56.9	1.2	40.4	
1,2-Dichlorobenzene	56.3	5	50	0	113	66.7	122	56.2	0.18	24.5	
n-Butylbenzene	57.2	5	50	0	114	52.7	139	56.3	1.5	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	252	15	250	0	101	59.1	143	248	1.6	24.9	
1,2,4-Trichlorobenzene	51.7	10	50	0	103	47.1	139	50.9	1.5	35	
Naphthalene	44.2	10	50	0	88.4	31.6	164	42	5	50	
1,2,3-Trichlorobenzene	49.3	10	50	0	98.6	17.7	171	48.3	2.1	57	
Surr: 1,2-Dichloroethane-d4	60.8		50		122	69.51	130.49	63.1	0	0	
Surr: Toluene-d8	41.3		50		82.5	69.51	130.49	40.7	0	0	
Surr: 4-Bromofluorobenzene	50.9		50		102	69.51	130.49	48.2	0	0	

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.
255 Glendale Ave, #21
Sparks, Nevada 89431
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Website: www.alpha-analytical.com

Definition Only

WO#: 2311104
Date: 11/21/2023

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
 Court Reece
 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: CHH2311104
 Report Due By: 21-Nov-23
 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: 10-Nov-23

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					
CHH2311104-01	TB-2	AQ	11/8/2023 7:00:00 AM	1	0	7			A - Partial					Client provided TB
CHH2311104-02	GMW-SF-8	AQ	11/8/2023 7:54:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-03	GMW-13	AQ	11/8/2023 8:33:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-04	GMW-3	AQ	11/8/2023 9:21:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-05	MW-9	AQ	11/8/2023 10:00:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-06	DUP-2	AQ	11/8/2023	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-07	GMW-14R	AQ	11/8/2023 11:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-08	MW-15R	AQ	11/8/2023 12:43:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-09	GMW-4R	AQ	11/8/2023 1:30:00 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.

Signature	Print Name	Company	Date/Time
Logged in by: 	K Murray	Alpha Analytical, Inc.	11/10/23 1322

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	TPH/P_W	VOC_W					
CHH2311104-10	GMW-1	AQ	11/8/2023 2:07:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-11	EB-3	AQ	11/8/2023 2:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-12	EXP-2	AQ	11/8/2023 12:50:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-13	GMW-O-11	AQ	11/8/2023 11:15:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-14	GMW-O-3	AQ	11/8/2023 10:10:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-15	GMW-O-2	AQ	11/8/2023 9:35:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-16	GMW-O-1	AQ	11/8/2023 9:00:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-17	WCW-5	AQ	11/8/2023 8:15:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-18	WCW-6	AQ	11/8/2023 7:45:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-19	GMW-O-12	AQ	11/8/2023 12:45:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-20	GMW-O-20	AQ	11/8/2023 12:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-21	GMW-O-4	AQ	11/8/2023 1:55:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311104-22	EB-4	AQ	11/8/2023 2:30:00 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.

Signature	Print Name	Company	Date/Time
Logged in by: <i>K Murray</i>	<i>K Murray</i>	Alpha Analytical, Inc.	11/10/23 1322

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 1 of 3

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

CHH2311104

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-2	11-8-23	0700	AQ	1	17CL	VOA	*	X					VOC only			01
GMW-SF-8		0754		6			*									02
GMW-13		0833														03
GMW-3		0921														04
MW-9		1000														05
DUP-2		-														06
GMW-14R		1152														07
MW-15R		1243														08
GMW-4R		1330														09
GMW-1		1407														10

SAMPLING COMPLETED: 11-8-23 | DATE: 11-8-23 | TIME: | SAMPLING PERFORMED BY: Chris C. | RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] | TIME: 1700 | RECEIVED BY: [Signature] | DATE: 11/8/23 | TIME: 1700

RELEASED BY: Nicole Pann (Blaine Tech) | TIME: 1600 | RECEIVED BY: FEDEx | DATE: 11/9/23 | TIME: 1600

RELEASED BY: | TIME: | RECEIVED BY: K Murray | DATE: 11/10/23 | TIME: 1300

SHIPPED VIA: | TIME SENT: | COOLER #: | Page 69 of 71

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 3

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

CHH2311104

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 #
			AG= Water	#	Preservation	Type												
EXP-3	11-8-23	1420	AQ	6	HCL	VOA	X	X										11
EXP-2	11-8-23	1250	AQ	6	HCL	VOA	X	X										12

SAMPLING COMPLETED: 11-8-23 | TIME: | SAMPLING PERFORMED BY: Chris Conel | RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] | TIME: 1700 | RECEIVED BY: [Signature] | DATE: 11/8/23 | TIME: 1700

RELEASED BY: [Signature] Nicole (Blaine Tech) | TIME: 1600 | RECEIVED BY: FEDEX | DATE: 11/9/23 | TIME: 1600

RELEASED BY: [Signature] | TIME: | RECEIVED BY: K Murray | DATE: 11/10/23 | TIME: 1300

SHIPPED VIA: | TIME SENT: | COOLER #: | Page 70 of 71

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 3 of 3

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

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

CH42311104

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												
GMW-0-11	11/8/2023	1115	AQ	6	HCl	VOA	X	X									13
GMW-0-3		1010		6			X	X									14
GMW-0-2		0935		6			X	X									15
GMW-0-1		0900		6			X	X									16
NCW-5		0815		6			X	X									17
NCW-6		0745		6			X	X									18
GMW-0-12		1245		6			X	X									19
GMW-0-20		1200		6			X	X									20
GMW-0-4		1355		6			X	X									21
EB-4		1430		6			X	X									22

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED	NO LATER THAN
	11/8/2023	1500	Jonathan Pigg (BTS)	Standard	
RELEASED BY	TIME	RECEIVED BY	DATE	TIME	
<i>Jonathan Pigg</i>	1500	<i>[Signature]</i>		1500	
RELEASED BY	TIME	RECEIVED BY	DATE	TIME	
<i>Ma Nicole (Blaine Tech)</i>	1600	FEDEX	11/9/23	1600	
RELEASED BY	TIME	RECEIVED BY	DATE	TIME	
		<i>Kellman</i>	11/10/23	1300	
SHIPPED VIA	TIME SENT	COOLER #	Page 71 of 71		



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

November 27, 2023

Eric Davis
CH2M Hill
2600 Michelson Dr., Suite 500
Irvine, CA 92612
TEL: (949) 547-8969
FAX:
RE: DFSP Norwalk

Order No.: CHH2311137

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".

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#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-01 **Matrix:** AQUEOUS
Client Sample ID: TB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 7:00:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-01 **Matrix:** AQUEOUS
Client Sample ID: TB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/16/2023	EPA 8260

CLIENT: CH2M Hill

Collection Date: 11/10/2023 7:49:00 AM

Project: DFSP Norwalk

Lab ID: 2311137-02

Matrix: AQUEOUS

Client Sample ID: MW-SF-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	2.4	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	129	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.50		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	20		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	5.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	20		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	100		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	50		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	20		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	25		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	500		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	100		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	5.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	5.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	5.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	5.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	5.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	2.5		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	5.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	25		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	5.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	2.5		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	5.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 7:49:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-02 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	50		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	20		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	2.5		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	2.5		µg/L	11/16/2023	EPA 8260
Bromoform	ND	5.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	2.5		µg/L	11/16/2023	EPA 8260
Styrene	ND	5.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	2.5		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	20		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	5.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	30		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	20		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	20		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	20		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8260

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

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 8:42:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-03 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.11	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	99	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	22	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	12	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill

Collection Date: 11/10/2023 8:42:00 AM

Project: DFSP Norwalk

Lab ID: 2311137-03

Matrix: AQUEOUS

Client Sample ID: MW-SF-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	91	70-130		%Rec	11/16/2023	EPA 8260

NOTES:

Reporting Limit(s) increased due to sample foaming.



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 9:30:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-04 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.5	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	100	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	1.0		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	40		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	10		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	40		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	200		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	100		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	40		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	50		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	1,000		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	200		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	10		µg/L	11/16/2023	EPA 8260
Chloroform	ND	10		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	10		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	10		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	10		µg/L	11/16/2023	EPA 8260
Benzene	ND	5.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	10		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	10		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	10		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	10		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	50		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	10		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Toluene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	10		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 9:30:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-04 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	100		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	40		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	10		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	10		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	10		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	5.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	10		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	40		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	10		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	10		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	10		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	10		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	10		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	60		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	40		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	40		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	40		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 10:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-05 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.058	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	96	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	1.3	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 10:15:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-05 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/16/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 10:42:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-06 **Matrix:** AQUEOUS
Client Sample ID: MW-SF-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.24	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	122	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	1.5	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	6.8	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311137-06
Client Sample ID: MW-SF-13

Collection Date: 11/10/2023 10:42:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:28:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/20/2023	EPA 8015C
Surr: Nonane	105	70-130		%Rec	11/20/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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

Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:28:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-07 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:52:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-08 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	111	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:52:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-08 **Matrix:** AQUEOUS
Client Sample ID: GMW-O-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 1:00:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-09 **Matrix:** AQUEOUS
Client Sample ID: EB-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	88	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311137-09
Client Sample ID: EB-7

Collection Date: 11/10/2023 1:00:00 PM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:45:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-10 **Matrix:** AQUEOUS
Client Sample ID: GMW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.060	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	87	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.10		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	4.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	20		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	11	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	0.88	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	100		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	9.4	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:45:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-10 **Matrix:** AQUEOUS
Client Sample ID: GMW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	10		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 1:05:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-11 **Matrix:** AQUEOUS
Client Sample ID: EB-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2023	EPA 8015C
Surr: Nonane	87	70-130		%Rec	11/17/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill

Collection Date: 11/10/2023 1:05:00 PM

Project: DFSP Norwalk

Lab ID: 2311137-11

Matrix: AQUEOUS

Client Sample ID: EB-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:00:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-12 **Matrix:** AQUEOUS
Client Sample ID: GMW-25

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.21	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	87	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	3.0	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 12:00:00 PM
Project: DFSP Norwalk
Lab ID: 2311137-12 **Matrix:** AQUEOUS
Client Sample ID: GMW-25

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 10:55:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-13 **Matrix:** AQUEOUS
Client Sample ID: MW-18(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.20	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	89	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	130	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	2.0	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	39	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 10:55:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-13 **Matrix:** AQUEOUS
Client Sample ID: MW-18(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 10:05:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-14 **Matrix:** AQUEOUS
Client Sample ID: PZ-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.058	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	85	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	83	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill
Project: DFSP Norwalk
Lab ID: 2311137-14
Client Sample ID: PZ-2

Collection Date: 11/10/2023 10:05:00 AM

Matrix: AQUEOUS

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	83	70-130		%Rec	11/16/2023	EPA 8260

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 9:20:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-15 **Matrix:** AQUEOUS
Client Sample ID: MW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	88	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.20		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	40		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	20		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	8.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	10		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	200		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	2.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill

Collection Date: 11/10/2023 9:20:00 AM

Project: DFSP Norwalk

Lab ID: 2311137-15

Matrix: AQUEOUS

Client Sample ID: MW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	20		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromoform	ND	2.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/16/2023	EPA 8260
Styrene	ND	2.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	93	70-130		%Rec	11/16/2023	EPA 8260

NOTES:

Reporting Limit(s) increased due to sample foaming.

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 7:50:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-16 **Matrix:** AQUEOUS
Client Sample ID: GMW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.058	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	85	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.50		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8015C

NOTES:

Reporting Limit(s) increased due to sample foaming.

Dichlorodifluoromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	20		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	5.0		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	20		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	100		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	50		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	20		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	25		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	500		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	100		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	5.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	5.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	5.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	5.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	5.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	2.5		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	5.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	25		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	5.0		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	2.5		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	5.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 7:50:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-16 **Matrix:** AQUEOUS
Client Sample ID: GMW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
2-Hexanone	ND	50		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromoethane (EDB)	ND	20		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	2.5		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	2.5		µg/L	11/16/2023	EPA 8260
Bromoform	ND	5.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	2.5		µg/L	11/16/2023	EPA 8260
Styrene	ND	5.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	2.5		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	20		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	5.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	30		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	20		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	20		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	20		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	97	70-130		%Rec	11/16/2023	EPA 8260

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



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 8:35:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-17 **Matrix:** AQUEOUS
Client Sample ID: MW-19(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.054	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	89	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	80	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023 8:35:00 AM
Project: DFSP Norwalk
Lab ID: 2311137-17 **Matrix:** AQUEOUS
Client Sample ID: MW-19(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	80	70-130		%Rec	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137

Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023
Project: DFSP Norwalk
Lab ID: 2311137-18 **Matrix:** AQUEOUS
Client Sample ID: DUP-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.055	0.050		mg/L	11/18/2023	EPA 8015C
Surr: Nonane	83	70-130		%Rec	11/18/2023	EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2023	EPA 8015C
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/16/2023	EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/16/2023	EPA 8015C
Surr: 4-Bromofluorobenzene	81	70-130		%Rec	11/16/2023	EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2023	EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2023	EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2023	EPA 8260
Acetone	ND	10		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2023	EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2023	EPA 8260
Freon-113	ND	10		µg/L	11/16/2023	EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2023	EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2023	EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2023	EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2023	EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2023	EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2023	EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2023	EPA 8260
Benzene	ND	0.50		µg/L	11/16/2023	EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2023	EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2023	EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Toluene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2023	EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2023	EPA 8260



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Analytical Report

WO#: CHH2311137
 Report Date: 11/27/2023

CLIENT: CH2M Hill **Collection Date:** 11/10/2023
Project: DFSP Norwalk
Lab ID: 2311137-18 **Matrix:** AQUEOUS
Client Sample ID: DUP-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2023	EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2023	EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2023	EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2023	EPA 8260
Styrene	ND	1.0		µg/L	11/16/2023	EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2023	EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2023	EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2023	EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2023	EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Naphthalene	ND	10		µg/L	11/16/2023	EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2023	EPA 8260
Surr: 1,2-Dichloroethane-d4	120	70-130		%Rec	11/16/2023	EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/16/2023	EPA 8260
Surr: 4-Bromofluorobenzene	81	70-130		%Rec	11/16/2023	EPA 8260



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QC SUMMARY REPORT

WO#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-19755	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 19755	TestNo: SW8015	SW8015
Prep Date: 11/17/2023	RunNo: 18149	SeqNo: 523553	
Analysis Date: 11/17/2023			

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	0.12		0.15		82.7	70	130				

Sample ID: LCS-19755	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 19755	TestNo: SW8015	SW8015
Prep Date: 11/17/2023	RunNo: 18149	SeqNo: 523554	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.2	0.05	2.5	0	88.0	80	120				
Surr: Nonane	0.111		0.15		74.0	70	130				

Sample ID: 2311137-03AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: MW-SF-15MS	Batch ID: 19755	TestNo: SW8015	SW8015
Prep Date: 11/17/2023	RunNo: 18149	SeqNo: 523557	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.23	0.1	2.5	0.105	85.1	80	120				
Surr: Nonane	0.224		0.2		112	70	130				

Sample ID: 2311137-03AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: MW-SF-15MSD	Batch ID: 19755	TestNo: SW8015	SW8015
Prep Date: 11/17/2023	RunNo: 18149	SeqNo: 523558	
Analysis Date: 11/17/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.39	0.1	2.5	0.105	91.5	80	120	2.23	7	7	
Surr: Nonane	0.244		0.2		122	70	130	0.224	0	0	

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-19743	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523142									
Analysis Date: 11/16/2023											
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	0.012		0.01		120	70	130				
Surr: Toluene-d8	0.0095		0.01		95.0	70	130				
Surr: 4-Bromofluorobenzene	0.0096		0.01		95.8	70	130				

Sample ID: GLCS-19743	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523137									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.433	0.05	0.4	0	108	80	120				
Surr: 1,2-Dichloroethane-d4	0.0114		0.01		114	70	130				
Surr: Toluene-d8	0.00881		0.01		88.1	70	130				
Surr: 4-Bromofluorobenzene	0.0102		0.01		102	70	130				

Sample ID: 2311104-22AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523414									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.94	0.25	2	0	97.2	60	125				
Surr: 1,2-Dichloroethane-d4	0.0541		0.05		108	69.51	130.49				
Surr: Toluene-d8	0.0452		0.05		90.3	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0534		0.05		107	69.51	130.49				

Sample ID: 2311104-22AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A19743B	TestNo: SW8015									
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523415									
Analysis Date: 11/16/2023											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.94	0.25	2	0	96.8	60	125	1.94	0.37	28	
Surr: 1,2-Dichloroethane-d4	0.0532		0.05		106	69.51	130.49	0.0541	0	0	
Surr: Toluene-d8	0.0457		0.05		91.4	69.51	130.49	0.0452	0	0	
Surr: 4-Bromofluorobenzene	0.0556		0.05		111	69.51	130.49	0.0534	0	0	

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19743	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523139	
Analysis Date: 11/16/2023			

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									
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-19743	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523139	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	12		10		120	69.51	130.49				
Surr: Toluene-d8	9.5		10		95.0	69.51	130.49				
Surr: 4-Bromofluorobenzene	9.6		10		95.8	69.51	130.49				

Sample ID: LCS-19743	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523138	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	10.4	1	10	0	104	16.9	124				

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19743	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523138	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	11	2	10	0	110	25.9	136				
Vinyl chloride	11.5	1	10	0	115	47.8	132				
Chloroethane	12	1	10	0	120	62.3	169				
Bromomethane	9.31	2	10	0	93.1	33.8	135				
Trichlorofluoromethane	9.9	1	10	0	99.0	16.8	155				
Acetone	218	10	200	0	109	72	124				
1,1-Dichloroethene	10.2	1	10	0	102	65.2	129				
Tertiary Butyl Alcohol (TBA)	114	10	100	0	114	52.9	128.4				
Dichloromethane	9.9	2	10	0	99.0	65.2	129				
Freon-113	10.7	1	10	0	107	52.4	143				
trans-1,2-Dichloroethene	11	1	10	0	110	66.7	132				
Methyl tert-butyl ether (MTBE)	9.61	0.5	10	0	96.1	52.9	125				
1,1-Dichloroethane	11.1	1	10	0	111	66.6	129				
2-Butanone (MEK)	216	10	200	0	108	63.7	120.4				
Di-isopropyl Ether (DIPE)	10.4	1	10	0	104	63.6	131				
cis-1,2-Dichloroethene	10.9	1	10	0	109	59.2	131				
Bromochloromethane	11.4	1	10	0	114	65.9	121				
Chloroform	10.6	1	10	0	106	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	10.3	1	10	0	103	44.6	136				
2,2-Dichloropropane	12.7	1	10	0	127	58.2	146				
1,2-Dichloroethane	10.6	1	10	0	106	73.4	120.4				
1,1,1-Trichloroethane	10.6	1	10	0	106	52.7	144				
1,1-Dichloropropene	10.7	1	10	0	107	85.6	131				
Carbon tetrachloride	10.8	1	10	0	108	30.9	175				
Benzene	10.9	0.5	10	0	109	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	11.2	1	10	0	112	52.4	141				
Dibromomethane	11.1	1	10	0	111	78.5	120.4				
1,2-Dichloropropane	11.9	1	10	0	119	79.5	126				
Trichloroethene	10.6	1	10	0	106	69	120.4				
Bromodichloromethane	11.3	1	10	0	113	73.9	122				
4-Methyl-2-pentanone (MIBK)	25.2	2.5	25	0	101	66.4	122				
cis-1,3-Dichloropropene	10.9	1	10	0	109	78.7	120.4				
trans-1,3-Dichloropropene	10.5	1	10	0	105	70.2	120.4				
1,1,2-Trichloroethane	11.5	1	10	0	115	76.2	120.4				
Toluene	11.1	0.5	10	0	111	79.7	126				
1,3-Dichloropropane	11.3	1	10	0	114	71.7	131				
2-Hexanone	113	5	100	0	113	52.9	152				
Dibromochloromethane	10.7	1	10	0	107	79.5	120.4				
1,2-Dibromoethane (EDB)	22.3	2	20	0	111	76.4	120.4				
Tetrachloroethene	8.73	1	10	0	87.3	64	123				
1,1,1,2-Tetrachloroethane	10.1	1	10	0	101	77.9	120.4				
Chlorobenzene	10.9	1	10	0	109	70.9	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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-19743	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523138	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Ethylbenzene	10.5	0.5	10	0	105	77.5	120.4				
m,p-Xylene	11.1	0.5	10	0	111	74.8	120.4				
Bromoform	9.56	1	10	0	95.6	51.3	120.4				
Xylenes, Total	21.9	0.5	20	0	109	77.6	120.4				
Styrene	11	1	10	0	110	71.9	120.4				
o-Xylene	10.8	0.5	10	0	108	79.1	120.4				
1,1,2,2-Tetrachloroethane	11.1	1	10	0	111	55.6	138				
1,2,3-Trichloropropane	21.1	2	20	0	106	73.4	120.4				
Isopropylbenzene	10.7	1	10	0	107	78.7	148				
Bromobenzene	11.2	1	10	0	112	79.5	121				
n-Propylbenzene	12.1	1	10	0	121	82.5	134				
4-Chlorotoluene	10.9	1	10	0	109	79.5	135				
2-Chlorotoluene	12.1	1	10	0	121	79.5	131				
1,3,5-Trimethylbenzene	10.6	1	10	0	106	79.5	135				
tert-Butylbenzene	11.5	1	10	0	115	79.5	139				
1,2,4-Trimethylbenzene	10.9	1	10	0	109	79.5	138				
sec-Butylbenzene	10.6	1	10	0	106	79.5	132				
1,3-Dichlorobenzene	10.6	1	10	0	106	79.5	125				
1,4-Dichlorobenzene	11.5	1	10	0	115	79.5	123				
4-Isopropyltoluene	10.5	1	10	0	105	79.5	130				
1,2-Dichlorobenzene	10.6	1	10	0	106	79.5	121				
n-Butylbenzene	10.7	1	10	0	106	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	51.2	3	50	0	102	72.1	136				
1,2,4-Trichlorobenzene	10.1	2	10	0	101	73.3	126				
Naphthalene	9.05	2	10	0	90.5	47.2	142				
1,2,3-Trichlorobenzene	9.91	2	10	0	99.1	67.4	130				
Surr: 1,2-Dichloroethane-d4	12.5		10		125	69.51	130.5				
Surr: Toluene-d8	8.47		10		84.7	69.51	130.5				
Surr: 4-Bromofluorobenzene	10.5		10		105	69.51	130.5				

Sample ID: 2311104-22AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523412	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	53.1	5	50	0	106	5.1	155				
Chloromethane	54.4	10	50	0	109	37.7	121				
Vinyl chloride	59.1	5	50	0	118	60.4	140				
Chloroethane	80.2	5	50	0	160	43.1	206				

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523412	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	47.5	10	50	0	95.1	12.6	168				
Trichlorofluoromethane	57.7	5	50	0	115	58.6	163				
Acetone	974	50	1000	0	97.4	37.3	152				
1,1-Dichloroethene	56.9	5	50	0	114	69.8	158				
Tertiary Butyl Alcohol (TBA)	457	50	500	0	91.4	60.4	158				
Dichloromethane	53.6	10	50	0	107	71.7	132				
Freon-113	58.1	5	50	0	116	52.1	166				
trans-1,2-Dichloroethene	59.7	5	50	0	119	72	136				
Methyl tert-butyl ether (MTBE)	43.3	2.5	50	0	86.6	54.8	155				
1,1-Dichloroethane	60.9	5	50	0	122	76.9	140				
2-Butanone (MEK)	969	50	1000	0	96.9	73.7	142				
Di-isopropyl Ether (DIPE)	49.3	5	50	0	98.7	74.8	136				
cis-1,2-Dichloroethene	58.2	5	50	0	116	73.9	133				
Bromochloromethane	61.8	5	50	0	124	75.8	132				
Chloroform	60.5	5	50	0	121	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	47.5	5	50	0	95.0	74.8	138				
2,2-Dichloropropane	66.5	5	50	0	133	53.9	146				
1,2-Dichloroethane	57.4	5	50	0	115	72.6	144				
1,1,1-Trichloroethane	61.8	5	50	0	124	70.2	138				
1,1-Dichloropropene	59.3	5	50	0	119	69.7	146				
Carbon tetrachloride	63.6	5	50	0	127	58.2	141				
Benzene	61.2	2.5	50	0	122	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	57.5	5	50	0	115	72.3	144				
Dibromomethane	57.8	5	50	0	116	75.2	144				
1,2-Dichloropropane	63.9	5	50	0	128	75.3	144				
Trichloroethene	60.7	5	50	0	121	65.7	131				
Bromodichloromethane	62.9	5	50	0	126	70.2	141				
4-Methyl-2-pentanone (MIBK)	110	12.5	125	0	87.7	57.9	143				
cis-1,3-Dichloropropene	42.9	5	50	0	85.7	56.9	132				
trans-1,3-Dichloropropene	52.7	5	50	0	105	72	131				
1,1,2-Trichloroethane	60.9	5	50	0	122	74	130				
Toluene	60.9	2.5	50	0	122	67.2	131				
1,3-Dichloropropane	56.4	5	50	0	113	74.2	124				
2-Hexanone	496	25	500	0	99.2	66.7	135				
Dibromochloromethane	55.5	5	50	0	111	71.5	134				
1,2-Dibromoethane (EDB)	110	10	100	0	110	74.7	129				
Tetrachloroethene	49.1	5	50	0	98.2	45.9	138				
1,1,1,2-Tetrachloroethane	56	5	50	0	112	75.7	125				
Chlorobenzene	60.9	5	50	0	122	73.7	120				S
Ethylbenzene	59.3	2.5	50	0	119	70.3	122				
m,p-Xylene	61.4	2.5	50	0	123	52.9	136				
Bromoform	49.7	5	50	0	99.3	61.5	141				

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523412	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Xylenes, Total	122	2.5	100	0	122	61	131				
Styrene	60.1	5	50	0	120	74	130				
o-Xylene	60.8	2.5	50	0	122	67.3	129				
1,1,2,2-Tetrachloroethane	55.3	5	50	0	111	62.4	153				
1,2,3-Trichloropropane	109	10	100	0	109	37.4	171				
Isopropylbenzene	57.5	5	50	0	115	63	132				
Bromobenzene	58.4	5	50	0	117	65.1	120				
n-Propylbenzene	65.6	5	50	0	131	58.2	128				S
4-Chlorotoluene	58.8	5	50	0	118	63.9	127				
2-Chlorotoluene	65.5	5	50	0	131	63.2	126				S
1,3,5-Trimethylbenzene	58.3	5	50	0	117	63.8	138				
tert-Butylbenzene	64.1	5	50	0	128	59.7	128				S
1,2,4-Trimethylbenzene	58.7	5	50	0	117	65.1	135				
sec-Butylbenzene	57.6	5	50	0	115	55.5	128				
1,3-Dichlorobenzene	57	5	50	0	114	64.5	122				
1,4-Dichlorobenzene	61.2	5	50	0	122	63.7	121				S
4-Isopropyltoluene	56.9	5	50	0	114	58	135				
1,2-Dichlorobenzene	56.2	5	50	0	112	66.7	122				
n-Butylbenzene	56.3	5	50	0	113	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	248	15	250	0	99.3	59.1	143				
1,2,4-Trichlorobenzene	50.9	10	50	0	102	47.1	139				
Naphthalene	42	10	50	0	84.1	31.6	164				
1,2,3-Trichlorobenzene	48.3	10	50	0	96.6	17.7	171				
Surr: 1,2-Dichloroethane-d4	63.1		50		126	69.51	130.49				
Surr: Toluene-d8	40.7		50		81.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	48.2		50		96.3	69.51	130.49				

Sample ID: 2311104-22AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523413	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	41.7	5	50	0	83.4	5.1	155	53.1	24	38	
Chloromethane	51.9	10	50	0	104	37.7	121	54.4	4.7	22.5	
Vinyl chloride	57	5	50	0	114	60.4	140	59.1	3.7	23.9	
Chloroethane	71	5	50	0	142	43.1	206	80.2	12	22.9	
Bromomethane	50.7	10	50	0	101	12.6	168	47.5	6.4	48	
Trichlorofluoromethane	47.8	5	50	0	95.7	58.6	163	57.7	19	33.3	
Acetone	967	50	1000	0	96.7	37.3	152	974	0.73	50	

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523413	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	53.4	5	50	0	107	69.8	158	56.9	6.2	21.7	
Tertiary Butyl Alcohol (TBA)	478	50	500	0	95.7	60.4	158	457	4.6	26.8	
Dichloromethane	51	10	50	0	102	71.7	132	53.6	5	20	
Freon-113	48.9	5	50	0	97.8	52.1	166	58.1	17	25.9	
trans-1,2-Dichloroethene	56.5	5	50	0	113	72	136	59.7	5.5	19.2	
Methyl tert-butyl ether (MTBE)	42.2	2.5	50	0	84.4	54.8	155	43.3	2.6	21.4	
1,1-Dichloroethane	57.9	5	50	0	116	76.9	140	60.9	4.9	18	
2-Butanone (MEK)	936	50	1000	0	93.6	73.7	142	969	3.4	20.9	
Di-isopropyl Ether (DIPE)	49.2	5	50	0	98.4	74.8	136	49.3	0.24	18.2	
cis-1,2-Dichloroethene	55.2	5	50	0	110	73.9	133	58.2	5.2	20.1	
Bromochloromethane	56.4	5	50	0	113	75.8	132	61.8	9.1	23.5	
Chloroform	55.6	5	50	0	111	74.3	130	60.5	8.4	18	
Ethyl Tertiary Butyl Ether (ETBE)	46.4	5	50	0	92.8	74.8	138	47.5	2.3	20.3	
2,2-Dichloropropane	59.7	5	50	0	119	53.9	146	66.5	11	52.3	
1,2-Dichloroethane	52.6	5	50	0	105	72.6	144	57.4	8.8	17.1	
1,1,1-Trichloroethane	55.5	5	50	0	111	70.2	138	61.8	11	22.2	
1,1-Dichloropropene	55	5	50	0	110	69.7	146	59.3	7.6	29.6	
Carbon tetrachloride	56.1	5	50	0	112	58.2	141	63.6	12	31.9	
Benzene	56.9	2.5	50	0	114	67.8	140	61.2	7.4	18.1	
Tertiary Amyl Methyl Ether (TAME)	54.2	5	50	0	108	72.3	144	57.5	5.9	20.6	
Dibromomethane	53.2	5	50	0	106	75.2	144	57.8	8.3	19.5	
1,2-Dichloropropane	59.7	5	50	0	119	75.3	144	63.9	6.7	19.7	
Trichloroethene	55.3	5	50	0	111	65.7	131	60.7	9.3	25.3	
Bromodichloromethane	57.4	5	50	0	115	70.2	141	62.9	9.1	20.5	
4-Methyl-2-pentanone (MIBK)	104	12.5	125	0	83.3	57.9	143	110	5.1	21.3	
cis-1,3-Dichloropropene	41.4	5	50	0	82.8	56.9	132	42.9	3.4	25.8	
trans-1,3-Dichloropropene	48.3	5	50	0	96.7	72	131	52.7	8.6	26.4	
1,1,2-Trichloroethane	56.4	5	50	0	113	74	130	60.9	7.8	21.9	
Toluene	58	2.5	50	0	116	67.2	131	60.9	4.9	18.3	
1,3-Dichloropropane	54.4	5	50	0	109	74.2	124	56.4	3.7	21.7	
2-Hexanone	486	25	500	0	97.1	66.7	135	496	2.1	20.9	
Dibromochloromethane	52.8	5	50	0	106	71.5	134	55.5	4.9	24.1	
1,2-Dibromoethane (EDB)	106	10	100	0	106	74.7	129	110	4	23.1	
Tetrachloroethene	45.4	5	50	0	90.8	45.9	138	49.1	7.9	30.9	
1,1,1,2-Tetrachloroethane	52.8	5	50	0	106	75.7	125	56	5.9	22.6	
Chlorobenzene	57.1	5	50	0	114	73.7	120	60.9	6.4	23.1	
Ethylbenzene	55.9	2.5	50	0	112	70.3	122	59.3	6	25.3	
m,p-Xylene	58.2	2.5	50	0	116	52.9	136	61.4	5.4	26.6	
Bromoform	46.5	5	50	0	92.9	61.5	141	49.7	6.7	25	
Xylenes, Total	115	2.5	100	0	115	61	131	122	6.2	25.6	
Styrene	56.6	5	50	0	113	74	130	60.1	6	26	
o-Xylene	56.6	2.5	50	0	113	67.3	129	60.8	7.1	25	

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#: 2311137

27-Nov-23

Client: CH2M Hill
Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2311104-22AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A19743	TestNo: SW8260C	
Prep Date: 11/16/2023	RunNo: 18133	SeqNo: 523413	
Analysis Date: 11/16/2023			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,2,2-Tetrachloroethane	50.9	5	50	0	102	62.4	153	55.3	8.3	24.6	
1,2,3-Trichloropropane	100	10	100	0	100	37.4	171	109	8.6	50	
Isopropylbenzene	58.2	5	50	0	116	63	132	57.5	1.2	33.1	
Bromobenzene	59.3	5	50	0	118	65.1	120	58.4	1.4	23.6	
n-Propylbenzene	66	5	50	0	132	58.2	128	65.6	0.61	32.4	S
4-Chlorotoluene	59.9	5	50	0	120	63.9	127	58.8	1.9	29.1	
2-Chlorotoluene	66.4	5	50	0	133	63.2	126	65.5	1.3	28.9	S
1,3,5-Trimethylbenzene	58.4	5	50	0	117	63.8	138	58.3	0.26	31.9	
tert-Butylbenzene	63.4	5	50	0	127	59.7	128	64.1	1.1	36.2	
1,2,4-Trimethylbenzene	59.8	5	50	0	120	65.1	135	58.7	1.8	28.8	
sec-Butylbenzene	57.6	5	50	0	115	55.5	128	57.6	0	40.9	
1,3-Dichlorobenzene	57.7	5	50	0	115	64.5	122	57	1.3	28.6	
1,4-Dichlorobenzene	62.5	5	50	0	125	63.7	121	61.2	2.1	27.7	S
4-Isopropyltoluene	57.6	5	50	0	115	58	135	56.9	1.2	40.4	
1,2-Dichlorobenzene	56.3	5	50	0	113	66.7	122	56.2	0.18	24.5	
n-Butylbenzene	57.2	5	50	0	114	52.7	139	56.3	1.5	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	252	15	250	0	101	59.1	143	248	1.6	24.9	
1,2,4-Trichlorobenzene	51.7	10	50	0	103	47.1	139	50.9	1.5	35	
Naphthalene	44.2	10	50	0	88.4	31.6	164	42	5	50	
1,2,3-Trichlorobenzene	49.3	10	50	0	98.6	17.7	171	48.3	2.1	57	
Surr: 1,2-Dichloroethane-d4	60.8		50		122	69.51	130.49	63.1	0	0	
Surr: Toluene-d8	41.3		50		82.5	69.51	130.49	40.7	0	0	
Surr: 4-Bromofluorobenzene	50.9		50		102	69.51	130.49	48.2	0	0	

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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Definition Only

WO#: 2311137
Date: 11/27/2023

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
 Court Reece
 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

Report Attention: Eric Davis

CA

WorkOrder: CHH2311137
 Report Due By: 28-Nov-23
 EDD Required: YES



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

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

Date Received: 15-Nov-23

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					
CHH2311137-01	TB-4	AQ	11/10/2023 7:00:00 AM	1	0	7			A - Partial					Client provided TB
CHH2311137-02	MW-SF-6	AQ	11/10/2023 7:49:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-03	MW-SF-15	AQ	11/10/2023 8:42:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-04	MW-SF-1	AQ	11/10/2023 9:30:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-05	MW-SF-12	AQ	11/10/2023 10:15:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-06	MW-SF-13	AQ	11/10/2023 10:42:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-07	GMW-O-9	AQ	11/10/2023 12:28:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-08	GMW-O-10	AQ	11/10/2023 12:52:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-09	EB-7	AQ	11/10/2023 1:00:00 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. One day delay due to Fedex.

Signature	Print Name	Company	Date/Time
Logged in by: 		Alpha Analytical, Inc.	11/15/23 1031

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	TPH/E_W	TPH/P_W	VOC_W					
CHH2311137-10	GMW-9	AQ	11/10/2023 12:45:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-11	EB-8	AQ	11/10/2023 1:05:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-12	GMW-25	AQ	11/10/2023 12:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-13	MW-18(MID)	AQ	11/10/2023 10:55:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-14	PZ-2	AQ	11/10/2023 10:05:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-15	MW-7	AQ	11/10/2023 9:20:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-16	GMW-8	AQ	11/10/2023 7:50:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-17	MW-19(MID)	AQ	11/10/2023 8:35:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2311137-18	DUP-7	AQ	11/10/2023	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. One day delay due to Fedex.

Signature	Print Name	Company	Date/Time
Logged in by: <u></u>	<u>K Murray</u>	Alpha Analytical, Inc.	11/15/23 1031

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 1 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

TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)																			
------------------------	--------------------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

CHH2311137

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																	
TB-4	11-10-23	0700	AQ	1	14CL	VGA	X	X												VOC only			01
MW-SF-6		0749		6			X																02
MW-SF-15		0842																					03
MW-SF-1		0930																					04
MW-SF-12		1015																					05
MW-SF-13		1042																					06
GMW-0-9		1228																					07
GMW-0-10		1252																					08
EB7		1300																					09

SAMPLING COMPLETED DATE 11-10-23 TIME 1700 SAMPLING PERFORMED BY Chris Coniel RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *Chris Coniel* TIME 1700 RECEIVED BY *Nicole Park* DATE 11/10/23 TIME 1700

RELEASED BY *Nicole Park (Blaine Tech)* TIME 1600 RECEIVED BY FEDEX DATE 11/13/23 TIME 1600

RELEASED BY TIME RECEIVED BY *Kellumay* DATE 11/15/23 TIME 1013

SHIPPED VIA TIME SENT COOLER # Page 51 of 52

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

CHH2311137

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-9	11/10/23	1245	AQ	6	HCl	VDA	X	X										10
EB-8		1305		6			X	X										11
GMW-25		1200		6			X	X										12
MW-18(mid)		1055		6			X	X										13
PZ-2		1005		6			X	X										14
MW-7		0920		6			X	X										15
GMW-8		0750		6			X	X										16
MW-19(mid)		0835		6			X	X										17
DUP-7		-		6			X	X										18

SAMPLING COMPLETED 11/10/2023 1400 SAMPLING PERFORMED BY Jonathan Pigg (BTS) RESULTS NEEDED NO LATER THAN Standard

RELEASED BY Jonathan Pigg TIME 1700 RECEIVED BY Ma Nicole Park DATE 11/10/23 TIME 1700

RELEASED BY Ma Nicole (Blaine Tech) TIME 1600 RECEIVED BY FEDEX DATE 11/13/23 TIME 1600

RELEASED BY TIME RECEIVED BY Korman DATE 11/15/23 TIME 1013

SHIPPED VIA TIME SENT COOLER # Page 52 of 52 7740 9245 8220

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS
NOVEMBER 1996 THROUGH NOVEMBER 2023

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
Exposition Aquifer						
EXP-1	05/28/96	78.44	----	48.29	----	30.15
EXP-1	11/20/96	78.44	----	49.10	----	29.34
EXP-1	07/01/97	78.44	----	47.89	----	30.55
EXP-1	12/31/97	78.44	----	47.08	----	31.36
EXP-1	05/01/98	78.44	----	45.16	----	33.28
EXP-1	05/25/99	78.44	----	45.44	----	33.00
EXP-1	08/09/99	78.44	----	47.60	----	30.84
EXP-1	09/23/99	78.44	----	48.53	----	29.91
EXP-1	10/12/99	78.44	----	48.51	----	29.93
EXP-1	11/15/99	78.44	----	48.39	----	30.05
EXP-1	12/21/99	78.44	----	47.69	----	30.75
EXP-1	01/20/00	78.44	----	47.45	----	30.99
EXP-1	02/28/00	78.44	----	46.92	----	31.52
EXP-1	03/28/00	78.44	----	46.65	----	31.79
EXP-1	04/20/00	78.44	----	47.20	----	31.24
EXP-1	05/15/00	78.44	----	47.51	----	30.93
EXP-1	05/15/00	78.44	----	47.55	----	30.89
EXP-1	06/30/00	78.44	----	48.51	----	29.93
EXP-1	08/28/00	78.44	----	49.50	----	28.94
EXP-1	02/05/01	78.44	----	48.47	----	29.97
EXP-1	05/07/01	78.44	----	48.09	----	30.35
EXP-1	05/07/01	78.44	----	48.15	----	30.29
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	----	49.31	----	29.13
EXP-1	11/13/01	78.44	----	49.32	----	29.12
EXP-1	01/29/02	78.44	----	49.07	----	29.37
EXP-1	04/08/02	78.44	----	48.96	----	29.48
EXP-1	04/08/02	78.44	----	49.20	----	29.24
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	----	50.28	----	28.16
EXP-1	04/07/03	78.44	----	50.30	----	28.14
EXP-1	07/30/03	78.44	----	51.42	----	27.02
EXP-1	10/06/03	78.44	----	51.76	----	26.68
EXP-1	10/06/03	78.44	----	51.77	----	26.67
EXP-1	01/27/04	78.44	----	51.25	----	27.19
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-1	02/01/05	78.44	----	52.90	----	25.54
EXP-1	05/02/05	78.44	----	51.77	----	26.67
EXP-1	05/02/05	78.44	----	51.91	----	26.53
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	----	49.30	----	29.14
EXP-1	05/01/06	78.44	----	49.70	----	28.74
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	11/12/07	78.44	----	52.37	----	26.07
EXP-1	11/12/07	78.44	----	52.27	----	26.17
EXP-1	02/05/08	78.44	----	52.15	----	26.29
EXP-1	02/19/08	78.44	----	51.63	----	26.81
EXP-1	04/11/08	78.44	----	51.51	----	26.93
EXP-1	04/14/08	78.44	----	51.40	----	27.04
EXP-1	07/24/08	78.44	----	52.92	----	25.52
EXP-1	08/11/08	78.44	----	53.21	----	25.23
EXP-1	10/13/08	78.44	----	53.75	----	24.69
EXP-1	10/14/08	78.44	----	53.75	----	24.69
EXP-1	02/09/09	78.44	----	52.56	----	25.88
EXP-1	04/20/09	78.44	----	53.41	----	25.03
EXP-1	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	----	57.93	----	20.51
EXP-1	04/20/15	78.44	----	57.81	----	20.63
EXP-1	10/19/15	78.44	----	59.37	----	19.07
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	----	61.17	----	17.27
EXP-1	10/03/16	78.44	----	61.31	----	17.13
EXP-1	04/17/17	78.44	----	60.47	----	17.97
EXP-1	04/18/17	78.44	----	60.48	----	17.96
EXP-1	10/03/17	78.44	----	61.14	----	17.30
EXP-1	10/02/17	78.44	----	60.98	----	17.46
EXP-1	10/25/17	78.44	----	60.87	----	17.57
EXP-1	04/16/18	78.44	----	60.17	----	18.27
EXP-1	11/05/18	78.44	----	61.74	----	16.70
EXP-1	11/05/18	78.44	----	61.74	----	16.70
EXP-1	04/16/19	78.44	----	60.63	----	17.81
EXP-1	04/16/19	78.44	----	60.77	----	17.67
EXP-1	10/28/19	78.44	----	61.83	----	16.61
EXP-1	10/28/19	78.44	----	61.80	----	16.64
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	----	61.10	----	17.34
EXP-1	11/02/20	78.44	----	61.25	----	17.19
EXP-1	11/02/20	78.44	----	61.25	----	17.19

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	----	61.68	----	16.76
EXP-1	11/01/21	78.44	----	61.82	----	16.62
EXP-1	05/09/22	78.44	----	60.74	----	17.70
EXP-1	05/09/22	78.44	----	60.61	----	17.83
EXP-1	10/31/22	78.44	----	61.46	----	16.98
EXP-1	10/31/22	78.44	----	61.41	----	17.03
EXP-1	05/01/23	78.44	----	59.91	----	18.53
EXP-1	05/01/23	78.44	----	59.90	----	18.54
EXP-1	11/08/23	78.44	----	59.19	----	19.25
EXP-1	11/06/23	78.44	----	59.18	----	19.26
EXP-2	05/28/96	79.43	----	47.58	----	31.85
EXP-2	11/20/96	79.43	----	48.20	----	31.23
EXP-2	07/01/97	79.43	----	47.19	----	32.24
EXP-2	12/31/97	79.43	----	46.33	----	33.10
EXP-2	05/01/98	79.43	----	44.40	----	35.03
EXP-2	05/04/99	79.43	----	44.05	----	35.38
EXP-2	05/25/99	79.43	----	44.85	----	34.58
EXP-2	07/21/99	79.43	----	46.67	----	32.76
EXP-2	08/09/99	79.43	----	47.02	----	32.41
EXP-2	09/23/99	79.43	----	48.90	----	30.53
EXP-2	10/12/99	79.43	----	48.93	----	30.50
EXP-2	11/15/99	79.43	----	47.76	----	31.67
EXP-2	12/21/99	79.43	----	47.03	----	32.40
EXP-2	01/20/00	79.43	----	46.85	----	32.58
EXP-2	02/28/00	79.43	----	46.39	----	33.04
EXP-2	03/28/00	79.43	----	46.15	----	33.28
EXP-2	04/20/00	79.43	----	46.69	----	32.74
EXP-2	05/15/00	79.43	----	47.04	----	32.39
EXP-2	05/15/00	79.43	----	47.05	----	32.38
EXP-2	06/30/00	79.43	----	48.01	----	31.42
EXP-2	08/28/00	79.43	----	48.96	----	30.47
EXP-2	11/13/00	79.43	----	48.71	----	30.72
EXP-2	11/13/00	79.43	----	48.74	----	30.69
EXP-2	02/05/01	79.43	----	47.83	----	31.60
EXP-2	05/07/01	79.43	----	47.58	----	31.85
EXP-2	05/07/01	79.43	----	47.61	----	31.82
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	----	48.63	----	30.80
EXP-2	04/08/02	79.43	----	48.72	----	30.71

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-2	07/29/02	79.43	----	50.90	----	28.53
EXP-2	10/21/02	79.43	----	51.46	----	27.97
EXP-2	10/21/02	79.43	----	51.51	----	27.92
EXP-2	01/27/03	79.43	----	49.29	----	30.14
EXP-2	04/07/03	79.43	----	49.95	----	29.48
EXP-2	04/07/03	79.43	----	50.05	----	29.38
EXP-2	07/30/03	79.43	----	51.15	----	28.28
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	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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-2	04/12/10	79.43	----	55.82	----	23.61
EXP-2	05/24/10	79.43	----	55.66	----	23.77
EXP-2	05/28/10	79.43	----	55.69	----	23.74
EXP-2	10/04/10	79.43	----	56.65	----	22.78
EXP-2	01/06/11	79.43	----	55.48	----	23.95
EXP-2	01/10/11	79.43	----	55.18	----	24.25
EXP-2	04/06/11	79.43	----	54.07	----	25.36
EXP-2	04/11/11	79.43	----	54.44	----	24.99
EXP-2	07/07/11	79.43	----	54.18	----	25.25
EXP-2	07/11/11	79.43	----	53.94	----	25.49
EXP-2	10/06/11	79.43	----	54.26	----	25.17
EXP-2	10/10/11	79.43	----	53.21	----	26.22
EXP-2	01/09/12	79.43	----	52.98	----	26.45
EXP-2	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	----	58.72	----	20.71
EXP-2	04/20/15	79.43	----	58.53	----	20.90
EXP-2	10/19/15	79.43	----	60.23	----	19.20
EXP-2	10/19/15	79.43	----	60.23	----	19.20
EXP-2	04/11/16	79.43	----	60.31	----	19.12
EXP-2	04/11/16	79.43	----	60.25	----	19.18
EXP-2	10/03/16	79.43	----	62.18	----	17.25
EXP-2	10/03/16	79.43	----	61.88	----	17.55
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	10/02/17	79.43	----	61.97	----	17.46
EXP-2	10/25/17	79.43	----	61.94	----	17.49
EXP-2	04/16/18	79.43	----	61.08	----	18.35
EXP-2	11/05/18	79.43	----	62.91	----	16.52
EXP-2	11/05/18	79.43	----	62.92	----	16.51
EXP-2	04/12/19	79.43	----	61.75	----	17.68
EXP-2	04/16/19	79.43	----	61.77	----	17.66

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-2	04/18/19	79.43	----	61.87	----	17.56
EXP-2	10/28/19	79.43	----	62.96	----	16.47
EXP-2	10/28/19	79.43	----	62.91	----	16.52
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	----	62.27	----	17.16
EXP-2	11/02/20	79.43	----	62.38	----	17.05
EXP-2	11/02/20	79.43	----	62.40	----	17.03
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	----	62.91	----	16.52
EXP-2	11/01/21	79.43	----	62.59	----	16.84
EXP-2	05/09/22	79.43	----	61.79	----	17.64
EXP-2	05/09/22	79.43	----	61.71	----	17.72
EXP-2	10/31/22	79.43	----	62.51	----	16.92
EXP-2	10/31/22	79.43	----	62.62	----	16.81
EXP-2	05/01/23	79.43	----	61.81	----	17.62
EXP-2	05/01/23	79.43	----	61.04	----	18.39
EXP-2	11/06/23	79.43	----	60.11	----	19.32
EXP-2	11/06/23	79.43	----	60.19	----	19.24
EXP-3	05/28/96	77.58	----	47.40	----	30.18
EXP-3	11/20/96	77.58	----	48.25	----	29.33
EXP-3	07/01/97	77.58	----	47.15	----	30.43
EXP-3	12/31/97	77.58	----	46.21	----	31.37
EXP-3	05/01/98	77.58	----	44.19	----	33.39
EXP-3	05/04/99	77.58	----	43.88	----	33.70
EXP-3	05/26/99	77.58	----	44.72	----	32.86
EXP-3	08/09/99	77.58	----	46.98	----	30.60
EXP-3	09/23/99	77.58	----	47.78	----	29.80
EXP-3	10/12/99	77.58	----	47.76	----	29.82
EXP-3	11/15/99	77.58	----	47.65	----	29.93
EXP-3	12/21/99	77.58	----	46.85	----	30.73
EXP-3	01/20/00	77.58	----	46.57	----	31.01
EXP-3	02/28/00	77.58	----	46.01	----	31.57
EXP-3	03/28/00	77.58	----	45.79	----	31.79
EXP-3	04/20/00	77.58	----	46.35	----	31.23
EXP-3	05/15/00	77.58	----	46.68	----	30.90
EXP-3	05/15/00	77.58	----	46.63	----	30.95
EXP-3	06/30/00	77.58	----	47.75	----	29.83
EXP-3	08/28/00	77.58	----	48.77	----	28.81
EXP-3	11/13/00	77.58	----	48.51	----	29.07
EXP-3	11/13/00	77.58	----	48.41	----	29.17
EXP-3	02/05/01	77.58	----	47.58	----	30.00

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	----	51.16	----	26.42
EXP-3	10/21/02	77.58	----	51.11	----	26.47
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	----	50.22	----	27.36
EXP-3	04/19/04	77.58	----	50.19	----	27.39
EXP-3	07/19/04	77.58	----	52.19	----	25.39
EXP-3	11/01/04	77.58	----	53.26	----	24.32
EXP-3	02/01/05	77.58	----	51.94	----	25.64
EXP-3	05/02/05	77.58	----	50.90	----	26.68
EXP-3	05/02/05	77.58	----	49.83	----	27.75
EXP-3	08/01/05	77.58	----	51.82	----	25.76
EXP-3	10/31/05	77.58	----	51.71	----	25.87
EXP-3	02/27/06	77.58	----	49.29	----	28.29
EXP-3	05/01/06	77.58	----	48.74	----	28.84
EXP-3	05/01/06	77.58	----	48.31	----	29.27
EXP-3	09/18/06	77.58	----	50.14	----	27.44
EXP-3	12/01/06	77.58	----	49.74	----	27.84
EXP-3	12/04/06	77.58	----	49.41	----	28.17
EXP-3	03/12/07	77.58	----	47.95	----	29.63
EXP-3	04/30/07	77.58	----	48.31	----	29.27
EXP-3	04/30/07	77.58	----	47.86	----	29.72
EXP-3	08/28/07	77.58	----	50.61	----	26.97
EXP-3	11/12/07	77.58	----	51.57	----	26.01
EXP-3	11/12/07	77.58	----	51.56	----	26.02
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	04/16/12	77.58	----	51.34	----	26.24
EXP-3	07/09/12	77.58	----	51.87	----	25.71
EXP-3	08/29/12	77.58	----	52.69	----	24.89
EXP-3	10/15/12	77.58	----	52.80	----	24.78
EXP-3	01/11/13	77.58	----	51.94	----	25.64
EXP-3	01/14/13	77.58	----	51.70	----	25.88
EXP-3	04/03/13	77.58	----	52.01	----	25.57
EXP-3	04/08/13	77.58	----	51.65	----	25.93
EXP-3	10/02/13	77.58	----	54.61	----	22.97
EXP-3	10/07/13	77.58	----	54.62	----	22.96
EXP-3	04/09/14	77.58	----	54.55	----	23.03
EXP-3	04/14/14	77.58	----	54.68	----	22.90
EXP-3	10/27/14	77.58	----	57.55	----	20.03
EXP-3	10/27/14	77.58	----	57.70	----	19.88
EXP-3	04/20/15	77.58	----	57.09	----	20.49
EXP-3	04/20/15	77.58	----	56.91	----	20.67
EXP-3	10/19/15	77.58	----	58.43	----	19.15
EXP-3	10/20/15	77.58	----	58.50	----	19.08
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	----	60.92	----	16.66

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-3	10/03/16	77.58	----	60.52	----	17.06
EXP-3	04/17/17	77.58	----	59.52	----	18.06
EXP-3	04/18/17	77.58	----	59.59	----	17.99
EXP-3	10/03/17	77.58	----	60.26	----	17.32
EXP-3	10/02/17	77.58	----	60.12	----	17.46
EXP-3	10/25/17	77.58	----	60.00	----	17.58
EXP-3	04/16/18	77.58	----	59.31	----	18.27
EXP-3	11/05/18	77.58	----	60.92	----	16.66
EXP-3	11/05/18	77.58	----	60.98	----	16.60
EXP-3	04/16/19	77.58	----	59.72	----	17.86
EXP-3	04/16/19	77.58	----	59.65	----	17.93
EXP-3	10/28/19	77.58	----	60.90	----	16.68
EXP-3	10/28/19	77.58	----	61.08	----	16.50
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	----	60.24	----	17.34
EXP-3	11/02/20	77.58	----	60.36	----	17.22
EXP-3	11/02/20	77.58	----	60.20	----	17.38
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	----	60.83	----	16.75
EXP-3	11/01/21	77.58	----	60.75	----	16.83
EXP-3	05/09/22	77.58	----	59.86	----	17.72
EXP-3	05/09/22	77.58	----	59.72	----	17.86
EXP-3	10/31/22	74.36	----	57.35	----	17.01
EXP-3	10/31/22	74.36	----	57.35	----	17.01
EXP-3	05/01/23	77.58	----	55.74	----	21.84
EXP-3	05/02/23	77.58	----	55.78	----	21.80
EXP-3	11/06/23	74.36	----	54.98	----	19.38
EXP-3	11/06/23	74.36	----	54.98	----	19.38
EXP-4	02/03/99	79.81	----	43.49	----	36.32
EXP-4	05/04/99	79.81	----	43.43	----	36.38
EXP-4	07/21/99	79.81	----	46.03	----	33.78
EXP-4	08/09/99	79.81	----	46.49	----	33.32
EXP-4	09/23/99	79.81	----	47.29	----	32.52
EXP-4	10/12/99	79.81	----	47.30	----	32.51
EXP-4	11/15/99	79.81	----	47.18	----	32.63
EXP-4	12/21/99	79.81	----	46.42	----	33.39
EXP-4	01/20/00	79.81	----	46.29	----	33.52
EXP-4	02/28/00	79.81	----	45.89	----	33.92
EXP-4	03/28/00	79.81	----	45.61	----	34.20
EXP-4	04/20/00	79.81	----	46.12	----	33.69
EXP-4	05/15/00	79.81	----	46.39	----	33.42

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	04/17/17	79.81	----	61.41	----	18.40
EXP-4	10/02/17	79.81	----	62.03	----	17.78
EXP-4	04/16/18	79.81	----	61.39	----	18.42

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-4	11/05/18	79.81	----	62.95	----	16.86
EXP-4	04/16/19	79.81	----	61.92	----	17.89
EXP-4	10/28/19	79.81	----	63.16	----	16.65
EXP-4	05/04/20	79.81	----	61.66	----	18.15
EXP-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-4	05/09/22	79.81	----	61.97	----	17.84
EXP-4	10/31/22	79.81	----	62.73	----	17.08
EXP-4	05/01/23	79.81	----	61.36	----	18.45
EXP-4	11/06/23	79.81	----	60.36	----	19.45
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
EXP-5	02/01/05	72.41	----	47.07	----	25.34
EXP-5	05/02/05	72.41	----	45.81	----	26.60
EXP-5	08/01/05	72.41	----	45.37	----	27.04
EXP-5	10/31/05	72.41	----	46.83	----	25.58
EXP-5	02/27/06	72.41	----	47.21	----	25.20
EXP-5	05/01/06	72.41	----	43.34	----	29.07
EXP-5	09/18/06	72.41	----	44.88	----	27.53
EXP-5	12/04/06	72.41	----	49.73	----	22.68
EXP-5	03/12/07	72.41	----	43.02	----	29.39
EXP-5	04/30/07	72.41	----	43.02	----	29.39
EXP-5	08/28/07	72.41	----	45.86	----	26.55
EXP-5	11/12/07	72.41	----	46.37	----	26.04
EXP-5	02/19/08	72.41	----	45.90	----	26.51
EXP-5	04/14/08	72.41	----	45.73	----	26.68
EXP-5	08/11/08	72.41	----	47.68	----	24.73
EXP-5	10/13/08	72.41	----	48.19	----	24.22
EXP-5	04/20/09	72.41	----	47.86	----	24.55
EXP-5	07/20/09	72.41	----	49.10	----	23.31
EXP-5	10/19/09	72.41	----	50.61	----	21.80
EXP-5	03/15/10	72.41	----	49.02	----	23.39
EXP-5	05/24/10	72.41	----	49.54	----	22.87
EXP-5	05/28/10	72.41	----	49.49	----	22.92
EXP-5	10/04/10	72.41	----	50.35	----	22.06
EXP-5	01/10/11	72.41	----	48.69	----	23.72
EXP-5	04/11/11	72.41	----	49.82	----	22.59
EXP-5	07/11/11	72.41	----	47.42	----	24.99
EXP-5	10/10/11	72.41	----	49.58	----	22.83
EXP-5	01/09/12	72.41	----	46.53	----	25.88
EXP-5	04/16/12	72.41	----	46.21	----	26.20
EXP-5	07/09/12	72.41	----	46.88	----	25.53
EXP-5	10/15/12	72.41	----	47.78	----	24.63
EXP-5	01/14/13	72.41	----	46.64	----	25.77
EXP-5	04/08/13	72.41	----	46.58	----	25.83
EXP-5	10/07/13	72.41	----	50.13	----	22.28
EXP-5	04/14/14	72.41	----	49.42	----	22.99
EXP-5	10/27/14	72.41	----	52.58	----	19.83
EXP-5	04/20/15	72.41	----	51.71	----	20.70
EXP-5	10/19/15	72.41	----	53.27	----	19.14
EXP-5	04/11/16	72.41	----	53.40	----	19.01
EXP-5	10/03/16	72.41	----	55.40	----	17.01
EXP-5	04/17/17	72.41	----	54.26	----	18.15
EXP-5	10/02/17	72.41	----	54.73	----	17.68
EXP-5	04/16/18	72.41	----	53.83	----	18.58

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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
EXP-5	05/09/22	72.41	----	54.20	----	18.21
EXP-5	10/31/22	72.41	----	55.17	----	17.24
EXP-5	05/01/23	72.41	----	53.34	----	19.07
EXP-5	11/06/23	72.41	----	52.74	----	19.67
Uppermost Aquifer						
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	10/15/12	73.17	----	25.26	----	47.91
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	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	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	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	10/15/12	73.59	----	26.11	----	47.48

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	10/15/12	74.65	----	27.15	----	47.50
BW-7	04/08/13	74.65	----	29.01	----	45.64
BW-8	10/04/10	75.08	----	27.97	----	47.11
BW-8	04/11/11	75.08	----	27.28	----	47.80
BW-8	10/10/11	75.08	----	27.15	----	47.93
BW-8	04/16/12	75.08	----	28.08	----	47.00
BW-8	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	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	1.24	NC
EP-73	04/16/18	77.21	35.89	37.67	1.78	NC
EP-73	10/30/19	77.21	36.12	36.19	0.07	NC
EP-73	05/05/20	77.21	----	35.54	----	41.67
EP-73	10/20/20	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
EP-73	11/01/22	77.21	----	37.53	----	39.68
EP-73	11/07/23	77.21	----	35.57	----	41.64
GMW-1	05/28/96	74.77	----	26.93	----	47.84
GMW-1	11/20/96	74.77	----	27.73	----	47.04
GMW-1	07/01/97	74.77	----	27.97	----	46.80
GMW-1	12/31/97	74.77	----	27.85	----	46.92
GMW-1	05/01/98	74.77	----	24.77	----	50.00

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-1	05/04/99	74.77	----	25.75	----	49.02
GMW-1	08/09/99	74.77	----	26.24	----	48.53
GMW-1	11/15/99	74.77	----	26.39	----	48.38
GMW-1	05/15/00	74.77	----	26.26	----	48.51
GMW-1	11/13/00	74.77	----	26.95	----	47.82
GMW-1	05/07/01	74.77	----	25.50	----	49.27
GMW-1	11/05/01	74.77	----	25.53	----	49.24
GMW-1	04/08/02	74.77	----	26.10	----	48.67
GMW-1	10/21/02	74.77	----	26.82	----	47.95
GMW-1	04/07/03	74.77	----	26.17	----	48.60
GMW-1	07/30/03	74.77	----	26.11	----	48.66
GMW-1	10/06/03	74.77	----	26.22	----	48.55
GMW-1	01/11/04	74.77	----	27.59	----	47.18
GMW-1	01/27/04	74.77	----	26.57	----	48.20
GMW-1	04/19/04	74.77	----	27.25	----	47.52
GMW-1	07/19/04	74.77	----	26.84	----	47.93
GMW-1	02/01/05	74.77	----	25.79	----	48.98
GMW-1	05/02/05	74.77	----	20.84	----	53.93
GMW-1	08/01/05	74.77	----	21.92	----	52.85
GMW-1	10/31/05	74.77	----	26.96	----	47.81
GMW-1	02/27/06	74.77	----	23.15	----	51.62
GMW-1	05/01/06	74.77	----	23.30	----	51.47
GMW-1	09/18/06	74.77	----	23.70	----	51.07
GMW-1	12/04/06	74.77	----	24.06	----	50.71
GMW-1	03/12/07	74.77	----	24.18	----	50.59
GMW-1	04/30/07	74.77	----	23.21	----	51.56
GMW-1	08/28/07	74.77	----	19.70	----	55.07
GMW-1	11/12/07	74.77	----	23.70	----	51.07
GMW-1	02/19/08	74.77	----	25.20	----	49.57
GMW-1	04/14/08	74.77	----	25.12	----	49.65
GMW-1	10/13/08	74.77	----	25.84	----	48.93
GMW-1	04/20/09	74.77	----	26.18	----	48.59
GMW-1	10/19/09	74.77	----	27.52	----	47.25
GMW-1	05/24/10	74.77	----	26.95	----	47.82
GMW-1	05/28/10	74.77	----	26.91	----	47.86
GMW-1	10/04/10	74.77	----	26.95	----	47.82
GMW-1	01/10/11	74.77	----	28.22	----	46.55
GMW-1	04/11/11	74.77	----	25.98	----	48.79
GMW-1	10/10/11	74.77	----	26.15	----	48.62
GMW-1	01/09/12	74.77	----	26.68	----	48.09
GMW-1	04/16/12	74.77	----	28.03	----	46.74
GMW-1	07/09/12	74.77	----	29.14	----	45.63
GMW-1	10/15/12	74.77	----	29.49	----	45.28
GMW-1	01/14/13	74.77	----	29.54	----	45.23

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/11/16	74.77	----	34.00	----	40.77
GMW-1	10/03/16	74.77	----	35.80	----	38.97
GMW-1	10/28/19	74.77	----	DRY (28.05)	----	NC
GMW-1	05/04/20	74.77	----	32.90	----	41.87
GMW-1	11/02/20	74.77	obstruction at 27.94 feet			
GMW-1	05/03/21	74.77	----	DRY	----	----
GMW-1	11/01/21	74.77	obstruction at 27.95 feet			
GMW-1	05/09/22	74.77	----	34.36	----	40.41
GMW-1	10/31/22	74.77	----	35.01	----	39.76
GMW-1	05/01/23	74.77	----	34.95	----	39.82
GMW-1	11/06/23	74.77	----	34.96	----	39.81
GMW-2	05/28/96	73.57	----	26.10	----	47.47
GMW-2	11/20/96	73.57	----	26.77	----	46.80
GMW-2	07/01/97	73.57	----	27.63	----	45.94
GMW-2	12/31/97	73.57	----	26.94	----	46.63
GMW-2	05/01/98	73.57	----	24.02	----	49.55
GMW-2	05/04/99	73.57	----	25.38	----	48.19
GMW-2	08/09/99	73.57	----	25.68	----	47.89
GMW-2	11/15/99	73.57	----	25.49	----	48.08
GMW-2	05/15/00	73.57	----	25.63	----	47.94
GMW-2	11/13/00	73.57	----	26.42	----	47.15
GMW-2	05/07/01	73.57	----	25.65	----	47.92
GMW-2	11/05/01	73.57	----	24.61	----	48.96
GMW-2	04/08/02	73.57	----	25.36	----	48.21
GMW-2	10/21/02	73.57	----	25.91	----	47.66
GMW-2	04/07/03	73.57	----	25.09	----	48.48
GMW-2	10/06/03	73.57	----	25.47	----	48.10
GMW-2	01/11/04	73.57	----	26.76	----	46.81
GMW-2	04/19/04	73.57	----	26.63	----	46.94
GMW-2	05/02/05	73.57	----	21.51	----	52.06
GMW-2	10/31/05	73.57	----	26.42	----	47.15
GMW-2	05/09/06	73.57	----	22.53	----	51.04
GMW-2	12/04/06	73.57	----	23.40	----	50.17
GMW-2	04/30/07	73.57	----	23.61	----	49.96
GMW-2	11/12/07	73.57	----	23.94	----	49.63
GMW-2	04/14/08	73.57	----	24.24	----	49.33
GMW-2	10/13/08	73.57	----	24.95	----	48.62

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/10/11	73.57	----	25.17	----	48.40
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	26.13	0.02	NC
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	06/14/13	75.10	----	29.98	----	45.12
GMW-3	04/14/14	75.10	----	30.55	----	44.55
GMW-3	10/27/14	75.10	----	30.90	----	44.20
GMW-3	04/20/15	75.10	----	31.40	----	43.70
GMW-3	10/19/15	75.10	----	32.12	----	42.98
GMW-3	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-3	05/09/22	75.10	----	34.67	----	40.43
GMW-3	10/31/22	75.10	----	36.11	----	38.99
GMW-3	05/01/23	75.10	----	34.54	----	40.56
GMW-3	11/06/23	75.10	----	34.62	----	40.48
GMW-4	05/28/96	75.45	27.34	28.02	0.68	NC
GMW-4	11/20/96	75.45	28.25	28.32	0.07	NC
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	NC
GMW-4	08/09/99	75.45	26.65	26.70	0.05	NC
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	NC
GMW-4	05/07/01	75.45	----	25.72	----	49.73
GMW-4	09/18/01	75.45	25.89	25.92	0.03	NC
GMW-4	11/05/01	75.45	26.01	26.02	0.01	NC
GMW-4	04/08/02	75.45	26.70	26.74	0.04	NC
GMW-4	10/21/02	75.45	27.56	27.59	0.03	NC
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	NC
GMW-4	04/19/04	75.45	26.15	26.19	0.04	NC
GMW-4	05/02/05	75.45	22.30	22.31	0.01	NC
GMW-4	10/31/05	75.45	18.10	23.84	5.74	NC
GMW-4	05/01/06	75.45	23.98	24.08	0.10	NC
GMW-4	12/04/06	75.45	25.08	25.12	0.04	NC
GMW-4	04/30/07	75.45	----	25.31	----	50.14
GMW-4	11/12/07	75.45	25.64	25.65	0.01	NC
GMW-4	04/14/08	75.45	----	25.99	----	49.46
GMW-4	04/14/08	75.45	----	26.00	----	49.45

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
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	NC
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	NC
GMW-4	04/08/13	75.45	29.95	30.08	0.13	NC
GMW-4	10/07/13	75.45	30.33	30.43	0.10	NC
GMW-4	04/14/14	75.45	30.47	31.06	0.59	NC
GMW-4	10/27/14	75.45	31.32	31.34	0.02	NC
GMW-4	Well decommissioned in December 2014 prior to remedial excavation					
GMW-4R	04/17/17	75.13	----	36.15	----	38.98
GMW-4R	10/02/17	75.13	----	34.57	----	40.56
GMW-4R	04/16/18	75.13	----	34.94	----	40.19
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-4R	05/09/22	75.13	----	34.79	----	40.34
GMW-4R	10/31/22	75.13	----	35.73	----	39.40
GMW-4R	05/01/23	75.13	----	35.48	----	39.65
GMW-4R	11/06/23	75.13	----	35.40	----	39.73
GMW-5	05/28/96	77.61	----	30.52	----	47.09
GMW-5	11/20/96	77.61	----	31.25	----	46.36
GMW-5	07/01/97	77.61	----	30.95	----	46.66
GMW-5	12/31/97	77.61	----	31.16	----	46.45
GMW-5	05/01/98	77.61	----	28.20	----	49.41
GMW-5	05/25/99	77.61	----	29.01	----	48.60
GMW-5	05/15/00	77.61	----	29.91	----	47.70
GMW-5	11/13/00	77.61	----	29.23	----	48.38
GMW-5	05/07/01	77.61	----	28.82	----	48.79
GMW-5	04/08/02	77.61	----	29.95	----	47.66
GMW-5	10/21/02	77.61	----	30.11	----	47.50
GMW-5	04/07/03	77.61	----	29.68	----	47.93
GMW-5	10/06/03	77.61	----	29.55	----	48.06
GMW-5	04/19/04	77.61	----	30.53	----	47.08
GMW-5	05/02/05	77.61	----	25.73	----	51.88

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/17/17	77.61	----	DRY	----	NC
GMW-5	10/02/17	77.61	mud in well to 28.32 feet bgs			
GMW-5	04/16/18	77.61	----	35.42	----	42.19
GMW-5	11/05/18	77.61	obstruction at ~28 feet			
GMW-5	10/28/19	77.61	obstruction at 28.52 feet			
GMW-5	05/04/20	77.61	----	DRY	----	----
GMW-5	10/19/20	77.61	obstruction at 28.54 feet			
GMW-5	05/03/21	77.61	----	DRY	----	----
GMW-5	11/01/21	77.61	obstruction at 28.55 feet			
GMW-5	05/09/22	77.61	obstruction at 28.51 feet			
GMW-5	11/01/22	77.61	obstruction at 28.51 feet			
GMW-5	05/01/23	77.61	----	36.35	----	41.26
GMW-5	11/06/23	77.61	----	35.36	----	42.25
GMW-6	11/20/96	77.31	----	30.76	----	46.55
GMW-6	07/01/97	77.31	----	30.12	----	47.19

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-6	10/27/14	77.31	----	33.65	----	43.66
GMW-6	04/20/15	77.31	----	33.95	----	43.36
GMW-6	10/19/15	77.31	----	34.72	----	42.59
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	10/19/20	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-6	05/10/22	77.31	----	37.41	----	39.90
GMW-6	11/01/22	77.31	----	37.68	----	39.63
GMW-6	05/01/23	77.31	----	36.98	----	40.33
GMW-6	11/06/23	77.31	----	35.87	----	41.44
GMW-7	05/28/96	75.84	27.21	32.89	5.68	NC
GMW-7	07/01/97	75.84	28.30	31.57	3.27	NC
GMW-7	12/31/97	75.84	28.30	32.10	3.80	NC
GMW-7	05/01/98	75.84	20.80	25.90	5.10	NC
GMW-7	05/25/99	75.84	26.18	30.37	4.19	NC
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	NC
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	NC
GMW-7	10/06/03	75.84	27.60	27.78	0.18	NC
GMW-7	04/19/04	75.84	29.05	29.17	0.12	NC
GMW-7	11/01/04	75.84	27.76	28.01	0.25	NC
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
GMW-7	02/10/09	75.84	----	26.23	----	49.61
GMW-7	07/17/09	75.84	----	27.65	----	48.19
GMW-7	04/08/10	75.84	----	28.90	----	46.94
GMW-7	10/01/10	75.84	----	28.54	----	47.30
GMW-7	01/08/11	75.84	----	28.62	----	47.22
GMW-7	04/12/12	75.84	----	29.28	----	46.56
GMW-7	10/02/13	75.84	31.28	31.41	0.13	NC
GMW-7	04/07/14	75.84	32.01	32.05	0.04	NC
GMW-7	04/16/14	75.84	31.88	31.92	0.04	NC
GMW-7	10/27/14	75.84	32.20	32.22	0.02	NC
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	NC
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	10/19/20	76.87	----	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-7	05/10/22	76.87	----	38.67	----	38.20
GMW-7	11/02/22	76.87	----	37.40	----	39.47
GMW-7	05/03/23	76.87	----	36.22	----	40.65
GMW-7	11/07/23	76.87	----	35.55	----	41.32
GMW-8	05/28/96	73.20	----	26.42	----	46.78
GMW-8	11/20/96	73.20	----	26.72	----	46.48
GMW-8	07/01/97	73.20	----	28.07	----	45.13
GMW-8	12/31/97	73.20	----	26.85	----	46.35
GMW-8	05/01/98	73.20	----	24.24	----	48.96
GMW-8	05/04/99	73.20	----	25.51	----	47.69
GMW-8	11/15/99	73.20	----	25.66	----	47.54
GMW-8	05/15/00	73.20	----	26.03	----	47.17
GMW-8	11/13/00	73.20	----	26.45	----	46.75
GMW-8	05/07/01	73.20	----	24.49	----	48.71
GMW-8	11/05/01	73.20	----	24.38	----	48.82
GMW-8	04/08/02	73.20	----	25.49	----	47.71

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-8	10/21/02	73.20	----	26.43	----	46.77
GMW-8	04/07/03	73.20	----	24.93	----	48.27
GMW-8	10/06/03	73.20	----	25.72	----	47.48
GMW-8	01/11/04	73.20	----	26.95	----	46.25
GMW-8	04/19/04	73.20	----	27.00	----	46.20
GMW-8	05/02/05	73.20	----	21.74	----	51.46
GMW-8	10/31/05	73.20	----	27.13	----	46.07
GMW-8	05/01/06	73.20	----	22.59	----	50.61
GMW-8	12/04/06	73.20	----	23.34	----	49.86
GMW-8	04/30/07	73.20	----	23.46	----	49.74
GMW-8	11/12/07	73.20	----	23.83	----	49.37
GMW-8	04/14/08	73.20	----	24.29	----	48.91
GMW-8	10/13/08	73.20	----	24.43	----	48.77
GMW-8	04/20/09	73.20	----	24.88	----	48.32
GMW-8	10/19/09	73.20	----	25.69	----	47.51
GMW-8	05/24/10	73.20	----	25.98	----	47.22
GMW-8	05/28/10	73.20	----	25.87	----	47.33
GMW-8	10/04/10	73.20	----	25.80	----	47.40
GMW-8	06/14/13	73.20	----	29.02	----	44.18
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	04/17/17	73.20	----	30.74	----	42.46
GMW-8	10/02/17	73.20	----	33.40	----	39.80
GMW-8	04/16/18	73.20	----	33.70	----	39.50
GMW-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-8	05/09/22	73.20	----	33.34	----	39.86
GMW-8	10/31/22	73.20	----	33.57	----	39.63
GMW-8	05/01/23	73.20	----	31.99	----	41.21
GMW-8	11/06/23	73.20	----	32.41	----	40.79
GMW-9	08/07/01	74.44	27.23	27.74	0.51	NC
GMW-9	10/21/02	74.44	28.95	28.97	0.02	NC
GMW-9	04/07/03	74.44	29.56	29.59	0.03	NC
GMW-9	10/06/03	74.44	28.14	28.30	0.16	NC

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
GMW-9	05/01/06	74.44	25.65	25.86	0.21	NC
GMW-9	12/04/06	74.44	27.79	27.88	0.09	NC
GMW-9	04/30/07	74.44	----	26.71	----	47.73
GMW-9	11/12/07	74.44	27.04	27.32	0.28	NC
GMW-9	08/08/08	74.44	27.96	28.01	0.05	NC
GMW-9	10/16/08	74.77	28.35	28.36	0.01	NC
GMW-9	04/21/09	74.44	----	28.16	----	46.28
GMW-9	05/24/10	74.44	----	30.47	----	43.97
GMW-9	05/28/10	74.44	----	30.35	----	44.09
GMW-9	10/04/10	74.44	----	30.30	----	44.14
GMW-9	01/10/11	74.44	----	32.02	----	42.42
GMW-9	04/11/11	74.44	----	25.41	----	49.03
GMW-9	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	ns	----	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	NC
GMW-9	04/14/14	77.16	31.65	37.66	6.01	NC
GMW-9	07/03/14	77.16	32.59	39.26	6.67	NC
GMW-9	10/27/14	77.16	32.42	36.04	3.62	NC
GMW-9	04/20/15	77.16	32.99	36.98	3.99	NC
GMW-9	10/20/15	77.16	34.37	34.61	0.24	NC
GMW-9	04/11/16	77.16	----	36.20	----	40.96
GMW-9	10/03/16	77.16	----	38.02	----	39.14
GMW-9	04/20/17	77.16	----	33.32	----	43.84
GMW-9	10/02/17	77.16	----	38.43	----	38.73
GMW-9	04/16/18	77.16	----	37.98	----	39.18
GMW-9	11/05/18	77.16	----	37.84	----	39.32
GMW-9	04/23/19	77.16	----	29.72	----	47.44
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-9	05/09/22	77.16	----	36.82	----	40.34
GMW-9	10/31/22	77.16	----	36.96	----	40.20
GMW-9	05/01/23	77.16	----	37.16	----	40.00
GMW-9	11/06/23	77.16	----	37.84	----	39.32

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-10	10/21/02	74.67	-----	33.71	-----	40.96
GMW-10	11/04/02	74.67	26.25	34.00	7.75	NC
GMW-10	04/07/03	74.67	26.47	26.47	0.00	NC
GMW-10	10/06/03	72.90	26.51	26.72	0.21	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	NC
GMW-10	10/31/05	74.67	26.03	26.10	0.07	NC
GMW-10	05/01/06	74.67	23.65	24.18	0.53	NC
GMW-10	12/04/06	74.67	24.38	25.55	1.17	NC
GMW-10	04/30/07	74.67	-----	25.90	-----	48.77
GMW-10	11/12/07	74.67	25.02	25.82	0.80	NC
GMW-10	04/14/08	74.67	25.38	25.44	0.06	NC
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	10/15/12	74.67	29.02	29.15	0.13	NC
GMW-10	04/08/13	74.67	28.12	33.64	5.52	NC
GMW-10	10/07/13	-----	29.32	31.85	2.53	NC
GMW-10	04/14/14	73.35	29.01	29.43	0.42	NC
GMW-10	10/27/14	-----	29.12	30.19	1.07	NC
GMW-10	04/20/15	73.35	28.42	34.99	6.57	NC
GMW-10	10/20/15	73.35	31.02	32.96	1.94	NC
GMW-10	04/11/16	73.35	32.10	33.70	1.60	NC
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	73.35	-----	33.48	-----	39.87
GMW-10	04/16/18	73.35	33.74	33.87	0.13	NC
GMW-10	11/05/18	73.35	34.14	34.16	0.02	NC
GMW-10	04/16/19	73.35	-----	30.55	-----	42.80
GMW-10	10/28/19	73.35	33.84	34.12	0.28	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	05/03/21	73.35	-----	32.54	-----	40.81
GMW-10	11/01/21	73.35	-----	33.35	-----	40.00
GMW-10	05/09/22	73.35	-----	33.07	-----	40.28
GMW-10	10/31/22	73.35	-----	33.80	sheen	39.55
GMW-10	05/01/23	73.35	-----	32.12	-----	41.23
GMW-10	11/06/23	73.35	-----	33.65	-----	39.70

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-11	05/28/96	72.90	----	25.19	----	47.71
GMW-11	11/20/96	72.90	----	26.35	----	46.55
GMW-11	07/01/97	72.90	----	26.17	----	46.73
GMW-11	12/31/97	72.90	----	26.73	----	46.17
GMW-11	05/01/98	72.90	----	23.37	----	49.53
GMW-11	05/04/99	72.90	----	24.46	----	48.44
GMW-11	11/15/99	72.90	----	25.11	----	47.79
GMW-11	05/15/00	72.90	----	24.96	----	47.94
GMW-11	11/13/00	72.90	----	25.64	----	47.26
GMW-11	05/07/01	72.90	----	23.81	----	49.09
GMW-11	08/07/01	72.90	25.21	27.21	2.00	NC
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	04/19/04	72.90	----	25.16	----	47.74
GMW-11	10/31/05	72.90	----	23.10	----	49.80
GMW-11	05/01/06	72.90	----	22.26	----	50.64
GMW-11	05/09/06	72.90	----	22.09	----	50.81
GMW-11	12/01/06	72.90	----	23.20	----	49.70
GMW-11	04/30/07	72.90	----	23.26	----	49.64
GMW-11	04/30/07	72.90	----	23.32	----	49.58
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	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-12	05/28/96	75.21	27.36	28.02	0.66	NC
GMW-12	11/20/96	75.21	----	28.25	----	46.96

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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	NC
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	10/06/03	75.21	----	26.45	----	48.76
GMW-12	04/19/04	75.21	----	27.54	----	47.67
GMW-12	11/01/04	75.21	----	27.76	----	47.45
GMW-12	05/02/05	75.21	----	21.20	----	54.01
GMW-12	05/01/06	75.21	----	24.03	----	51.18
GMW-12	12/04/06	75.21	----	25.03	----	50.18
GMW-12	04/30/07	75.21	----	25.51	----	49.70
GMW-12	11/12/07	75.21	----	25.46	----	49.75
GMW-12	04/14/08	75.21	----	25.72	----	49.49
GMW-12	07/24/08	75.21	----	26.06	----	49.15
GMW-12	10/14/08	75.21	----	26.83	----	48.38
GMW-12	02/10/09	75.21	----	26.39	----	48.82
GMW-12	04/20/09	75.21	----	26.38	----	48.83
GMW-12	10/19/09	75.21	----	27.62	----	47.59
GMW-12	04/08/10	75.21	----	27.17	----	48.04
GMW-12	04/12/10	75.21	----	26.83	----	48.38
GMW-12	01/08/11	75.21	----	28.05	----	47.16
GMW-12	04/07/11	75.21	----	26.54	----	48.67
GMW-12	07/08/11	75.21	----	26.57	----	48.64
GMW-12	10/07/11	75.21	----	27.25	----	47.96
GMW-12	04/12/12	75.21	----	28.38	----	46.83
GMW-12	04/16/12	75.21	----	28.25	----	46.96
GMW-12	01/10/13	75.21	----	29.97	----	45.24
GMW-12	04/03/13	75.21	----	29.88	----	45.33
GMW-12	04/08/13	75.21	----	29.94	----	45.27
GMW-12	10/02/13	75.21	----	30.54	----	44.67
GMW-12	04/07/14	75.21	----	31.46	----	43.75
GMW-12	04/16/14	75.21	----	30.96	----	44.25
GMW-12	10/27/14	75.21	----	31.39	----	43.82
GMW-12	04/20/15	75.21	----	31.74	----	43.47
GMW-12	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

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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	----	33.88	----	41.33
GMW-12	05/03/21	75.21	----	34.48	----	40.73
GMW-12	11/02/21	75.21	----	35.02	----	40.19
GMW-12	05/10/22	75.21	----	35.08	----	40.13
GMW-12	10/31/22	75.21	----	34.84	----	40.37
GMW-12	05/01/23	75.21	----	34.11	----	41.10
GMW-12	11/08/23	75.21	----	34.53	----	40.68
GMW-13	05/28/96	74.17	----	26.91	----	47.26
GMW-13	11/20/96	74.17	----	26.89	----	47.28
GMW-13	07/01/97	74.17	----	25.92	----	48.25
GMW-13	12/31/97	74.17	----	25.58	----	48.59
GMW-13	05/01/98	74.17	----	23.10	----	51.07
GMW-13	05/04/99	74.17	----	24.75	----	49.42
GMW-13	11/15/99	74.17	----	25.65	----	48.52
GMW-13	05/15/00	74.17	----	25.38	----	48.79
GMW-13	11/13/00	74.17	----	26.02	----	48.15
GMW-13	05/07/01	74.17	----	24.28	----	49.89
GMW-13	11/05/01	74.17	----	24.67	----	49.50
GMW-13	02/01/02	74.17	----	24.65	----	49.52
GMW-13	04/08/02	74.17	----	25.40	----	48.77
GMW-13	10/21/02	74.17	----	26.15	----	48.02
GMW-13	04/07/03	74.17	----	25.32	----	48.85
GMW-13	10/06/03	74.17	----	25.13	----	49.04
GMW-13	01/11/04	74.17	----	26.58	----	47.59
GMW-13	04/19/04	74.17	----	26.96	----	47.21
GMW-13	05/02/05	74.17	----	20.54	----	53.63
GMW-13	10/31/05	74.17	----	22.32	----	51.85
GMW-13	05/01/06	74.17	----	22.82	----	51.35
GMW-13	12/04/06	74.17	----	23.75	----	50.42
GMW-13	04/30/07	74.17	----	24.10	----	50.07
GMW-13	11/12/07	74.17	----	24.89	----	49.28
GMW-13	04/14/08	74.17	----	24.60	----	49.57
GMW-13	10/13/08	74.17	----	26.27	----	47.90
GMW-13	04/20/09	74.17	----	25.41	----	48.76
GMW-13	10/19/09	74.17	----	26.45	----	47.72
GMW-13	05/24/10	74.17	----	25.86	----	48.31
GMW-13	05/28/10	74.17	----	25.63	----	48.54

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	04/17/17	74.17	----	30.92	----	43.25
GMW-13	10/02/17	74.17	----	33.86	----	40.31
GMW-13	04/16/18	74.17	----	32.55	----	41.62
GMW-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-13	05/09/22	74.17	----	33.59	----	40.58
GMW-13	10/31/22	74.17	----	34.74	----	39.43
GMW-13	05/01/23	74.17	----	33.13	----	41.04
GMW-13	11/06/23	74.17	----	33.03	----	41.14
GMW-14	05/04/99	74.72	----	25.37	----	49.35
GMW-14	08/09/99	74.72	----	25.95	----	48.77
GMW-14	11/15/99	74.72	----	26.27	----	48.45
GMW-14	05/15/00	74.72	----	26.02	----	48.70
GMW-14	11/13/00	74.72	----	26.67	----	48.05
GMW-14	05/07/01	74.72	----	24.92	----	49.80
GMW-14	11/05/01	74.72	----	25.28	----	49.44
GMW-14	04/08/02	74.72	----	26.00	----	48.72
GMW-14	10/21/02	74.72	----	26.79	----	47.93
GMW-14	04/07/03	74.72	----	25.25	----	49.47
GMW-14	10/06/03	74.72	----	25.91	----	48.81
GMW-14	01/11/04	74.72	----	27.21	----	47.51
GMW-14	04/19/04	74.72	----	28.69	----	46.03
GMW-14	05/02/05	74.72	----	21.29	----	53.43
GMW-14	10/31/05	74.72	----	22.96	----	51.76
GMW-14	05/01/06	74.72	----	23.44	----	51.28

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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-14	Well decommissioned in December 2014 prior to remedial excavation					
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-14R	05/09/22	75.30	----	34.84	----	40.46
GMW-14R	10/31/22	75.30	----	36.53	----	38.77
GMW-14R	05/01/23	75.30	----	34.88	----	40.42
GMW-14R	11/06/23	75.30	----	35.12	----	40.18
GMW-15	05/28/96	76.21	28.71	29.16	0.45	NC
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	05/15/00	76.21	----	22.59	----	53.62
GMW-15	05/15/00	76.21	----	28.39	----	47.82
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/15	76.21	----	33.62	----	42.59
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-15	04/16/18	76.21	----	34.98	----	41.23
GMW-15	11/05/18	76.21	----	35.72	----	40.49
GMW-15	04/22/19	76.21	----	34.33	----	41.88
GMW-15	10/29/19	76.21	----	35.41	----	40.80
GMW-15	05/05/20	76.21	----	35.42	----	40.79
GMW-15	10/19/20	76.21	----	35.34	----	40.87
GMW-15	11/02/20	76.21	----	35.41	----	40.80
GMW-15	05/04/21	76.21	----	35.98	----	40.23
GMW-15	11/01/21	76.21	----	36.44	----	39.77
GMW-15	05/10/22	76.21	----	36.48	----	39.73
GMW-15	11/01/22	76.21	----	36.68	----	39.53
GMW-15	05/02/23	76.21	----	35.77	----	40.44
GMW-15	11/07/23	76.21	----	35.17	----	41.04
GMW-16	05/28/96	77.00	----	29.86	----	47.14
GMW-16	11/20/96	77.00	----	30.60	----	46.40
GMW-16	07/01/97	77.00	----	31.61	----	45.39
GMW-16	12/31/97	77.00	----	30.60	----	46.40
GMW-16	05/01/98	77.00	----	27.73	----	49.27
GMW-16	05/25/99	77.00	----	28.46	----	48.54
GMW-16	05/15/00	77.00	----	29.50	----	47.50
GMW-16	11/13/00	77.00	----	28.67	----	48.33
GMW-16	05/07/01	77.00	----	28.38	----	48.62
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-16	07/16/09	77.00	----	29.52	----	47.48
GMW-16	10/19/09	77.00	----	30.24	----	46.76
GMW-16	04/07/10	77.00	----	29.68	----	47.32
GMW-16	04/12/10	77.00	----	29.38	----	47.62
GMW-16	01/08/11	77.00	----	26.47	----	50.53
GMW-16	07/07/11	77.00	----	29.04	----	47.96
GMW-16	10/06/11	77.00	----	29.48	----	47.52
GMW-16	04/12/12	77.00	----	30.53	----	46.47
GMW-16	04/18/12	77.00	----	30.29	----	46.71
GMW-16	01/11/13	77.00	----	31.68	----	45.32
GMW-16	04/02/13	77.00	----	31.66	----	45.34
GMW-16	04/08/13	77.00	----	31.65	----	45.35
GMW-16	10/02/13	77.00	----	32.35	----	44.65
GMW-16	04/09/14	77.00	----	33.03	----	43.97
GMW-16	04/14/14	77.00	----	32.95	----	44.05
GMW-16	10/27/14	77.00	----	33.43	----	43.57
GMW-16	04/22/15	77.00	----	33.22	----	43.78
GMW-16	04/17/17	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	10/19/20	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-16	05/09/22	77.00	----	38.05	----	38.95
GMW-16	11/01/22	77.00	----	38.27	----	38.73
GMW-16	05/02/23	77.00	----	37.50	----	39.50
GMW-16	11/06/23	77.00	----	36.91	----	40.09
GMW-17	05/28/96	74.66	26.65	30.51	3.86	NC
GMW-17	11/20/96	74.66	27.27	31.79	4.52	NC
GMW-17	07/01/97	74.66	27.38	32.71	5.33	NC
GMW-17	12/31/97	74.66	26.92	32.74	5.82	NC
GMW-17	05/01/98	74.66	25.04	25.19	0.15	NC
GMW-17	05/25/99	74.66	----	27.06	----	47.60
GMW-17	05/15/00	74.66	25.13	25.18	0.05	NC
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	NC
GMW-17	10/21/02	74.66	----	27.67	----	46.99

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-17	04/07/03	74.66	----	26.60	----	48.06
GMW-17	10/06/03	74.66	----	26.60	----	48.06
GMW-17	04/19/04	74.66	----	25.58	----	49.08
GMW-17	11/01/04	74.66	----	27.51	----	47.15
GMW-17	02/28/05	74.66	----	22.85	----	51.81
GMW-17	05/02/05	74.66	----	21.23	----	53.43
GMW-17	03/06/06	74.66	----	23.76	----	50.90
GMW-17	05/01/06	74.66	----	23.75	----	50.91
GMW-17	08/26/06	74.66	----	24.36	----	50.30
GMW-17	12/01/06	74.66	----	24.86	----	49.80
GMW-17	03/21/07	74.66	----	25.04	----	49.62
GMW-17	04/30/07	74.66	----	25.23	----	49.43
GMW-17	08/28/07	74.66	----	25.42	----	49.24
GMW-17	11/12/07	74.66	----	25.63	----	49.03
GMW-17	02/05/08	74.66	----	26.25	----	48.41
GMW-17	04/11/08	74.66	----	25.10	----	49.56
GMW-17	07/24/08	74.66	----	25.91	----	48.75
GMW-17	10/14/08	74.66	----	26.35	----	48.31
GMW-17	02/10/09	74.66	----	27.05	----	47.61
GMW-17	04/20/09	74.66	----	26.00	----	48.66
GMW-17	07/16/09	74.66	----	27.15	----	47.51
GMW-17	10/19/09	74.66	----	27.51	----	47.15
GMW-17	04/08/10	74.66	----	25.92	----	48.74
GMW-17	04/12/10	74.66	----	25.83	----	48.83
GMW-17	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	Well decommissioned in December 2014 prior to remedial excavation					
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	10/28/19	77.79	----	37.97	----	39.82
GMW-17R	05/04/20	77.79	----	36.26	----	41.53
GMW-17R	10/19/20	77.79	----	36.95	----	40.84
GMW-17R	05/03/21	77.79	----	37.38	----	40.41

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-17R	11/01/21	77.79	----	38.19	----	39.60
GMW-17R	05/09/22	77.79	----	38.12	----	39.67
GMW-17R	10/31/22	77.79	----	35.68	----	42.11
GMW-17R	05/01/23	77.79	----	36.65	----	41.14
GMW-17R	11/06/23	77.79	----	37.05	----	40.74
GMW-18	11/20/96	75.36	28.40	32.50	4.10	NC
GMW-18	07/01/97	75.36	27.70	31.50	3.80	NC
GMW-18	12/31/97	75.36	28.01	32.08	4.07	NC
GMW-18	05/01/98	75.36	18.61	24.64	6.03	NC
GMW-18	05/25/99	75.36	25.77	29.48	3.71	NC
GMW-18	05/15/00	75.36	26.28	30.35	4.07	NC
GMW-18	11/18/00	75.36	----	28.77	----	46.59
GMW-18	05/07/01	75.36	24.80	29.70	4.90	NC
GMW-18	04/08/02	75.36	----	27.74	----	47.62
GMW-18	09/19/02	75.36	27.97	28.02	0.05	NC
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	NC
GMW-18	04/19/04	75.36	----	27.33	----	48.03
GMW-18	11/01/04	75.36	27.27	27.44	0.17	NC
GMW-18	02/28/05	75.36	23.85	23.87	0.02	NC
GMW-18	05/02/05	75.36	----	22.40	----	52.96
GMW-18	03/06/06	75.36	----	24.21	----	51.15
GMW-18	05/01/06	75.36	----	24.50	----	50.86
GMW-18	08/26/06	75.36	----	24.91	----	50.45
GMW-18	12/01/06	75.36	----	25.20	----	50.16
GMW-18	03/21/07	75.36	----	25.18	----	50.18
GMW-18	04/30/07	75.36	----	25.72	----	49.64
GMW-18	08/28/07	75.36	----	25.62	----	49.74
GMW-18	11/12/07	75.36	----	26.29	----	49.07
GMW-18	02/05/08	75.36	----	26.73	----	48.63
GMW-18	04/14/08	75.36	----	25.91	----	49.45
GMW-18	10/14/08	75.36	----	27.00	----	48.36
GMW-18	02/10/09	75.36	----	26.50	----	48.86
GMW-18	04/20/09	75.36	----	26.80	----	48.56
GMW-18	07/17/09	75.36	----	27.41	----	47.95
GMW-18	10/19/09	75.36	----	27.91	----	47.45
GMW-18	04/08/10	75.36	----	27.30	----	48.06
GMW-18	04/12/10	75.36	----	27.44	----	47.92
GMW-18	10/01/10	75.36	----	27.80	----	47.56
GMW-18	01/08/11	75.36	----	27.86	----	47.50
GMW-18	04/12/12	75.36	----	28.54	----	46.82
GMW-18	04/20/12	75.36	----	28.45	----	46.91

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-18	04/05/13	75.36	29.66	30.33	0.67	NC
GMW-18	04/08/13	75.36	29.64	30.21	0.57	NC
GMW-18	10/02/13	75.36	30.24	32.17	1.93	NC
GMW-18	04/07/14	75.36	30.95	33.15	2.20	NC
GMW-18	04/16/14	75.36	30.92	33.08	2.16	NC
GMW-18	10/27/14	75.36	-----	31.13	-----	44.23
GMW-18	04/20/15	75.36	-----	31.47	-----	43.89
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	36.29	36.30	0.01	NC
GMW-18	05/05/20	75.36	-----	35.60	-----	39.76
GMW-18	10/19/20	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-18	05/10/22	75.36	-----	36.70	-----	38.66
GMW-18	11/01/22	75.36	-----	36.21	-----	39.15
GMW-18	05/02/23	75.36	-----	35.90	-----	39.46
GMW-18	11/07/23	75.36	-----	35.59	-----	39.77
GMW-19	05/28/96	76.83	-----	30.39	-----	46.44
GMW-19	11/20/96	76.83	-----	30.39	-----	46.44
GMW-19	07/01/97	76.83	-----	29.82	-----	47.01
GMW-19	12/31/97	76.83	-----	30.08	-----	46.75
GMW-19	05/01/98	76.83	-----	26.97	-----	49.86
GMW-19	05/25/99	76.83	-----	28.00	-----	48.83
GMW-19	05/15/00	76.83	-----	28.85	-----	47.98
GMW-19	11/13/00	76.83	-----	28.21	-----	48.62
GMW-19	05/07/01	76.83	-----	27.44	-----	49.39
GMW-19	04/08/02	76.83	-----	29.08	-----	47.75
GMW-19	09/19/02	76.83	-----	28.63	-----	48.20
GMW-19	10/21/02	76.83	-----	29.22	-----	47.61
GMW-19	04/07/03	76.83	-----	28.58	-----	48.25
GMW-19	10/06/03	76.83	-----	28.45	-----	48.38
GMW-19	04/19/04	76.83	-----	29.44	-----	47.39
GMW-19	11/01/04	76.83	-----	27.92	-----	48.91
GMW-19	02/28/05	76.83	-----	25.69	-----	51.14
GMW-19	05/02/05	76.83	-----	24.47	-----	52.36
GMW-19	03/06/06	76.83	-----	26.32	-----	50.51
GMW-19	05/01/06	76.83	-----	26.24	-----	50.59

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	10/19/15	76.83	----	34.33	----	42.50
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	----	35.91	----	40.92
GMW-19	05/03/21	76.83	----	36.45	----	40.38
GMW-19	11/02/21	76.83	----	36.73	----	40.10
GMW-19	05/10/22	76.83	----	36.69	----	40.14
GMW-19	11/01/22	76.83	----	37.45	----	39.38
GMW-19	05/01/23	76.83	----	36.22	----	40.61
GMW-19	11/06/23	76.83	----	35.76	----	41.07

APPENDIX C
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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-20	05/28/96	75.10	----	27.65	----	47.45
GMW-20	11/20/96	75.10	----	28.53	----	46.57
GMW-20	07/01/97	75.10	----	28.26	----	46.84
GMW-20	12/31/97	75.10	----	28.23	----	46.87
GMW-20	05/01/98	75.10	----	25.50	----	49.60
GMW-20	05/25/99	75.10	----	26.25	----	48.85
GMW-20	05/15/00	75.10	----	26.95	----	48.15
GMW-20	11/13/00	75.10	----	27.56	----	47.54
GMW-20	05/07/01	75.10	----	25.75	----	49.35
GMW-20	08/07/01	75.10	25.55	26.67	1.12	NC
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	10/19/15	75.10	----	32.55	----	42.55
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	----	52.20
GMW-20	10/28/19	75.10	----	34.86	----	40.24
GMW-20	05/04/20	75.10	----	33.45	----	41.65
GMW-20	10/19/20	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-20	05/10/22	75.10	----	35.05	----	40.05

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-20	10/31/22	75.10	----	35.18	----	39.92
GMW-20	05/03/23	75.10	----	34.27	----	40.83
GMW-20	11/06/23	75.10	----	34.15	----	40.95
GMW-21	05/28/96	76.23	27.89	33.21	5.32	NC
GMW-21	11/20/96	76.23	28.95	33.05	4.10	NC
GMW-21	07/01/97	76.23	29.13	30.13	1.00	NC
GMW-21	04/08/02	76.23	----	28.84	----	47.39
GMW-21	10/06/03	76.23	27.90	28.17	0.27	NC
GMW-21	04/19/04	76.23	29.14	29.57	0.43	NC
GMW-21	11/01/04	76.23	28.68	28.91	0.23	NC
GMW-21	05/02/05	76.23	23.79	24.56	0.77	NC
GMW-21	05/01/06	76.23	25.21	26.99	1.78	NC
GMW-21	08/26/06	76.23	25.54	25.79	0.25	NC
GMW-21	12/01/06	76.23	25.99	27.83	1.84	NC
GMW-21	04/27/07	76.23	----	26.41	----	49.82
GMW-21	11/09/07	76.23	27.34	27.37	0.03	NC
GMW-21	02/05/08	76.23	----	27.79	----	48.44
GMW-21	10/13/08	76.23	----	28.18	----	48.05
GMW-21	02/09/09	76.23	----	27.48	----	48.75
GMW-21	07/17/09	76.23	----	28.40	----	47.83
GMW-21	04/07/10	76.23	----	28.81	----	47.42
GMW-21	01/06/11	76.23	----	26.85	----	49.38
GMW-21	04/06/11	76.23	----	27.78	----	48.45
GMW-21	07/07/11	76.23	----	27.95	----	48.28
GMW-21	10/06/11	76.23	----	28.41	----	47.82
GMW-21	04/12/12	76.23	----	29.48	----	46.75
GMW-21	01/10/13	76.23	30.43	31.90	1.47	NC
GMW-21	04/02/13	76.23	30.66	30.73	0.07	NC
GMW-21	04/08/13	76.23	30.56	31.05	0.49	NC
GMW-21	10/01/13	76.23	31.32	32.00	0.68	NC
GMW-21	04/07/14	76.23	32.21	32.26	0.05	NC
GMW-21	04/14/14	76.23	32.22	32.29	0.07	NC
GMW-21	10/27/14	76.23	----	32.52	----	43.71
GMW-21	04/20/15	76.23	----	32.82	----	43.41
GMW-21	10/20/15	76.23	33.48	33.49	0.01	NC
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	11/05/18	76.23	----	35.52	----	40.71
GMW-21	04/19/19	76.23	----	33.95	----	42.28

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-21	10/29/19	76.23	----	35.42	----	40.81
GMW-21	05/05/20	76.23	----	35.39	----	40.84
GMW-21	10/19/20	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-21	05/09/22	76.23	----	36.41	----	39.82
GMW-21	11/01/22	76.23	----	36.75	----	39.48
GMW-21	05/01/23	76.23	----	35.60	----	40.63
GMW-21	11/06/23	76.23	----	34.89	----	41.34
GMW-22	05/28/96	74.17	29.75	34.31	4.56	NC
GMW-22	11/20/96	74.17	29.78	33.02	3.24	NC
GMW-22	07/01/97	74.17	30.91	34.32	3.41	NC
GMW-22	12/31/97	74.17	29.98	33.75	3.77	NC
GMW-22	05/01/98	74.17	19.13	26.55	7.42	NC
GMW-22	05/15/00	74.17	26.45	30.67	4.22	NC
GMW-22	11/13/00	74.17	28.67	31.82	3.15	NC
GMW-22	05/07/01	74.17	27.88	32.30	4.42	NC
GMW-22	08/07/01	74.17	25.78	29.76	3.98	NC
GMW-22	11/05/01	74.17	25.95	31.05	5.10	NC
GMW-22	04/08/02	74.17	26.55	26.59	0.04	NC
GMW-22	05/02/05	74.17	23.09	26.46	3.37	NC
GMW-22	10/31/05	74.17	----	27.80	----	46.37
GMW-22	05/01/06	74.17	24.70	24.94	0.24	NC
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	NC
GMW-22	08/12/08	74.17	----	26.70	----	47.47
GMW-22	10/31/08	74.17	27.04	28.25	1.21	NC
GMW-22	11/04/08	74.17	----	26.97	----	47.20
GMW-22	04/21/09	74.17	27.20	27.30	0.10	NC
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	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	NC
GMW-22	04/14/14	77.24	32.30	35.59	3.29	NC
GMW-22	10/27/14	77.24	32.41	35.74	3.33	NC
GMW-22	04/20/15	77.24	32.84	36.64	3.80	NC
GMW-22	10/20/15	77.24	34.92	36.10	1.18	NC
GMW-22	04/11/16	77.24	35.50	38.59	3.09	NC
GMW-22	10/03/16	77.24	----	37.70	----	39.54

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-22	04/17/17	77.24	----	34.47	----	42.77
GMW-22	10/02/17	77.24	----	38.45	----	38.79
GMW-22	04/16/18	77.24	----	38.23	----	39.01
GMW-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-22	05/09/22	77.24	----	36.78	----	40.46
GMW-22	10/31/22	77.24	----	37.23	----	40.01
GMW-22	05/01/23	77.24	----	37.00	----	40.24
GMW-22	11/06/23	77.24	----	37.42	----	39.82
GMW-23	05/28/96	74.85	27.12	28.07	0.95	NC
GMW-23	11/20/96	74.85	26.66	28.42	1.76	NC
GMW-23	07/01/97	74.85	28.99	30.34	1.35	NC
GMW-23	12/31/97	74.85	28.04	28.92	0.88	NC
GMW-23	05/01/98	74.85	25.43	25.44	0.01	NC
GMW-23	05/04/99	74.85	26.65	27.09	0.44	NC
GMW-23	08/09/99	74.85	26.39	28.52	2.13	NC
GMW-23	11/15/99	74.85	26.79	29.60	2.81	NC
GMW-23	05/15/00	74.85	26.90	29.87	2.97	NC
GMW-23	11/13/00	74.85	27.00	31.18	4.18	NC
GMW-23	05/07/01	74.85	28.62	28.63	0.01	NC
GMW-23	08/07/01	74.85	25.54	26.07	0.53	NC
GMW-23	11/05/01	74.85	25.85	26.32	0.47	NC
GMW-23	04/08/02	74.85	26.40	26.81	0.41	NC
GMW-23	10/21/02	74.85	28.07	28.94	0.87	NC
GMW-23	04/07/03	74.85	26.67	26.70	0.03	NC
GMW-23	10/06/03	74.85	26.35	27.32	0.97	NC
GMW-23	04/19/04	74.85	26.94	26.95	0.01	NC
GMW-23	05/02/05	74.85	----	23.34	----	51.51
GMW-23	10/31/05	74.85	26.08	26.13	0.05	NC
GMW-23	05/01/06	74.85	----	23.99	----	50.86
GMW-23	12/04/06	74.85	----	24.82	----	50.03
GMW-23	04/30/07	74.85	----	24.98	----	49.87
GMW-23	11/12/07	74.85	----	25.41	----	49.44
GMW-23	04/14/08	74.85	----	25.62	----	49.23
GMW-23	10/13/08	74.85	----	26.21	----	48.64
GMW-23	04/20/09	74.85	----	26.29	----	48.56
GMW-23	10/19/09	74.85	----	27.51	----	47.34
GMW-23	05/24/10	74.85	----	27.32	----	47.53

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	NC
GMW-23	04/11/16	74.85	34.10	34.12	0.02	NC
GMW-23	10/03/16	74.85	----	36.15	----	38.70
GMW-23	04/17/17	74.85	31.91	33.40	1.49	NC
GMW-23	10/02/17	74.85	----	35.42	----	39.43
GMW-23	04/16/18	74.85	35.54	35.57	0.03	NC
GMW-23	11/05/18	74.85	36.18	36.20	0.02	NC
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	NC
GMW-23	11/02/20	74.85	33.05	36.90	3.85	NC
GMW-23	05/03/21	74.85	33.30	38.65	5.35	NC
GMW-23	11/01/21	74.85	34.74	38.57	3.83	NC
GMW-23	05/09/22	74.85	33.58	39.84	6.26	NC
GMW-23	10/31/22	74.85	33.54	40.77	7.23	NC
GMW-23	05/01/23	74.85	34.87	36.86	1.99	NC
GMW-23	11/06/23	74.85	35.19	37.70	2.51	NC
GMW-24	08/07/01	74.04	27.80	28.68	0.88	NC
GMW-24	05/02/05	74.04	25.49	25.70	0.21	NC
GMW-24	10/31/05	74.04	26.29	26.34	0.05	NC
GMW-24	05/01/06	74.04	26.07	27.29	1.22	NC
GMW-24	12/04/06	74.04	26.73	27.26	0.53	NC
GMW-24	04/30/07	74.04	----	27.07	----	46.97
GMW-24	11/12/07	74.04	27.46	27.50	0.04	NC
GMW-24	10/17/08	74.04	29.90	30.88	0.98	NC
GMW-24	10/21/08	74.04	28.30	29.64	1.34	NC
GMW-24	04/21/09	74.04	----	29.91	----	44.13
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	NC
GMW-24	06/14/13	77.48	32.40	33.35	0.95	NC

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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-24	10/07/13	77.48	31.61	35.42	3.81	NC
GMW-24	04/14/14	77.48	32.01	37.74	5.73	NC
GMW-24	07/03/14	77.48	33.04	39.60	6.56	NC
GMW-24	10/27/14	77.48	32.91	36.82	3.91	NC
GMW-24	04/20/15	77.48	33.82	36.29	2.47	NC
GMW-24	10/20/15	77.48	-----	35.44	-----	42.04
GMW-24	04/11/16	77.48	-----	37.10	-----	40.38
GMW-24	10/03/16	77.48	-----	39.31	-----	38.17
GMW-24	04/17/17	77.48	35.09	35.64	0.55	NC
GMW-24	10/02/17	77.48	-----	39.33	-----	38.15
GMW-24	04/16/18	77.48	-----	38.98	-----	38.50
GMW-24	11/05/18	77.48	38.19	38.63	0.44	NC
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-24	05/09/22	77.48	-----	37.50	-----	39.98
GMW-24	10/31/22	77.48	-----	37.52	-----	39.96
GMW-24	05/01/23	77.48	-----	38.03	-----	39.45
GMW-24	11/06/23	77.48	-----	40.00	-----	37.48
GMW-25	05/28/96	74.29	27.88	32.71	4.83	NC
GMW-25	11/20/96	74.29	27.75	31.91	4.16	NC
GMW-25	07/01/97	74.29	28.37	34.58	6.21	NC
GMW-25	12/31/97	74.29	27.86	33.59	5.73	NC
GMW-25	05/01/98	74.29	16.76	24.44	7.68	NC
GMW-25	05/04/99	74.29	26.58	30.40	3.82	NC
GMW-25	08/09/99	74.29	26.73	29.99	3.26	NC
GMW-25	11/15/99	74.29	27.75	28.95	1.20	NC
GMW-25	05/15/00	74.29	27.39	28.17	0.78	NC
GMW-25	11/13/00	74.29	27.97	29.52	1.55	NC
GMW-25	05/07/01	74.29	26.27	28.62	2.35	NC
GMW-25	08/07/01	74.29	25.73	28.14	2.41	NC
GMW-25	11/05/01	74.29	26.07	28.40	2.33	NC
GMW-25	04/08/02	74.29	27.00	27.07	0.07	NC
GMW-25	10/21/02	74.29	29.41	29.45	0.04	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	NC
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	NC

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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-25	08/12/08	74.29	----	27.81	----	46.48
GMW-25	10/17/08	74.29	----	28.26	----	46.03
GMW-25	04/21/09	74.29	----	28.35	----	45.94
GMW-25	10/19/09	74.29	----	30.28	----	44.01
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	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	NC
GMW-25	04/14/14	78.14	33.00	37.40	4.40	NC
GMW-25	10/27/14	78.14	33.95	34.78	0.83	NC
GMW-25	04/20/15	78.14	34.47	35.19	0.72	NC
GMW-25	10/20/15	78.14	35.38	35.40	0.02	NC
GMW-25	04/12/16	78.14	----	37.15	----	40.99
GMW-25	10/03/16	78.14	----	38.70	----	39.44
GMW-25	04/17/17	78.14	----	35.23	----	42.91
GMW-25	10/02/17	78.14	----	39.22	----	38.92
GMW-25	04/16/18	78.14	----	38.85	----	39.29
GMW-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-25	05/09/22	78.14	----	37.92	----	40.22
GMW-25	10/31/22	78.14	----	38.10	----	40.04
GMW-25	05/01/23	78.14	----	37.80	----	40.34
GMW-25	11/06/23	78.14	----	38.41	----	39.73
GMW-26	05/28/96	74.45	----	27.20	----	47.25
GMW-26	11/20/96	74.45	----	27.82	----	46.63
GMW-26	07/01/97	74.45	----	29.03	----	45.42
GMW-26	12/31/97	74.45	----	29.14	----	45.31
GMW-26	05/01/98	74.45	----	25.45	----	49.00
GMW-26	05/04/99	74.45	----	26.52	----	47.93
GMW-26	08/09/99	74.45	----	26.55	----	47.90
GMW-26	11/15/99	74.45	----	25.46	----	48.99
GMW-26	05/15/00	74.45	----	26.54	----	47.91
GMW-26	11/13/00	74.45	----	27.67	----	46.78
GMW-26	05/07/01	74.45	----	25.84	----	48.61
GMW-26	11/05/01	74.45	----	25.73	----	48.72

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-26	04/08/02	74.45	----	26.40	----	48.05
GMW-26	10/21/02	74.45	----	26.82	----	47.63
GMW-26	04/07/03	74.45	----	25.28	----	49.17
GMW-26	07/07/03	74.52	----	26.53	----	47.99
GMW-26	10/06/03	74.52	----	26.30	----	48.22
GMW-26	01/11/04	74.52	----	27.87	----	46.65
GMW-26	01/20/04	74.52	----	26.83	----	47.69
GMW-26	04/19/04	74.52	----	27.91	----	46.61
GMW-26	04/27/04	74.52	----	27.32	----	47.20
GMW-26	06/07/04	74.52	----	27.95	----	46.57
GMW-26	07/08/04	74.52	----	27.72	----	46.80
GMW-26	05/02/05	74.52	----	23.05	----	51.47
GMW-26	10/31/05	74.52	----	23.62	----	50.90
GMW-26	05/22/06	74.52	----	24.14	----	50.38
GMW-26	12/04/06	74.52	----	24.69	----	49.83
GMW-26	04/30/07	74.52	----	24.68	----	49.84
GMW-26	11/12/07	74.52	----	25.06	----	49.46
GMW-26	04/14/08	74.52	----	25.39	----	49.13
GMW-26	10/13/08	74.52	----	25.92	----	48.60
GMW-26	04/20/09	74.52	----	26.12	----	48.40
GMW-26	10/19/09	74.52	----	26.96	----	47.56
GMW-26	05/24/10	74.52	----	27.70	----	46.82
GMW-26	05/28/10	74.52	----	27.47	----	47.05
GMW-26	10/04/10	74.52	----	36.51	----	38.01
GMW-26	04/11/11	74.52	----	27.22	----	47.30
GMW-26	10/10/11	74.52	----	26.38	----	48.14
GMW-26	04/16/12	74.52	----	27.86	----	46.66
GMW-26	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	04/11/16	74.52	----	35.55	----	38.97
GMW-26	10/03/16	74.52	----	35.12	----	39.40
GMW-26	04/17/17	74.52	----	31.90	----	42.62
GMW-26	10/02/17	74.52	----	35.00	----	39.52
GMW-26	04/16/18	74.52	----	35.19	----	39.33
GMW-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

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GMW-26	05/03/21	74.52	----	34.08	----	40.44
GMW-26	11/01/21	74.52	----	34.93	----	39.59
GMW-26	05/09/22	74.52	----	34.26	----	40.26
GMW-26	10/31/22	74.52	----	34.50	----	40.02
GMW-26	05/01/23	74.52	----	33.85	----	40.67
GMW-26	11/06/23	74.52	----	35.40	----	39.12
GMW-27	05/28/96	74.39	----	27.00	----	47.39
GMW-27	12/31/97	74.39	27.76	28.43	0.67	NC
GMW-27	05/01/98	74.39	----	25.07	----	49.32
GMW-27	05/07/99	74.39	----	26.44	----	47.95
GMW-27	08/09/99	74.39	----	26.46	----	47.93
GMW-27	11/15/99	74.39	----	26.71	----	47.68
GMW-27	05/15/00	74.39	----	26.44	----	47.95
GMW-27	11/13/00	74.39	----	27.52	----	46.87
GMW-27	05/07/01	74.39	----	25.67	----	48.72
GMW-27	08/07/01	74.39	----	25.25	----	49.14
GMW-27	11/05/01	74.39	----	25.65	----	48.74
GMW-27	04/08/02	74.39	----	28.79	----	45.60
GMW-27	10/21/02	74.39	----	26.72	----	47.67
GMW-27	04/07/03	74.39	----	26.13	----	48.26
GMW-27	10/06/03	74.39	----	26.32	----	48.07
GMW-27	01/11/04	74.41	----	27.82	----	46.59
GMW-27	01/27/04	74.39	----	26.52	----	47.87
GMW-27	04/19/04	74.41	----	27.62	----	46.79
GMW-27	04/27/04	74.41	----	27.00	----	47.41
GMW-27	06/07/04	74.41	----	27.70	----	46.71
GMW-27	07/08/04	74.41	----	27.46	----	46.95
GMW-27	05/02/05	74.41	----	24.01	----	50.40
GMW-27	10/31/05	74.41	----	23.03	----	51.38
GMW-27	05/09/06	74.41	----	23.51	----	50.90
GMW-27	12/04/06	74.41	----	24.45	----	49.96
GMW-27	04/30/07	74.41	----	24.52	----	49.89
GMW-27	11/12/07	74.41	----	24.90	----	49.51
GMW-27	04/14/08	74.41	----	25.21	----	49.20
GMW-27	08/11/08	74.41	----	29.68	----	44.73
GMW-27	10/13/08	74.41	----	25.81	----	48.60
GMW-27	11/21/08	74.41	----	26.20	----	48.21
GMW-27	04/20/09	74.41	----	26.04	----	48.37
GMW-27	10/19/09	74.41	----	27.39	----	47.02
GMW-27	05/24/10	74.41	----	26.90	----	47.51
GMW-27	05/28/10	74.41	----	26.96	----	47.45
GMW-27	10/04/10	74.41	----	26.95	----	47.46
GMW-27	01/10/11	74.41	----	27.97	----	46.44

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-27	04/11/11	74.41	----	26.33	----	48.08
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-27	Well decommissioned in December 2014 prior to remedial excavation					
GMW-27R	10/02/17	77.15	----	37.68	----	39.47
GMW-28	05/28/96	74.62	----	27.22	----	47.40
GMW-28	11/20/96	74.62	----	27.86	----	46.76
GMW-28	07/01/97	74.62	----	29.03	----	45.59
GMW-28	12/31/97	74.62	28.00	28.65	0.65	NC
GMW-28	05/01/98	74.62	24.77	25.42	0.65	NC
GMW-28	08/09/99	74.62	----	26.64	----	47.98
GMW-28	11/15/99	74.62	----	26.80	----	47.82
GMW-28	11/13/00	74.62	----	27.50	----	47.12
GMW-28	08/07/01	74.62	----	25.47	----	49.15
GMW-28	11/05/01	74.62	----	25.85	----	48.77
GMW-28	04/08/02	74.62	----	26.21	----	48.41
GMW-28	10/21/02	74.62	----	26.96	----	47.66
GMW-28	04/07/03	74.62	----	26.35	----	48.27
GMW-28	07/07/03	74.68	----	26.43	----	48.25
GMW-28	10/06/03	74.62	----	26.31	----	48.31
GMW-28	01/11/04	74.68	----	27.68	----	47.00
GMW-28	01/20/04	74.68	----	26.85	----	47.83
GMW-28	04/19/04	74.68	----	27.58	----	47.10
GMW-28	04/27/04	74.68	----	27.13	----	47.55
GMW-28	06/07/04	74.68	----	27.70	----	46.98
GMW-28	07/08/04	74.68	----	27.59	----	47.09
GMW-28	05/02/05	74.68	----	23.71	----	50.97
GMW-28	10/31/05	74.68	----	25.16	----	49.52
GMW-28	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	----	31.16	----	43.52
GMW-28	10/27/14	74.68	----	30.60	----	44.08
GMW-28	04/20/15	74.68	----	31.23	----	43.45
GMW-28	10/19/15	74.68	----	32.00	----	42.68
GMW-28	04/11/16	74.68	----	34.10	----	40.58
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	04/16/18	74.68	----	35.77	----	38.91
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	05/03/21	74.68	----	34.14	----	40.54
GMW-28	11/01/21	74.68	----	35.09	----	39.59
GMW-28	05/09/22	74.68	----	34.48	----	40.20
GMW-28	10/31/22	74.68	----	34.46	----	40.22
GMW-28	05/01/23	74.68	----	34.30	----	40.38
GMW-28	11/06/23	74.68	----	35.98	----	38.70
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	NC
GMW-29	05/01/98	74.86	27.81	28.43	0.62	NC
GMW-29	05/04/99	74.86	----	31.35	----	43.51
GMW-29	08/09/99	74.86	----	28.90	----	45.96
GMW-29	11/13/00	74.86	----	31.30	----	43.56
GMW-29	11/13/00	74.86	----	28.51	----	46.35
GMW-29	05/07/01	74.86	----	28.64	----	46.22
GMW-29	05/10/01	74.86	----	28.43	----	46.43
GMW-29	08/07/01	74.86	----	28.25	----	46.61
GMW-29	11/05/01	74.86	----	28.46	----	46.40
GMW-29	04/08/02	74.86	----	26.54	----	48.32
GMW-29	10/21/02	74.86	----	26.98	----	47.88
GMW-29	04/07/03	74.86	----	29.20	----	45.66

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	----	28.31	----	49.26
GMW-29	04/14/08	77.57	----	29.46	----	48.11
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	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	NC
GMW-29	04/11/16	77.57	33.55	34.95	1.40	NC
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	NC
GMW-29	10/02/17	77.57	35.87	36.05	0.18	NC
GMW-29	04/16/18	77.57	----	36.14	----	41.43
GMW-29	11/05/18	77.57	35.62	35.68	0.06	NC
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	05/03/21	77.57	34.15	34.53	0.38	NC
GMW-29	11/01/21	77.57	35.21	35.66	0.45	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-29	05/09/22	77.57	34.48	35.25	0.77	NC
GMW-29	10/31/22	77.57	34.24	35.04	0.80	NC
GMW-29	05/01/23	77.57	34.39	34.47	0.08	NC
GMW-29	11/06/23	77.57	36.59	36.64	0.05	NC
GMW-30	05/28/96	74.91	26.69	29.41	2.72	NC
GMW-30	11/20/96	74.91	27.51	29.60	2.09	NC
GMW-30	07/01/97	74.91	28.96	30.32	1.36	NC
GMW-30	12/31/97	74.91	27.80	29.74	1.94	NC
GMW-30	05/01/98	74.91	19.11	24.27	5.16	NC
GMW-30	05/04/99	74.91	25.45	31.56	6.11	NC
GMW-30	08/09/99	74.91	25.76	30.10	4.34	NC
GMW-30	11/15/99	74.91	27.20	27.57	0.37	NC
GMW-30	05/15/00	74.91	27.27	27.60	0.33	NC
GMW-30	11/13/00	74.91	26.55	26.59	0.04	NC
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	NC
GMW-30	04/08/02	74.91	26.35	26.53	0.18	NC
GMW-30	10/21/02	74.91	27.32	27.51	0.19	NC
GMW-30	04/07/03	74.91	26.75	26.77	0.02	NC
GMW-30	10/06/03	74.91	26.45	26.51	0.06	NC
GMW-30	01/11/04	74.91	27.91	27.97	0.06	NC
GMW-30	04/19/04	74.91	27.49	27.60	0.11	NC
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	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	10/10/11	74.91	----	26.55	----	48.36
GMW-30	01/09/12	74.91	----	27.12	----	47.79
GMW-30	04/16/12	74.91	----	29.09	----	45.82
GMW-30	07/09/12	74.91	----	28.43	----	46.48

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
GMW-30	04/20/15	74.91	31.01	32.77	1.76	NC
GMW-30	10/19/15	74.91	31.80	32.92	1.12	NC
GMW-30	04/11/16	74.91	----	34.01	----	40.90
GMW-30	10/03/16	74.91	----	36.30	----	38.61
GMW-30	04/17/17	74.91	32.16	32.53	0.37	NC
GMW-30	10/02/17	74.91	----	36.21	----	38.70
GMW-30	04/16/18	74.91	----	36.05	----	38.86
GMW-30	11/05/18	74.91	35.73	35.75	0.02	NC
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	NC
GMW-30	11/01/21	74.91	35.53	35.73	0.20	NC
GMW-30	05/09/22	74.91	34.64	34.90	0.26	NC
GMW-30	10/31/22	74.91	34.49	34.72	0.23	NC
GMW-30	05/01/23	74.91	35.27	35.37	0.10	NC
GMW-30	11/06/23	74.91	36.88	36.93	0.05	NC
GMW-31	05/28/96	76.50	----	29.31	----	47.19
GMW-31	11/20/96	76.50	----	30.18	----	46.32
GMW-31	07/01/97	76.50	----	30.11	----	46.39
GMW-31	12/31/97	76.50	----	30.03	----	46.47
GMW-31	05/01/98	76.50	----	27.26	----	49.24
GMW-31	05/25/99	76.50	----	28.07	----	48.43
GMW-31	05/15/00	76.50	----	28.70	----	47.80
GMW-31	11/13/00	76.50	----	28.33	----	48.17
GMW-31	05/07/01	76.50	----	27.48	----	49.02
GMW-31	04/08/02	76.50	----	28.94	----	47.56
GMW-31	10/21/02	76.50	----	28.72	----	47.78
GMW-31	04/07/03	76.50	----	28.44	----	48.06
GMW-31	10/06/03	76.50	----	28.48	----	48.02
GMW-31	04/19/04	76.50	----	29.99	----	46.51
GMW-31	11/01/04	76.50	----	29.16	----	47.34
GMW-31	05/02/05	76.50	----	24.57	----	51.93
GMW-31	05/01/06	76.50	----	26.10	----	50.40
GMW-31	08/26/06	76.50	----	26.49	----	50.01
GMW-31	12/01/06	76.50	----	26.84	----	49.66

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-31	04/30/07	76.50	----	27.34	----	49.16
GMW-31	11/12/07	76.50	----	27.91	----	48.59
GMW-31	04/11/08	76.50	----	27.57	----	48.93
GMW-31	07/24/08	76.50	----	27.91	----	48.59
GMW-31	10/14/08	76.50	----	28.57	----	47.93
GMW-31	02/10/09	76.50	----	28.87	----	47.63
GMW-31	04/20/09	76.50	----	28.41	----	48.09
GMW-31	10/19/09	76.50	----	29.28	----	47.22
GMW-31	04/08/10	76.50	----	28.91	----	47.59
GMW-31	04/12/10	76.50	----	28.71	----	47.79
GMW-31	01/07/11	76.50	----	29.40	----	47.10
GMW-31	04/08/11	76.50	----	28.13	----	48.37
GMW-31	07/08/11	76.50	----	28.34	----	48.16
GMW-31	10/06/11	76.50	----	28.87	----	47.63
GMW-31	04/12/12	76.50	----	30.04	----	46.46
GMW-31	04/16/12	76.50	----	29.81	----	46.69
GMW-31	01/11/13	76.50	----	31.35	----	45.15
GMW-31	04/03/13	76.50	----	31.26	----	45.24
GMW-31	04/08/13	76.50	----	31.08	----	45.42
GMW-31	10/02/13	76.50	----	31.98	----	44.52
GMW-31	04/07/14	76.50	----	32.76	----	43.74
GMW-31	04/14/14	76.50	----	32.36	----	44.14
GMW-31	10/27/14	76.50	----	32.88	----	43.62
GMW-31	04/20/15	76.50	----	33.21	----	43.29
GMW-31	04/17/17	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	10/28/19	76.50	----	34.35	----	42.15
GMW-31	05/04/20	76.50	----	33.31	----	43.19
GMW-31	10/19/20	76.50	----	33.75	----	42.75
GMW-31	11/02/20	76.50	----	33.90	----	42.60
GMW-31	05/04/21	76.50	----	34.97	----	41.53
GMW-31	11/02/21	76.50	----	34.85	----	41.65
GMW-31	05/09/22	76.50	----	41.21	----	35.29
GMW-31	11/02/22	76.50	----	36.18	----	40.32
GMW-31	05/03/23	76.50	----	34.28	----	42.22
GMW-31	11/07/23	76.50	----	34.81	----	41.69
GMW-32	05/28/96	74.62	----	26.78	----	47.84
GMW-32	11/20/96	74.62	----	27.79	----	46.83
GMW-32	07/01/97	74.62	----	26.99	----	47.63
GMW-32	12/31/97	74.62	----	27.38	----	47.24
GMW-32	05/01/98	74.62	----	24.23	----	50.39

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-32	05/25/99	74.62	----	25.52	----	49.10
GMW-32	05/15/00	74.62	----	26.16	----	48.46
GMW-32	11/13/00	74.62	----	26.73	----	47.89
GMW-32	05/07/01	74.62	----	24.93	----	49.69
GMW-32	02/01/02	74.62	----	25.35	----	49.27
GMW-32	04/08/02	74.62	----	26.52	----	48.10
GMW-32	10/21/02	74.62	----	27.09	----	47.53
GMW-32	04/07/03	74.62	----	25.15	----	49.47
GMW-32	10/06/03	74.62	----	25.89	----	48.73
GMW-32	04/19/04	74.62	----	26.78	----	47.84
GMW-32	11/01/04	74.62	----	27.30	----	47.32
GMW-32	05/02/05	74.62	----	20.42	----	54.20
GMW-32	03/06/06	74.62	----	23.10	----	51.52
GMW-32	05/01/06	74.62	----	22.98	----	51.64
GMW-32	08/26/06	74.62	----	23.64	----	50.98
GMW-32	12/01/06	74.62	----	24.50	----	50.12
GMW-32	03/21/07	74.62	----	24.51	----	50.11
GMW-32	04/30/07	74.62	----	25.03	----	49.59
GMW-32	08/28/07	74.62	----	24.78	----	49.84
GMW-32	11/12/07	74.62	----	25.62	----	49.00
GMW-32	02/05/08	74.62	----	25.93	----	48.69
GMW-32	04/14/08	74.62	----	25.11	----	49.51
GMW-32	07/24/08	74.62	----	25.52	----	49.10
GMW-32	10/14/08	74.62	----	26.35	----	48.27
GMW-32	02/10/09	74.62	----	26.15	----	48.47
GMW-32	04/20/09	74.62	----	27.28	----	47.34
GMW-32	07/16/09	74.62	----	26.71	----	47.91
GMW-32	10/19/09	74.62	----	27.24	----	47.38
GMW-32	04/08/10	74.62	----	26.61	----	48.01
GMW-32	04/12/10	74.62	----	26.82	----	47.80
GMW-32	04/07/11	74.62	----	25.72	----	48.90
GMW-32	10/06/11	74.62	----	26.71	----	47.91
GMW-32	04/12/12	74.62	----	27.94	----	46.68
GMW-32	04/19/12	74.62	----	27.83	----	46.79
GMW-32	01/10/13	74.62	----	29.31	----	45.31
GMW-32	04/03/13	74.62	----	29.34	----	45.28
GMW-32	04/08/13	74.62	----	29.32	----	45.30
GMW-32	10/02/13	74.62	----	29.98	----	44.64
GMW-32	04/09/14	74.62	----	30.60	----	44.02
GMW-32	04/16/14	74.62	----	30.30	----	44.32
GMW-32	10/27/14	74.62	----	30.72	----	43.90
GMW-32	Well decommissioned in December 2014 prior to remedial excavation					
GMW-32R	10/03/17	76.93	dirt in well to 28.20 feet bgs			
GMW-32R	11/05/18	76.93	obstruction at 28.18 feet			

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-32R	10/29/19	76.93	obstruction at 28.16 feet			
GMW-32R	05/05/20	76.93	----	DRY	----	----
GMW-32R	10/19/20	76.93	obstruction at 28.18 feet			
GMW-32R	05/04/21	76.93	----	DRY	----	----
GMW-32R	11/03/21	76.93	obstruction at 28.19 feet			
GMW-32R	05/10/22	76.93	obstruction at 28.18 feet			
GMW-32R	11/01/22	76.93	obstruction at 28.15 feet			
GMW-32R	05/03/23	76.93	----	DRY	----	----
GMW-32R	11/08/23	76.93	obstruction at 28.62 feet			
GMW-33	05/28/96	74.88	----	27.02	----	47.86
GMW-33	11/20/96	74.88	----	27.97	----	46.91
GMW-33	07/01/97	74.88	----	26.84	----	48.04
GMW-33	12/31/97	74.88	----	27.52	----	47.36
GMW-33	05/01/98	74.88	----	24.08	----	50.80
GMW-33	05/25/99	74.88	----	25.62	----	49.26
GMW-33	05/15/00	74.88	----	26.50	----	48.38
GMW-33	11/13/00	74.88	----	26.90	----	47.98
GMW-33	05/07/01	74.88	----	25.18	----	49.70
GMW-33	02/01/02	74.88	----	25.32	----	49.56
GMW-33	04/08/02	74.88	----	26.55	----	48.33
GMW-33	10/21/02	74.88	----	27.15	----	47.73
GMW-33	04/07/03	74.88	----	26.22	----	48.66
GMW-33	10/06/03	74.88	----	26.06	----	48.82
GMW-33	04/19/04	74.88	----	28.89	----	45.99
GMW-33	11/01/04	74.88	----	27.47	----	47.41
GMW-33	05/02/05	74.88	----	21.50	----	53.38
GMW-33	03/06/06	74.88	----	23.94	----	50.94
GMW-33	05/01/06	74.88	----	23.90	----	50.98
GMW-33	08/26/06	74.88	----	24.38	----	50.50
GMW-33	12/01/06	74.88	----	24.90	----	49.98
GMW-33	03/21/07	74.88	----	25.61	----	49.27
GMW-33	04/30/07	74.88	----	25.44	----	49.44
GMW-33	08/28/07	74.88	----	25.94	----	48.94
GMW-33	11/12/07	74.88	----	25.97	----	48.91
GMW-33	02/05/08	74.88	----	26.87	----	48.01
GMW-33	04/11/08	74.88	----	25.58	----	49.30
GMW-33	07/24/08	74.88	----	26.11	----	48.77
GMW-33	10/13/08	74.88	----	26.93	----	47.95
GMW-33	02/10/09	74.88	----	27.05	----	47.83
GMW-33	07/16/09	74.88	----	27.41	----	47.47
GMW-33	04/07/10	74.88	----	26.82	----	48.06
GMW-33	10/01/10	74.88	----	27.43	----	47.45
GMW-33	04/18/17	74.88	----	DRY	----	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-33	10/03/17	74.88	dirt in well to 16.44 feet bgs			
GMW-33	11/05/18	74.88	obstruction at 17.00 feet			
GMW-33	10/28/19	74.88	obstruction at 16.26 feet			
GMW-33	05/04/20	74.88	----	DRY	----	----
GMW-33	10/19/20	74.88	obstruction at 16.23 feet			
GMW-33	05/03/21	74.88	----	DRY	----	----
GMW-33	11/02/21	74.88	obstruction at 16.25 feet			
GMW-33	05/10/22	74.88	obstruction at 16.19 feet			
GMW-33	10/31/22	74.88	obstruction at 16.15 feet			
GMW-33	05/02/23	74.88	----	DRY	----	----
GMW-33	11/06/23	74.88	obstruction at 15.05 feet			
GMW-34	05/28/96	75.25	26.83	30.96	4.13	NC
GMW-34	11/20/96	75.25	27.69	31.87	4.18	NC
GMW-34	07/01/97	75.25	28.10	32.06	3.96	NC
GMW-34	12/31/97	75.25	27.88	31.81	3.93	NC
GMW-34	05/01/98	75.25	25.66	25.92	0.26	NC
GMW-34	05/25/99	75.25	----	26.80	----	48.45
GMW-34	05/15/00	75.25	----	27.46	----	47.79
GMW-34	11/13/00	75.25	----	27.05	----	48.20
GMW-34	05/07/01	75.25	----	26.12	----	49.13
GMW-34	04/08/02	75.25	----	27.26	----	47.99
GMW-34	10/21/02	75.25	----	27.64	----	47.61
GMW-34	04/07/03	75.25	----	26.98	----	48.27
GMW-34	10/06/03	75.25	----	27.03	----	48.22
GMW-34	04/19/04	75.25	----	28.53	----	46.72
GMW-34	11/01/04	75.25	----	28.26	----	46.99
GMW-34	05/02/05	75.25	----	22.79	----	52.46
GMW-34	05/01/06	75.25	----	24.50	----	50.75
GMW-34	12/01/06	75.25	----	25.56	----	49.69
GMW-34	04/30/07	75.25	----	25.88	----	49.37
GMW-34	10/01/10	75.25	----	27.85	----	47.40
GMW-35	05/28/96	76.12	27.54	32.06	4.52	NC
GMW-35	11/20/96	76.12	28.69	33.01	4.32	NC
GMW-35	07/01/97	76.12	27.75	31.38	3.63	NC
GMW-35	12/31/97	76.12	28.10	32.18	4.08	NC
GMW-35	05/01/98	76.12	24.97	25.28	0.31	NC
GMW-35	05/25/99	76.12	26.93	27.65	0.72	NC
GMW-35	05/15/00	76.12	27.67	28.26	0.59	NC
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	NC

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-35	10/21/02	76.12	-----	29.03	-----	47.09
GMW-35	04/07/03	76.12	28.10	28.15	0.05	NC
GMW-35	10/06/03	76.12	-----	27.58	-----	48.54
GMW-35	04/19/04	76.12	28.46	28.49	0.03	NC
GMW-35	11/01/04	76.12	28.71	28.78	0.07	NC
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	NC
GMW-35	02/10/09	76.12	-----	27.70	-----	48.42
GMW-35	04/20/09	76.12	-----	28.94	-----	47.18
GMW-35	07/17/09	76.12	-----	28.12	-----	48.00
GMW-35	04/08/10	76.12	-----	27.07	-----	49.05
GMW-35	04/12/10	76.12	-----	28.41	-----	47.71
GMW-35	10/01/10	76.12	-----	28.73	-----	47.39
GMW-35	01/08/11	76.12	29.03	29.04	0.01	NC
GMW-35	04/12/12	76.12	29.44	29.51	0.07	NC
GMW-35	04/20/12	76.12	-----	29.38	-----	46.74
GMW-35	04/05/13	76.12	30.61	30.83	0.22	NC
GMW-35	04/08/13	76.12	30.58	30.80	0.22	NC
GMW-35	10/02/13	76.12	31.38	31.71	0.33	NC
GMW-35	04/09/14	76.12	31.95	31.97	0.02	NC
GMW-35	04/16/14	76.12	31.95	32.15	0.20	NC
GMW-35	10/27/14	76.12	32.16	32.18	0.02	NC
GMW-35	Well decommissioned in December 2014 prior to remedial excavation					
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	10/19/20	75.90	-----	34.69	-----	41.21
GMW-35R	11/02/20	75.90	-----	34.86	-----	41.04
GMW-35R	05/04/21	75.90	-----	39.12	-----	36.78
GMW-35R	11/02/21	75.90	-----	36.11	-----	39.79

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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-35R	05/10/22	75.90	----	35.51	----	40.39
GMW-35R	10/31/22	75.90	----	37.04	----	38.86
GMW-35R	05/02/23	75.90	----	35.27	----	40.63
GMW-35R	11/06/23	75.90	----	33.81	----	42.09
GMW-36	05/28/96	74.53	25.71	26.88	1.17	NC
GMW-36	11/20/96	74.53	26.56	26.82	0.26	NC
GMW-36	07/01/97	74.53	25.09	25.71	0.62	NC
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	NC
GMW-36	11/04/02	74.53	25.55	29.05	3.50	NC
GMW-36	01/27/03	74.53	26.75	28.02	1.27	NC
GMW-36	04/07/03	74.53	26.63	27.47	0.84	NC
GMW-36	05/02/05	74.53	20.03	21.23	1.20	NC
GMW-36	10/31/05	74.53	22.69	22.73	0.04	NC
GMW-36	05/01/06	74.53	22.80	22.91	0.11	NC
GMW-36	12/04/06	74.53	----	23.86	----	50.67
GMW-36	03/12/07	74.53	----	24.29	----	50.24
GMW-36	04/30/07	74.53	----	24.40	----	50.13
GMW-36	08/28/07	74.53	----	24.31	----	50.22
GMW-36	11/12/07	74.53	24.85	24.86	0.01	NC
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	NC
GMW-36	10/16/08	74.77	26.09	26.11	0.02	NC
GMW-36	04/20/09	74.53	25.59	25.63	0.04	NC
GMW-36	07/20/09	74.53	----	25.90	----	48.63
GMW-36	10/19/09	74.53	26.45	26.56	0.11	NC
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	NC

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-36	05/28/10	74.53	25.88	25.94	0.06	NC
GMW-36	06/22/10	74.53	25.91	25.94	0.03	NC
GMW-36	10/04/10	74.53	-----	26.90	-----	47.63
GMW-36	11/23/10	74.53	27.10	27.35	0.25	NC
GMW-36	12/22/10	74.53	26.84	28.35	1.51	NC
GMW-36	01/10/11	74.53	27.70	29.10	1.40	NC
GMW-36	04/12/11	74.53	25.05	26.98	1.93	NC
GMW-36	10/10/11	74.53	-----	25.96	-----	48.57
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	04/16/12	74.53	-----	27.34	-----	47.19
GMW-36	06/15/12	76.66	-----	33.27	-----	43.39
GMW-36	07/09/12	76.66	-----	33.71	-----	42.95
GMW-36	10/15/12	76.66	-----	32.11	-----	44.55
GMW-36	11/29/12	76.66	31.68	33.93	2.25	NC
GMW-36	12/26/12	76.66	30.36	34.86	4.50	NC
GMW-36	01/14/13	76.66	30.42	34.12	3.70	NC
GMW-36	04/10/13	76.66	29.75	32.42	2.67	NC
GMW-36	10/07/13	76.66	30.72	34.65	3.93	NC
GMW-36	04/25/14	76.66	31.12	34.71	3.59	NC
GMW-36	10/27/14	76.66	31.79	33.02	1.23	NC
GMW-36	04/20/15	76.66	32.20	33.64	1.44	NC
GMW-36	10/21/15	76.66	33.16	33.55	0.39	NC
GMW-36	04/12/16	76.66	34.03	34.30	0.27	NC
GMW-36	10/03/16	76.66	34.65	35.05	0.40	NC
GMW-36	04/17/17	76.66	-----	32.96	-----	43.70
GMW-36	10/02/17	76.66	-----	34.10	-----	42.56
GMW-36	04/16/18	76.66	-----	35.18	-----	41.48
GMW-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	34.84	34.86	0.02	NC
GMW-36	05/04/20	76.66	-----	31.03	-----	45.63
GMW-36	11/02/20	76.66	not gauged due to heavy slime/sludge			
GMW-36	05/03/21	76.66	-----	30.69	-----	45.97
GMW-36	11/01/21	76.66	-----	37.95	-----	38.71
GMW-36	05/09/22	76.66	-----	31.87	-----	44.79
GMW-36	10/31/22	76.66	-----	33.34	-----	43.32
GMW-36	05/01/23	76.66	-----	31.23	-----	45.43
GMW-36	11/06/23	76.66	-----	31.00	-----	45.66
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/10/11	77.32	----	29.00	----	48.32
GMW-37	01/09/12	77.32	----	29.72	----	47.60
GMW-37	04/16/12	77.32	----	30.10	----	47.22
GMW-37	07/09/12	77.32	----	30.86	----	46.46
GMW-37	10/15/12	77.32	----	30.90	----	46.42

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	----	32.57	----	44.75
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	04/17/17	77.32	----	33.68	----	43.64
GMW-37	10/02/17	77.32	----	35.53	----	41.79
GMW-37	04/16/18	77.32	----	36.45	----	40.87
GMW-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-37	05/09/22	77.32	----	36.67	----	40.65
GMW-38	05/28/96	75.47	----	27.15	----	48.32
GMW-38	11/20/96	75.47	----	28.09	----	47.38
GMW-38	05/03/99	75.47	----	26.08	----	49.39
GMW-38	08/09/99	75.47	----	26.42	----	49.05
GMW-38	11/15/99	75.47	----	26.97	----	48.50
GMW-38	05/15/00	75.47	----	26.53	----	48.94
GMW-38	11/13/00	75.47	----	27.24	----	48.23
GMW-38	05/07/01	75.47	----	25.14	----	50.33
GMW-38	11/05/01	75.47	----	25.84	----	49.63
GMW-38	02/01/02	75.47	----	25.91	----	49.56
GMW-38	04/08/02	75.47	----	26.52	----	48.95
GMW-38	10/21/02	75.47	----	27.39	----	48.08
GMW-38	01/27/03	75.47	----	27.05	----	48.42
GMW-38	04/07/03	75.47	----	26.47	----	49.00
GMW-38	07/31/03	75.47	----	26.26	----	49.21
GMW-38	10/06/03	75.47	----	26.51	----	48.96
GMW-38	01/11/04	75.47	----	27.91	----	47.56
GMW-38	01/27/04	75.47	----	27.04	----	48.43
GMW-38	04/19/04	75.47	----	27.15	----	48.32
GMW-38	07/19/04	75.47	----	27.26	----	48.21
GMW-38	02/01/05	75.47	----	25.99	----	49.48
GMW-38	05/02/05	75.47	----	28.53	----	46.94
GMW-38	08/01/05	75.47	----	22.91	----	52.56

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-38	10/31/05	75.47	----	23.65	----	51.82
GMW-38	02/27/06	75.47	----	24.04	----	51.43
GMW-38	05/01/06	75.47	----	24.09	----	51.38
GMW-38	09/18/06	75.47	----	24.85	----	50.62
GMW-38	12/04/06	75.47	----	25.07	----	50.40
GMW-38	03/12/07	75.47	----	25.48	----	49.99
GMW-38	04/30/07	75.47	----	25.42	----	50.05
GMW-38	08/28/07	75.47	----	25.29	----	50.18
GMW-38	11/12/07	75.47	----	25.89	----	49.58
GMW-38	04/14/08	75.47	----	25.81	----	49.66
GMW-38	10/13/08	75.47	----	26.72	----	48.75
GMW-38	04/20/09	75.47	----	27.05	----	48.42
GMW-38	07/20/09	75.47	----	27.21	----	48.26
GMW-38	10/19/09	75.47	----	27.78	----	47.69
GMW-38	03/15/10	75.47	----	27.92	----	47.55
GMW-38	05/24/10	75.47	----	27.50	----	47.97
GMW-38	05/28/10	75.47	----	27.40	----	48.07
GMW-38	10/04/10	75.47	----	27.77	----	47.70
GMW-38	01/10/11	75.47	----	28.00	----	47.47
GMW-38	04/11/11	75.47	----	26.49	----	48.98
GMW-38	07/11/11	75.47	----	26.83	----	48.64
GMW-38	10/10/11	75.47	----	27.28	----	48.19
GMW-38	01/09/12	75.47	----	27.90	----	47.57
GMW-38	04/16/12	75.47	----	28.32	----	47.15
GMW-38	07/09/12	75.47	----	28.97	----	46.50
GMW-38	10/15/12	75.47	----	29.75	----	45.72
GMW-38	01/14/13	75.47	----	30.18	----	45.29
GMW-38	04/08/13	75.47	----	30.07	----	45.40
GMW-38	10/07/13	75.47	----	30.31	----	45.16
GMW-38	04/14/14	75.47	----	30.76	----	44.71
GMW-38	10/27/14	75.47	----	31.16	----	44.31
GMW-38	04/20/15	75.47	----	31.59	----	43.88
GMW-38	10/19/15	75.47	----	32.33	----	43.14
GMW-38	04/11/16	75.47	----	33.45	----	42.02
GMW-38	10/03/16	75.47	----	34.10	----	41.37
GMW-38	04/17/17	75.47	----	31.83	----	43.64
GMW-38	10/02/17	75.47	----	33.55	----	41.92
GMW-38	04/16/18	75.47	----	34.55	----	40.92
GMW-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-38	11/01/21	75.47	----	36.75	----	38.72
GMW-38	05/09/22	75.47	----	34.86	----	40.61
GMW-39	05/28/96	75.05	----	26.67	----	48.38
GMW-39	11/20/96	75.05	----	27.68	----	47.37
GMW-39	05/03/99	75.05	----	25.50	----	49.55
GMW-39	08/09/99	75.05	----	25.99	----	49.06
GMW-39	11/15/99	75.05	----	26.52	----	48.53
GMW-39	05/15/00	75.05	----	25.95	----	49.10
GMW-39	11/13/00	75.05	----	26.88	----	48.17
GMW-39	05/07/01	75.05	----	24.64	----	50.41
GMW-39	11/05/01	75.05	----	25.28	----	49.77
GMW-39	02/01/02	75.05	----	25.20	----	49.85
GMW-39	04/08/02	75.05	----	26.11	----	48.94
GMW-39	10/21/02	75.05	----	27.19	----	47.86
GMW-39	01/27/03	75.05	----	26.67	----	48.38
GMW-39	04/07/03	75.05	----	26.05	----	49.00
GMW-39	07/31/03	75.05	----	25.79	----	49.26
GMW-39	10/06/03	75.05	----	26.04	----	49.01
GMW-39	01/11/04	75.05	----	27.54	----	47.51
GMW-39	01/27/04	75.05	----	26.63	----	48.42
GMW-39	04/19/04	75.05	----	26.04	----	49.01
GMW-39	07/19/04	75.05	----	26.78	----	48.27
GMW-39	02/01/05	75.05	----	25.41	----	49.64
GMW-39	05/02/05	75.05	----	20.34	----	54.71
GMW-39	08/01/05	75.05	----	22.23	----	52.82
GMW-39	10/31/05	75.05	----	22.90	----	52.15
GMW-39	02/27/06	75.05	----	23.48	----	51.57
GMW-39	05/01/06	75.05	----	23.60	----	51.45
GMW-39	09/18/06	75.05	----	24.37	----	50.68
GMW-39	12/04/06	75.05	----	24.64	----	50.41
GMW-39	03/12/07	75.05	----	25.12	----	49.93
GMW-39	04/30/07	75.05	----	25.12	----	49.93
GMW-39	08/28/07	75.05	----	25.15	----	49.90
GMW-39	11/12/07	75.05	----	25.62	----	49.43
GMW-39	02/19/08	75.05	----	25.91	----	49.14
GMW-39	04/14/08	75.05	----	25.44	----	49.61
GMW-39	08/11/08	75.05	----	26.21	----	48.84
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/20/15	75.05	----	31.04	----	44.01
GMW-39	10/19/15	75.05	----	31.87	----	43.18
GMW-39	04/11/16	75.05	----	32.80	----	42.25
GMW-39	10/03/16	75.05	----	33.20	----	41.85
GMW-39	04/17/17	75.05	----	31.57	----	43.48
GMW-39	10/02/17	75.05	----	32.82	----	42.23
GMW-39	04/16/18	75.05	----	33.90	----	41.15
GMW-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-39	05/09/22	75.05	----	34.37	----	40.68
GMW-39	10/31/22	74.06	----	34.12	----	39.94
GMW-39	05/01/23	75.05	----	32.21	----	42.84
GMW-39	11/06/23	74.06	----	31.80	----	42.26
GMW-40	05/28/96	73.13	----	26.00	----	47.13
GMW-40	11/20/96	73.13	----	26.74	----	46.39
GMW-40	07/01/97	73.13	----	27.43	----	45.70
GMW-40	12/31/97	73.13	----	26.66	----	46.47
GMW-40	05/01/98	73.13	----	24.03	----	49.10
GMW-40	05/25/99	73.13	----	24.84	----	48.29
GMW-40	05/15/00	73.13	----	25.65	----	47.48
GMW-40	11/13/00	73.13	----	26.21	----	46.92
GMW-40	05/07/01	73.13	----	24.26	----	48.87
GMW-40	04/08/02	73.13	----	25.14	----	47.99
GMW-40	10/21/02	73.13	----	25.49	----	47.64

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/10/11	73.13	----	25.13	----	48.00
GMW-40	04/12/12	73.13	----	26.48	----	46.65
GMW-40	10/02/13	73.13	----	28.57	----	44.56
GMW-40	04/07/14	73.13	----	30.24	----	42.89
GMW-40	04/14/14	73.13	----	29.92	----	43.21
GMW-40	10/27/14	73.13	----	30.03	----	43.10
GMW-40	04/20/15	73.13	----	30.46	----	42.67
GMW-40	10/03/16	73.13	----	34.98	----	38.15
GMW-40	04/20/17	73.13	----	32.80	----	40.33
GMW-40	10/31/22	NS	unable to locate well			
GMW-40	05/02/23	NS	unable to locate well			
GMW-40	11/08/23	NS	unable to locate well			
GMW-41	05/28/96	74.46	----	27.01	----	47.45
GMW-41	11/20/96	74.46	----	27.92	----	46.54
GMW-41	07/01/97	74.46	----	28.31	----	46.15
GMW-41	12/31/97	74.46	----	27.81	----	46.65
GMW-41	05/01/98	74.46	----	25.10	----	49.36
GMW-41	05/25/99	74.46	----	26.02	----	48.44
GMW-41	05/15/00	74.46	----	26.69	----	47.77
GMW-41	11/13/00	74.46	----	27.32	----	47.14
GMW-41	05/07/01	74.46	----	25.45	----	49.01
GMW-41	04/08/02	74.46	----	26.36	----	48.10
GMW-41	10/21/02	74.46	----	26.85	----	47.61
GMW-41	04/07/03	74.46	----	26.15	----	48.31
GMW-41	10/06/03	74.46	----	26.22	----	48.24

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
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	07/08/11	74.46	----	26.01	----	48.45	
GMW-41	10/06/11	74.46	----	26.61	----	47.85	
GMW-41	10/10/11	74.46	----	26.53	----	47.93	
GMW-41	04/12/12	74.46	----	27.77	----	46.69	
GMW-41	04/16/12	74.46	----	27.54	----	46.92	
GMW-41	01/11/13	74.46	----	29.47	----	44.99	
GMW-41	04/03/13	74.46	----	29.29	----	45.17	
GMW-41	04/08/13	74.46	----	29.16	----	45.30	
GMW-41	10/02/13	74.46	----	29.89	----	44.57	
GMW-41	04/07/14	74.46	31.05	31.07	0.02	NC	
GMW-41	04/15/14	74.46	31.05	31.14	0.09	NC	
GMW-41	10/27/14	74.46	----	30.78	----	43.68	
GMW-41	04/20/15	74.46	----	31.22	----	43.24	
GMW-41	10/03/16	74.46	----	35.97	----	38.49	
GMW-41	04/17/17	74.46	----	29.79	----	44.67	
GMW-41	10/03/17	72.69	well full of mud				
GMW-41	04/16/18	72.69	----	32.79	----	39.90	
GMW-41	11/05/18	72.69	----	33.12	----	39.57	
GMW-41	10/28/19	72.69	----	33.07	----	39.62	
GMW-41	05/04/20	72.69	----	31.11	----	41.58	
GMW-41	10/19/20	72.69	----	31.99	----	40.70	
GMW-41	05/03/21	72.69	----	32.34	----	40.35	
GMW-41	11/01/21	72.69	----	33.38	----	39.31	
GMW-41	05/10/22	72.69	----	33.05	----	39.64	
GMW-41	11/01/22	72.69	----	33.66	----	39.03	
GMW-41	05/01/23	72.69	----	31.43	----	41.26	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-41	11/06/23	72.69	----	32.70	----	39.99
GMW-42	05/28/96	75.50	27.89	29.36	1.47	NC
GMW-42	11/20/96	75.50	28.87	29.55	0.68	NC
GMW-42	07/01/97	75.50	29.06	29.52	0.46	NC
GMW-42	12/31/97	75.50	----	28.87	----	46.63
GMW-42	05/01/98	75.50	----	26.18	----	49.32
GMW-42	05/25/99	75.50	----	26.99	----	48.51
GMW-42	05/15/00	75.50	----	27.54	----	47.96
GMW-42	11/13/00	75.50	----	28.32	----	47.18
GMW-42	05/07/01	75.50	----	26.25	----	49.25
GMW-42	04/08/02	75.50	----	27.57	----	47.93
GMW-42	10/21/02	75.50	----	27.96	----	47.54
GMW-42	04/07/03	75.50	----	27.25	----	48.25
GMW-42	10/06/03	75.50	----	27.30	----	48.20
GMW-42	04/19/04	75.50	----	28.78	----	46.72
GMW-42	11/01/04	75.50	----	28.40	----	47.10
GMW-42	05/03/05	75.50	----	22.32	----	53.18
GMW-42	05/01/06	75.50	----	24.46	----	51.04
GMW-42	12/01/06	75.50	----	23.51	----	51.99
GMW-42	04/30/07	75.50	----	26.07	----	49.43
GMW-42	11/12/07	75.50	----	26.38	----	49.12
GMW-42	04/11/08	75.50	----	25.95	----	49.55
GMW-42	10/16/08	75.50	----	26.92	----	48.58
GMW-42	04/07/10	75.50	----	27.60	----	47.90
GMW-42	10/01/10	75.50	----	28.13	----	47.37
GMW-42	01/08/11	75.50	----	28.03	----	47.47
GMW-42	04/12/12	75.50	----	28.88	----	46.62
GMW-42	10/02/13	75.50	----	30.99	----	44.51
GMW-42	04/07/14	75.50	----	31.98	----	43.52
GMW-42	04/14/14	75.50	----	31.42	----	44.08
GMW-42	10/27/14	75.50	----	31.93	----	43.57
GMW-42	04/20/15	75.50	----	32.21	----	43.29
GMW-42	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	10/28/19	75.50	----	35.69	----	39.81
GMW-42	05/04/20	75.50	----	34.23	----	41.27
GMW-42	10/19/20	75.50	----	34.74	----	40.76
GMW-42	05/03/21	75.50	----	35.20	----	40.30
GMW-42	11/01/21	75.50	----	36.24	----	39.26
GMW-42	05/09/22	75.50	----	36.00	----	39.50
GMW-42	10/31/22	75.50	----	32.50	----	43.00
GMW-42	05/01/23	75.50	----	34.42	----	41.08

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-42	11/06/23	75.50	----	35.54	----	39.96
GMW-43	05/28/96	74.44	----	27.03	----	47.41
GMW-43	11/20/96	74.44	----	28.03	----	46.41
GMW-43	07/01/97	74.44	----	27.66	----	46.78
GMW-43	12/31/97	74.44	----	27.70	----	46.74
GMW-43	05/01/98	74.44	----	24.93	----	49.51
GMW-43	05/25/99	74.44	----	25.72	----	48.72
GMW-43	05/15/00	74.44	----	26.41	----	48.03
GMW-43	11/13/00	74.44	----	26.97	----	47.47
GMW-43	05/07/01	74.44	----	25.11	----	49.33
GMW-43	04/08/02	74.44	----	26.70	----	47.74
GMW-43	10/21/02	74.44	----	26.66	----	47.78
GMW-43	04/07/03	74.44	----	26.00	----	48.44
GMW-43	10/06/03	74.44	----	26.12	----	48.32
GMW-43	04/19/04	74.44	----	27.40	----	47.04
GMW-43	11/03/04	74.44	----	26.63	----	47.81
GMW-43	05/02/05	74.44	----	21.03	----	53.41
GMW-43	05/01/06	74.44	----	23.36	----	51.08
GMW-43	12/01/06	74.44	----	24.59	----	49.85
GMW-43	04/30/07	74.44	----	25.00	----	49.44
GMW-43	11/12/07	74.44	----	25.60	----	48.84
GMW-43	04/14/08	74.44	----	25.17	----	49.27
GMW-43	07/24/08	74.44	----	25.77	----	48.67
GMW-43	10/14/08	74.44	----	26.34	----	48.10
GMW-43	02/10/09	74.44	----	26.79	----	47.65
GMW-43	04/20/09	74.44	----	27.11	----	47.33
GMW-43	10/19/09	74.44	----	27.31	----	47.13
GMW-43	04/08/10	74.44	----	26.52	----	47.92
GMW-43	04/12/10	74.44	----	26.24	----	48.20
GMW-43	01/08/11	74.44	----	26.95	----	47.49
GMW-43	04/07/11	74.44	----	25.76	----	48.68
GMW-43	07/08/11	74.44	----	26.10	----	48.34
GMW-43	10/06/11	74.44	----	26.65	----	47.79
GMW-43	04/12/12	74.44	----	27.86	----	46.58
GMW-43	04/16/12	74.44	----	27.74	----	46.70
GMW-43	01/10/13	74.44	----	29.27	----	45.17
GMW-43	04/03/13	74.44	----	29.24	----	45.20
GMW-43	04/08/13	74.44	----	29.11	----	45.33
GMW-43	10/02/13	74.44	----	30.00	----	44.44
GMW-43	04/07/14	74.44	----	30.81	----	43.63
GMW-43	04/14/14	74.44	----	30.42	----	44.02
GMW-43	10/27/14	74.44	----	30.87	----	43.57
GMW-43	04/20/15	74.44	----	31.24	----	43.20

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-43	04/17/17	74.44	----	31.42	----	43.02
GMW-43	10/03/17	76.07	well full of mud			
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	10/19/20	76.07	----	35.04	----	41.03
GMW-43	05/04/21	76.07	----	35.44	----	40.63
GMW-43	05/04/21	76.07	----	35.44	----	40.63
GMW-43	11/02/21	76.07	----	35.93	----	40.14
GMW-43	05/10/22	76.07	----	36.09	----	39.98
GMW-43	10/31/22	76.07	----	36.75	----	39.32
GMW-43	05/01/23	76.07	----	35.16	----	40.91
GMW-43	11/07/23	76.07	----	35.52	----	40.55
GMW-44	05/28/96	74.45	----	27.19	----	47.26
GMW-44	11/20/96	74.45	----	28.29	----	46.16
GMW-44	07/01/97	74.45	----	27.75	----	46.70
GMW-44	12/31/97	74.45	----	27.90	----	46.55
GMW-44	05/01/98	74.45	----	25.13	----	49.32
GMW-44	05/25/99	74.45	----	25.88	----	48.57
GMW-44	05/15/00	74.45	----	26.63	----	47.82
GMW-44	11/13/00	74.45	----	27.16	----	47.29
GMW-44	05/07/01	74.45	----	25.38	----	49.07
GMW-44	04/08/02	74.45	----	26.70	----	47.75
GMW-44	10/21/02	74.45	----	26.88	----	47.57
GMW-44	04/07/03	74.45	----	26.30	----	48.15
GMW-44	10/06/03	74.45	----	26.29	----	48.16
GMW-44	04/19/04	74.45	----	28.45	----	46.00
GMW-44	05/02/05	74.45	----	22.00	----	52.45
GMW-44	11/03/05	74.45	----	27.21	----	47.24
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-44	01/07/11	74.45	----	27.47	----	46.98
GMW-44	04/08/11	74.45	----	26.05	----	48.40
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	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	10/19/20	75.71	----	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-44	05/09/22	75.71	----	35.62	----	40.09
GMW-44	10/31/22	75.71	----	36.14	----	39.57
GMW-44	05/01/23	75.71	----	34.78	----	40.93
GMW-44	11/06/23	75.71	----	34.05	----	41.66
GMW-45	05/28/96	75.67	----	28.30	----	47.37
GMW-45	11/20/96	75.67	----	29.21	----	46.46
GMW-45	07/01/97	75.67	----	28.32	----	47.35
GMW-45	12/31/97	75.67	----	28.81	----	46.86
GMW-45	05/01/98	75.67	----	25.75	----	49.92
GMW-45	05/25/99	75.67	----	26.74	----	48.93
GMW-45	05/15/00	75.67	----	27.68	----	47.99
GMW-45	11/13/00	75.67	----	28.02	----	47.65
GMW-45	05/07/01	75.67	----	28.65	----	47.02
GMW-45	04/08/02	75.67	----	27.92	----	47.75
GMW-45	10/21/02	75.67	----	28.33	----	47.34
GMW-45	04/07/03	75.67	----	27.50	----	48.17
GMW-45	10/06/03	75.67	----	27.26	----	48.41
GMW-45	04/19/04	75.67	----	28.17	----	47.50
GMW-45	11/01/04	75.67	----	28.35	----	47.32

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-45	05/02/05	75.67	----	23.15	----	52.52
GMW-45	03/06/06	75.67	----	25.21	----	50.46
GMW-45	05/01/06	75.67	----	25.15	----	50.52
GMW-45	08/26/06	75.67	----	25.53	----	50.14
GMW-45	12/01/06	75.67	----	25.96	----	49.71
GMW-45	03/21/07	75.67	----	26.09	----	49.58
GMW-45	04/27/07	75.67	----	26.48	----	49.19
GMW-45	08/28/07	75.67	----	26.42	----	49.25
GMW-45	11/12/07	75.67	----	26.94	----	48.73
GMW-45	02/05/08	74.45	----	27.52	----	46.93
GMW-45	04/11/08	75.67	----	26.76	----	48.91
GMW-45	07/24/08	75.67	----	27.27	----	48.40
GMW-45	10/13/08	75.67	----	27.95	----	47.72
GMW-45	02/09/09	74.45	----	27.68	----	46.77
GMW-45	04/20/09	75.67	----	27.58	----	48.09
GMW-45	07/16/09	75.67	----	27.91	----	47.76
GMW-45	10/19/09	75.67	----	28.54	----	47.13
GMW-45	04/07/10	75.67	----	28.22	----	47.45
GMW-45	04/12/10	75.67	----	27.85	----	47.82
GMW-45	01/06/11	75.67	----	28.75	----	46.92
GMW-45	04/07/11	75.67	----	27.38	----	48.29
GMW-45	07/07/11	75.67	----	27.63	----	48.04
GMW-45	10/07/11	75.67	----	28.22	----	47.45
GMW-45	04/12/12	75.67	----	29.30	----	46.37
GMW-45	04/19/12	75.67	----	29.02	----	46.65
GMW-45	01/10/13	75.67	----	30.35	----	45.32
GMW-45	04/02/13	75.67	----	30.34	----	45.33
GMW-45	04/08/13	75.67	----	30.29	----	45.38
GMW-45	10/01/13	75.67	31.07	31.09	0.02	NC
GMW-45	04/09/14	75.67	31.67	31.69	0.02	NC
GMW-45	04/15/14	75.67	31.68	31.95	0.27	NC
GMW-45	10/27/14	75.67	----	32.01	----	43.66
GMW-45	04/20/15	75.67	32.31	32.33	0.02	NC
GMW-45	10/03/16	ns	----	34.60	----	NC
GMW-45	04/19/17	75.67	33.30	34.72	1.42	NC
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	10/19/20	75.67	----	34.02	----	41.65
GMW-45	05/04/21	75.67	----	34.42	----	41.25

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-45	11/02/21	75.67	----	34.27	----	41.40
GMW-45	05/11/22	75.67	----	34.63	----	41.04
GMW-45	11/01/22	75.67	----	35.45	----	40.22
GMW-45	05/02/23	75.67	----	34.78	----	40.89
GMW-45	11/06/23	75.67	----	32.60	----	43.07
GMW-46	08/26/06	76.10	----	24.72	----	51.38
GMW-46	08/28/07	75.31	----	25.89	----	49.42
GMW-47	05/28/96	75.98	----	28.45	----	47.53
GMW-47	11/20/96	75.98	----	29.43	----	46.55
GMW-47	07/01/97	75.98	----	28.34	----	47.64
GMW-47	12/31/97	75.98	----	28.90	----	47.08
GMW-47	05/01/98	75.98	----	25.79	----	50.19
GMW-47	05/25/99	75.98	----	26.91	----	49.07
GMW-47	05/15/00	75.98	----	27.61	----	48.37
GMW-47	11/13/00	75.98	----	28.13	----	47.85
GMW-47	02/05/01	75.98	----	27.17	----	48.81
GMW-47	05/07/01	75.98	----	26.71	----	49.27
GMW-47	04/08/02	75.98	----	27.21	----	48.77
GMW-47	09/19/02	75.98	----	28.50	----	47.48
GMW-47	10/21/02	75.98	----	29.04	----	46.94
GMW-47	04/07/03	75.98	----	27.82	----	48.16
GMW-47	10/06/03	75.98	----	27.44	----	48.54
GMW-47	04/19/04	75.98	----	28.27	----	47.71
GMW-47	11/01/04	75.98	----	28.60	----	47.38
GMW-47	02/28/05	75.98	----	24.87	----	51.11
GMW-47	05/02/05	75.98	----	23.17	----	52.81
GMW-47	03/06/06	75.98	----	24.67	----	51.31
GMW-47	05/01/06	75.98	----	25.16	----	50.82
GMW-47	08/26/06	75.98	----	25.62	----	50.36
GMW-47	12/01/06	75.98	----	26.15	----	49.83
GMW-47	03/21/07	75.98	----	26.30	----	49.68
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-47	10/19/09	75.98	----	28.48	----	47.50
GMW-47	01/11/10	75.98	----	29.10	----	46.88
GMW-47	04/12/10	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	10/19/15	75.98	----	33.26	----	42.72
GMW-47	04/11/16	75.98	----	33.79	----	42.19
GMW-47	10/03/16	75.98	----	34.25	----	41.73
GMW-47	04/19/17	75.98	----	33.55	----	42.43
GMW-47	10/03/17	75.98	----	34.20	----	41.78
GMW-47	04/16/18	75.98	----	34.87	----	41.11
GMW-47	11/05/18	75.98	----	35.53	----	40.45
GMW-47	04/22/19	75.98	----	33.84	----	42.14
GMW-47	05/10/19	75.98	----	34.84	----	41.14
GMW-47	10/29/19	75.98	----	34.84	----	41.14
GMW-47	05/05/20	75.98	----	34.56	----	41.42
GMW-47	10/19/20	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-47	05/10/22	75.98	----	35.63	----	40.35
GMW-47	11/01/22	75.98	----	36.31	----	39.67
GMW-47	05/02/23	75.98	----	35.50	----	40.48
GMW-47	11/06/23	75.98	----	34.87	----	41.11
GMW-48	05/28/96	75.03	----	27.40	----	47.63
GMW-48	11/20/96	75.03	----	28.40	----	46.63
GMW-48	07/01/97	75.03	27.11	27.58	0.47	NC
GMW-48	12/31/97	75.03	27.37	29.58	2.21	NC
GMW-48	05/01/98	75.03	23.63	24.46	0.83	NC
GMW-48	05/26/99	75.03	25.72	27.01	1.29	NC
GMW-48	05/15/00	75.03	26.31	26.49	0.18	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-48	11/13/00	75.03	----	27.21	----	47.82
GMW-48	05/07/01	75.03	25.65	26.10	0.45	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	NC
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
GMW-48	10/19/15	75.03	----	31.31	----	43.72
GMW-48	10/03/16	75.03	----	37.03	----	38.00
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	10/19/20	75.03	----	37.16	----	37.87

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-48	05/03/21	75.03	----	38.11	----	36.92
GMW-48	11/02/21	75.03	----	38.80	----	36.23
GMW-48	05/09/22	75.03	----	38.32	----	36.71
GMW-48	10/31/22	75.03	----	39.22	----	35.81
GMW-48	05/01/23	75.03	----	37.70	----	37.33
GMW-48	11/06/23	75.03	----	35.90	----	39.13
GMW-49	11/07/23	74.75	----	31.48	----	43.27
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	NC
GMW-50	09/19/02	75.51	----	27.82	----	47.69
GMW-50	10/21/02	75.51	----	28.70	----	46.81
GMW-50	04/07/03	75.51	----	27.00	----	48.51
GMW-50	10/06/03	75.51	----	26.83	----	48.68
GMW-50	04/19/04	75.51	----	27.66	----	47.85
GMW-50	11/01/04	75.51	----	28.11	----	47.40
GMW-50	02/28/05	75.51	----	23.80	----	51.71
GMW-50	05/02/05	75.51	----	22.42	----	53.09
GMW-50	03/06/06	75.51	----	24.53	----	50.98
GMW-50	05/01/06	75.51	----	24.63	----	50.88
GMW-50	08/26/06	75.51	----	25.10	----	50.41
GMW-50	12/01/06	75.51	----	25.61	----	49.90
GMW-50	03/21/07	75.51	----	25.75	----	49.76
GMW-50	04/27/07	75.51	----	26.17	----	49.34
GMW-50	08/28/07	75.51	----	26.15	----	49.36
GMW-50	11/12/07	75.51	----	26.58	----	48.93
GMW-50	02/05/08	75.51	----	27.24	----	48.27
GMW-50	04/11/08	75.51	----	26.32	----	49.19
GMW-50	07/24/08	75.51	----	26.97	----	48.54
GMW-50	10/13/08	75.51	----	27.67	----	47.84
GMW-50	02/09/09	75.51	----	27.40	----	48.11
GMW-50	07/16/09	75.51	----	27.87	----	47.64
GMW-50	04/07/10	75.51	----	27.68	----	47.83
GMW-50	10/01/10	75.51	----	28.16	----	47.35
GMW-50	01/06/11	75.51	----	28.58	----	46.93
GMW-50	04/12/12	75.51	----	29.00	----	46.51
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	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-51	09/19/02	75.93	----	28.22	----	47.71
GMW-51	10/21/02	75.93	----	29.13	----	46.80
GMW-51	04/07/03	75.93	----	27.55	----	48.38
GMW-51	10/06/03	75.93	----	27.15	----	48.78
GMW-51	04/19/04	75.93	----	27.99	----	47.94
GMW-51	11/01/04	75.93	----	28.47	----	47.46
GMW-51	02/28/05	75.93	----	24.24	----	51.69
GMW-51	05/02/05	75.93	----	22.61	----	53.32
GMW-51	03/06/06	75.93	----	25.02	----	50.91
GMW-51	05/01/06	75.93	----	25.04	----	50.89
GMW-51	08/26/06	75.93	----	25.51	----	50.42
GMW-51	12/01/06	75.93	----	25.98	----	49.95
GMW-51	03/21/07	75.93	----	26.12	----	49.81
GMW-51	04/27/07	75.93	----	26.54	----	49.39
GMW-51	08/28/07	75.93	----	26.50	----	49.43
GMW-51	11/12/07	75.93	----	26.95	----	48.98
GMW-51	02/05/08	75.93	----	27.59	----	48.34
GMW-51	04/11/08	75.93	----	26.69	----	49.24
GMW-51	07/24/08	75.93	----	27.15	----	48.78
GMW-51	10/13/08	75.93	----	28.05	----	47.88
GMW-51	02/09/09	75.93	----	27.49	----	48.44
GMW-51	07/16/09	75.93	----	28.15	----	47.78
GMW-51	04/07/10	75.93	----	28.08	----	47.85
GMW-51	10/01/10	75.93	----	28.49	----	47.44
GMW-51	01/06/11	75.93	----	28.96	----	46.97
GMW-51	04/12/12	75.93	----	29.41	----	46.52
GMW-52	05/25/99	75.03	----	25.73	----	49.30
GMW-52	05/15/00	75.03	----	26.33	----	48.70
GMW-52	11/13/00	75.03	----	26.99	----	48.04
GMW-52	05/07/01	75.03	----	25.15	----	49.88
GMW-52	04/08/02	75.03	----	26.61	----	48.42
GMW-52	10/21/02	75.03	----	27.15	----	47.88
GMW-52	04/07/03	75.03	----	26.34	----	48.69
GMW-52	10/06/03	75.03	----	26.21	----	48.82
GMW-52	04/19/04	75.03	----	26.97	----	48.06
GMW-52	11/01/04	75.03	----	27.62	----	47.41
GMW-52	05/02/05	75.03	----	21.16	----	53.87
GMW-52	03/06/06	75.03	----	23.95	----	51.08
GMW-52	05/01/06	75.03	----	23.95	----	51.08
GMW-52	08/26/06	75.03	----	24.40	----	50.63
GMW-52	12/01/06	75.03	----	24.92	----	50.11
GMW-52	03/21/07	75.03	----	25.17	----	49.86
GMW-52	04/30/07	75.03	----	25.38	----	49.65

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
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	05/25/99	75.16	----	26.68	----	48.48
GMW-54	05/15/00	75.16	----	27.40	----	47.76
GMW-54	11/13/00	75.16	----	26.93	----	48.23

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
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	04/19/17	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	74.73	----	33.68	----	41.05	
GMW-54	11/02/20	74.73	----	33.82	----	40.91	
GMW-54	05/03/21	74.73	----	34.34	----	40.39	
GMW-54	11/02/21	74.73	----	34.86	----	39.87	
GMW-54	05/10/22	74.73	----	35.02	----	39.71	
GMW-54	11/01/22	74.73	----	33.41	----	41.32	
GMW-54	05/02/23	74.73	----	33.60	----	41.13	
GMW-54	11/08/23	74.73	unable to locate well				
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	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-55	04/08/02	74.60	----	26.43	----	48.17
GMW-55	10/21/02	74.60	----	26.85	----	47.75
GMW-55	04/07/03	74.60	----	26.22	----	48.38
GMW-55	10/06/03	74.60	----	26.35	----	48.25
GMW-55	04/19/04	74.60	----	27.77	----	46.83
GMW-55	11/01/04	74.60	----	27.59	----	47.01
GMW-55	05/02/05	74.60	----	22.33	----	52.27
GMW-55	05/01/06	74.60	----	23.94	----	50.66
GMW-55	12/01/06	74.60	----	24.78	----	49.82
GMW-55	04/30/07	74.60	----	25.11	----	49.49
GMW-55	11/12/07	74.60	----	25.89	----	48.71
GMW-55	04/11/08	74.60	----	25.46	----	49.14
GMW-55	10/14/08	74.60	----	26.38	----	48.22
GMW-55	04/20/09	74.60	----	28.31	----	46.29
GMW-55	04/08/10	74.60	----	26.66	----	47.94
GMW-55	10/01/10	74.60	----	27.15	----	47.45
GMW-55	01/07/11	74.60	----	27.61	----	46.99
GMW-56	07/07/11	76.52	----	28.45	----	48.07
GMW-56	10/07/11	76.52	----	28.98	----	47.54
GMW-56	04/12/12	76.52	----	30.04	----	46.48
GMW-56	01/10/13	76.52	----	31.05	----	45.47
GMW-56	04/02/13	76.52	----	31.04	----	45.48
GMW-56	10/01/13	76.52	----	31.78	----	44.74
GMW-56	04/09/14	76.52	----	32.40	----	44.12
GMW-56	04/14/14	76.52	----	32.28	----	44.24
GMW-56	10/27/14	76.52	----	32.77	----	43.75
GMW-56	04/20/15	76.52	----	33.10	----	43.42
GMW-56	04/11/16	76.52	----	34.33	----	42.19
GMW-56	10/03/16	76.52	----	34.73	----	41.79
GMW-56	04/17/17	76.52	----	34.19	----	42.33
GMW-56	10/02/17	76.52	----	33.32	----	43.20
GMW-56	04/16/18	76.52	----	33.90	----	42.62
GMW-56	11/05/18	76.52	----	34.56	----	41.96
GMW-56	04/16/19	76.52	----	33.88	----	42.64
GMW-56	10/28/19	76.52	----	34.09	----	42.43
GMW-56	05/04/20	76.52	----	34.06	----	42.46
GMW-56	10/19/20	76.52	----	34.19	----	42.33
GMW-56	11/02/20	76.52	----	34.31	----	42.21
GMW-56	05/03/21	76.52	----	34.69	----	41.83
GMW-56	11/01/21	76.52	----	35.04	----	41.48
GMW-56	05/10/22	76.52	----	35.21	----	41.31
GMW-56	11/01/22	76.52	----	35.45	----	41.07
GMW-56	05/01/23	76.52	----	34.90	----	41.62

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-56	11/06/23	76.52	----	33.60	----	42.92
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	10/19/15	76.66	----	33.84	----	42.82
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	----	35.47	----	41.19
GMW-57	05/04/21	76.66	----	36.45	----	40.21
GMW-57	11/02/21	76.66	----	36.32	----	40.34
GMW-57	05/10/22	76.66	----	35.67	----	40.99
GMW-57	10/31/22	76.66	----	36.70	----	39.96
GMW-57	05/01/23	76.66	----	36.14	----	40.52
GMW-57	11/06/23	76.66	----	36.02	----	40.64
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	11/05/15	75.48	32.18	32.25	0.07	NC
GMW-58	04/13/16	75.48	----	32.42	----	43.06
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	10/19/20	75.48	----	34.72	----	40.76
GMW-58	05/03/21	75.48	----	35.93	----	39.55
GMW-58	11/01/21	75.48	----	35.98	----	39.50
GMW-58	05/10/22	75.48	----	35.20	----	40.28
GMW-58	10/31/22	75.48	----	36.93	----	38.55
GMW-58	05/03/23	75.48	----	35.44	----	40.04
GMW-58	11/06/23	75.48	----	34.75	----	40.73
GMW-59	07/07/11	75.28	----	25.69	----	49.59
GMW-59	10/06/11	75.28	----	26.35	----	48.93
GMW-59	01/10/12	75.28	----	26.80	----	48.48
GMW-59	04/12/12	75.28	27.55	27.56	0.01	NC
GMW-59	04/20/12	75.28	----	27.28	----	48.00
GMW-59	01/10/13	75.28	----	28.60	----	46.68
GMW-59	04/03/13	75.28	----	28.62	----	46.66
GMW-59	04/08/13	75.28	----	29.02	----	46.26
GMW-59	10/01/13	75.28	----	29.35	----	45.93
GMW-59	04/09/14	75.28	----	29.65	----	45.63
GMW-59	04/17/14	75.28	----	29.65	----	45.63
GMW-59	10/27/14	75.28	----	29.92	----	45.36
GMW-59	04/20/15	75.28	----	30.26	----	45.02
GMW-59	10/19/15	75.28	----	31.31	sheen	43.97
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-59	11/02/20	75.28	----	32.56	----	42.72
GMW-59	05/04/21	75.28	----	33.25	----	42.03
GMW-59	11/02/21	75.28	----	33.40	----	41.88
GMW-59	05/10/22	75.28	----	33.38	----	41.90
GMW-59	10/31/22	75.28	----	34.29	----	40.99
GMW-59	05/01/23	75.28	----	33.13	----	42.15
GMW-59	11/08/23	75.28	----	30.55	----	44.73
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-60	10/27/14	76.24	----	32.15	----	44.09
GMW-60	04/20/15	76.24	----	32.42	----	43.82
GMW-60	10/20/15	76.24	----	33.34	----	42.90
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	----	34.84	----	41.40
GMW-60	05/03/21	76.24	----	35.53	----	40.71
GMW-60	11/01/21	76.24	----	35.50	----	40.74
GMW-60	05/10/22	76.24	----	35.58	----	40.66
GMW-60	10/31/22	76.24	----	31.78	----	44.46
GMW-60	05/01/23	76.24	----	35.51	----	40.73
GMW-60	11/06/23	76.24	----	36.15	----	40.09
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-61	01/08/11	75.60	----	28.37	----	47.23
GMW-61	04/08/11	75.60	----	26.68	----	48.92
GMW-61	07/07/11	75.60	----	27.23	----	48.37
GMW-61	10/06/11	75.60	----	27.92	----	47.68
GMW-61	01/10/12	75.60	----	28.41	----	47.19
GMW-61	04/12/12	75.60	----	29.06	----	46.54
GMW-61	04/19/12	75.60	----	28.71	----	46.89
GMW-61	01/11/13	75.60	----	30.05	----	45.55
GMW-61	04/03/13	75.60	----	30.11	----	45.49
GMW-61	04/08/13	75.60	----	30.01	----	45.59
GMW-61	10/02/13	75.60	----	30.70	----	44.90
GMW-61	04/09/14	75.60	----	31.11	----	44.49
GMW-61	04/17/14	75.60	----	30.78	----	44.82
GMW-61	10/27/14	75.60	----	31.39	----	44.21
GMW-61	04/20/15	75.60	----	31.72	----	43.88
GMW-61	10/20/15	75.60	32.65	32.67	0.02	NC
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	76.24	----	33.65	----	42.59
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	10/19/20	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-61	05/11/22	75.60	----	35.02	----	40.58
GMW-61	10/31/22	75.60	----	33.68	----	41.92
GMW-61	05/03/23	75.60	----	34.63	----	40.97
GMW-61	11/06/23	75.60	----	34.44	----	41.16
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-62	04/12/10	76.34	-----	28.24	-----	48.10
GMW-62	01/10/11	76.34	28.78	29.08	0.30	NC
GMW-62	04/07/11	76.34	26.89	28.57	1.68	NC
GMW-62	07/07/11	76.34	28.03	28.14	0.11	NC
GMW-62	10/06/11	76.34	28.45	29.39	0.94	NC
GMW-62	01/09/12	76.34	28.97	29.02	0.05	NC
GMW-62	04/12/12	76.34	29.58	29.68	0.10	NC
GMW-62	04/18/12	76.34	29.40	29.46	0.06	NC
GMW-62	01/11/13	76.34	-----	30.62	-----	45.72
GMW-62	04/03/13	76.34	30.42	31.36	0.94	NC
GMW-62	04/08/13	76.34	30.35	32.13	1.78	NC
GMW-62	10/02/13	76.34	31.00	32.33	1.33	NC
GMW-62	04/09/14	76.34	31.02	33.50	2.48	NC
GMW-62	04/15/14	76.34	31.02	33.71	2.69	NC
GMW-62	10/27/14	76.34	32.14	37.77	5.63	NC
GMW-62	04/20/15	76.34	32.97	32.98	0.01	NC
GMW-62	10/20/15	76.34	33.29	33.30	0.01	NC
GMW-62	04/11/16	76.34	34.39	34.40	0.01	NC
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	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	sheen	41.29
GMW-62	05/04/20	76.34	-----	34.75	-----	41.59
GMW-62	10/19/20	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-62	05/09/22	76.34	-----	35.35	-----	40.99
GMW-62	10/31/22	76.34	-----	36.32	-----	40.02
GMW-62	05/03/23	76.34	-----	32.49	-----	43.85
GMW-62	11/06/23	76.34	-----	26.64	-----	49.70
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

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/27/14	77.32	----	32.51	----	44.81
GMW-63	04/14/14	77.32	----	32.02	----	45.30
GMW-63	04/20/15	77.32	----	32.86	----	44.46
GMW-63	10/20/15	77.32	----	33.73	----	43.59
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	10/25/17	77.32	----	34.93	----	42.39
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	10/19/20	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-63	05/09/22	77.32	----	36.19	----	41.13
GMW-63	10/31/22	77.32	----	36.57	----	40.75
GMW-63	05/01/23	77.32	----	35.77	----	41.55
GMW-63	11/06/23	77.32	----	35.02	----	42.30
GMW-64	10/14/08	75.84	----	27.60	----	48.24
GMW-64	02/10/09	75.84	----	27.47	----	48.37
GMW-64	04/20/09	75.84	----	27.00	----	48.84
GMW-64	07/17/09	75.84	----	27.37	----	48.47
GMW-64	07/21/09	75.84	----	27.52	----	48.32
GMW-64	10/19/09	75.84	----	28.11	----	47.73
GMW-64	01/11/10	75.84	----	28.53	----	47.31
GMW-64	04/12/10	75.84	----	27.10	----	48.74
GMW-64	01/08/11	75.84	----	27.81	----	48.03
GMW-64	04/07/11	75.84	----	26.45	----	49.39
GMW-64	07/07/11	75.84	----	27.21	----	48.63

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/20/15	75.84	----	32.33	----	43.51
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	10/25/17	75.84	----	33.13	----	42.71
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	10/19/20	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-64	05/09/22	75.84	----	34.35	----	41.49
GMW-64	10/31/22	75.84	----	34.96	----	40.88
GMW-64	05/01/23	75.84	----	34.35	----	41.49
GMW-64	11/06/23	75.84	----	33.03	----	42.81
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

APPENDIX C
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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-65	04/03/13	76.78	----	31.07	----	45.71
GMW-65	04/08/13	76.78	----	30.92	----	45.86
GMW-65	10/02/13	76.78	----	31.75	----	45.03
GMW-65	04/09/14	76.78	----	31.87	----	44.91
GMW-65	04/14/14	76.78	----	31.68	----	45.10
GMW-65	10/27/14	76.78	----	32.35	----	44.43
GMW-65	04/20/15	76.78	----	32.68	----	44.10
GMW-65	10/20/15	76.78	----	33.54	----	43.24
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	10/25/17	76.78	----	34.78	----	42.00
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	10/19/20	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-65	05/09/22	76.78	----	35.99	----	40.79
GMW-65	10/31/22	76.78	----	36.18	----	40.60
GMW-65	05/01/23	76.78	----	35.88	----	40.90
GMW-65	11/06/23	76.78	----	35.11	----	41.67
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	10/27/14	77.00	----	32.93	----	44.07
GMW-66	Well decommissioned in December 2014 prior to remedial excavation					
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

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 15306 Norwalk Boulevard, Norwalk, California 90650

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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	10/19/20	79.23	----	38.00	----	41.23
GMW-66R	11/02/20	79.23	----	38.08	----	41.15
GMW-66R	05/03/21	79.23	----	38.41	----	40.82
GMW-66R	11/01/21	79.23	----	38.75	----	40.48
GMW-66R	05/10/22	79.23	----	38.93	----	40.30
GMW-66R	10/31/22	79.23	----	39.13	----	40.10
GMW-66R	05/01/23	79.23	----	38.81	----	40.42
GMW-66R	11/06/23	79.23	----	38.12	----	41.11
GMW-67	10/20/15	76.00	----	32.90	----	43.10
GMW-67	04/11/16	76.00	----	33.53	----	42.47
GMW-67	10/03/16	76.00	----	34.05	----	41.95
GMW-67	04/17/17	76.00	----	33.44	----	42.56
GMW-67	10/02/17	76.00	----	33.76	----	42.24
GMW-67	04/16/18	76.00	----	34.61	----	41.39
GMW-67	11/05/18	76.00	----	35.22	----	40.78
GMW-67	04/15/19	76.00	----	34.36	----	41.64
GMW-67	10/28/19	76.00	----	34.57	----	41.43
GMW-67	05/04/20	76.00	----	34.39	----	41.61
GMW-67	10/19/20	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-67	05/09/22	76.00	----	35.04	----	40.96
GMW-67	10/31/22	76.00	----	35.10	----	40.90
GMW-67	05/01/23	76.00	----	35.21	----	40.79
GMW-67	11/06/23	76.00	----	33.19	----	42.81
GMW-68	10/20/15	75.52	----	32.44	----	43.08
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	NC
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	34.03	34.04	0.01	NC
GMW-68	05/05/20	75.52	33.54	33.55	0.01	NC
GMW-68	10/19/20	75.52	33.86	33.88	0.02	NC
GMW-68	05/03/21	75.52	34.44	34.46	0.02	NC

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-68	11/01/21	75.52	34.90	34.91	0.01	NC
GMW-68	05/09/22	75.52	----	34.82	----	40.70
GMW-68	10/31/22	75.52	----	35.27	----	40.25
GMW-68	05/01/23	75.52	----	34.63	----	40.89
GMW-68	11/06/23	75.52	----	29.85	----	45.67
GMW-69	10/20/15	75.31	----	32.21	----	43.10
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	10/25/17	75.31	----	33.29	----	42.02
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	10/19/20	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-69	05/09/22	75.31	----	34.50	----	40.81
GMW-69	10/31/22	75.31	----	34.81	----	40.50
GMW-69	05/01/23	75.31	----	34.38	----	40.93
GMW-69	11/06/23	75.31	----	33.82	----	41.49
GMW-O-1	05/28/96	71.45	----	24.16	----	47.29
GMW-O-1	11/20/96	71.45	----	24.51	----	46.94
GMW-O-1	07/01/97	71.45	----	24.93	----	46.52
GMW-O-1	12/31/97	71.45	----	24.57	----	46.88
GMW-O-1	05/01/98	71.45	----	22.51	----	48.94
GMW-O-1	02/02/99	71.45	----	21.57	----	49.88
GMW-O-1	05/05/99	71.45	----	22.20	----	49.25
GMW-O-1	08/09/99	71.45	----	22.52	----	48.93
GMW-O-1	11/15/99	71.45	----	22.68	----	48.77
GMW-O-1	02/29/00	71.45	----	22.78	----	48.67
GMW-O-1	05/15/00	71.45	----	22.75	----	48.70
GMW-O-1	08/28/00	71.45	----	23.02	----	48.43
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-1	04/14/14	71.45	----	26.72	----	44.73
GMW-O-1	10/27/14	71.45	----	27.28	----	44.17
GMW-O-1	04/20/15	71.45	----	28.02	----	43.43
GMW-O-1	10/19/15	71.45	----	28.98	----	42.47
GMW-O-1	04/11/16	71.45	----	29.71	----	41.74
GMW-O-1	10/03/16	71.45	----	31.20	----	40.25
GMW-O-1	04/17/17	71.45	----	29.51	----	41.94
GMW-O-1	10/02/17	71.45	----	31.20	----	40.25
GMW-O-1	04/16/18	71.45	----	31.56	----	39.89
GMW-O-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-1	05/09/22	71.45	----	31.50	----	39.95
GMW-O-1	10/31/22	71.45	----	30.68	----	40.77
GMW-O-1	05/01/23	71.45	----	31.41	----	40.04
GMW-O-1	11/06/23	71.45	----	33.48	----	37.97
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-2	02/01/05	72.54	----	24.06	----	48.48
GMW-O-2	05/02/05	72.54	----	21.40	----	51.14
GMW-O-2	08/01/05	72.54	----	20.97	----	51.57
GMW-O-2	10/31/05	72.54	----	21.22	----	51.32
GMW-O-2	02/27/06	72.54	----	23.10	----	49.44
GMW-O-2	05/01/06	72.54	----	21.59	----	50.95
GMW-O-2	09/18/06	72.54	----	22.08	----	50.46
GMW-O-2	12/04/06	72.54	----	22.21	----	50.33
GMW-O-2	03/12/07	72.54	----	22.50	----	50.04
GMW-O-2	04/30/07	72.54	----	22.53	----	50.01
GMW-O-2	08/28/07	72.54	----	22.54	----	50.00
GMW-O-2	11/12/07	72.54	----	22.96	----	49.58
GMW-O-2	02/19/08	72.54	----	23.39	----	49.15
GMW-O-2	04/14/08	72.54	----	23.24	----	49.30
GMW-O-2	08/11/08	72.54	----	23.57	----	48.97
GMW-O-2	10/13/08	72.54	----	23.64	----	48.90
GMW-O-2	04/20/09	72.54	----	23.70	----	48.84
GMW-O-2	07/20/09	72.54	----	24.40	----	48.14
GMW-O-2	10/19/09	72.54	----	24.81	----	47.73
GMW-O-2	03/15/10	72.54	----	25.10	----	47.44
GMW-O-2	05/24/10	72.54	----	24.48	----	48.06
GMW-O-2	05/28/10	72.54	----	24.43	----	48.11
GMW-O-2	10/04/10	72.54	----	24.25	----	48.29
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	04/11/16	72.54	----	30.20	----	42.34
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-2	05/09/22	72.54	----	32.12	----	40.42
GMW-O-2	10/31/22	72.54	----	30.62	----	41.92
GMW-O-2	05/01/23	72.54	----	34.43	----	38.11
GMW-O-2	11/06/23	72.54	----	36.78	----	35.76
GMW-O-3	05/28/96	72.19	----	24.19	----	48.00
GMW-O-3	11/20/96	72.19	----	24.87	----	47.32
GMW-O-3	07/01/97	72.19	----	24.77	----	47.42
GMW-O-3	12/31/97	72.19	----	24.80	----	47.39
GMW-O-3	05/01/98	72.19	----	22.06	----	50.13
GMW-O-3	02/03/99	72.19	----	22.07	----	50.12
GMW-O-3	05/07/99	72.19	----	23.11	----	49.08
GMW-O-3	08/09/99	72.19	----	23.20	----	48.99
GMW-O-3	11/15/99	72.19	----	23.40	----	48.79
GMW-O-3	02/29/00	72.19	----	23.45	----	48.74
GMW-O-3	05/15/00	72.19	----	23.36	----	48.83
GMW-O-3	08/28/00	72.19	----	23.95	----	48.24
GMW-O-3	11/13/00	72.19	----	23.90	----	48.29
GMW-O-3	02/05/01	72.19	----	23.61	----	48.58
GMW-O-3	05/07/01	72.19	----	22.81	----	49.38
GMW-O-3	09/18/01	72.19	----	22.55	----	49.64
GMW-O-3	11/05/01	72.19	----	22.90	----	49.29
GMW-O-3	01/29/02	72.19	----	23.18	----	49.01
GMW-O-3	04/08/02	72.19	----	23.18	----	49.01
GMW-O-3	07/29/02	72.39	----	24.05	----	48.34
GMW-O-3	10/21/02	72.19	----	24.07	----	48.12
GMW-O-3	01/14/03	72.19	----	23.90	----	48.29
GMW-O-3	01/27/03	72.19	----	23.75	----	48.44
GMW-O-3	04/07/03	72.19	----	23.53	----	48.66
GMW-O-3	07/30/03	72.19	----	23.35	----	48.84
GMW-O-3	10/06/03	72.19	----	23.52	----	48.67
GMW-O-3	01/11/04	72.19	----	24.67	----	47.52
GMW-O-3	01/27/04	72.19	----	23.79	----	48.40
GMW-O-3	04/19/04	72.19	----	24.08	----	48.11
GMW-O-3	07/19/04	72.19	----	24.13	----	48.06
GMW-O-3	02/01/05	72.19	----	23.52	----	48.67
GMW-O-3	05/02/05	72.19	----	20.03	----	52.16
GMW-O-3	08/01/05	72.19	----	20.18	----	52.01

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/13/08	74.93	----	23.42	----	51.51
GMW-O-3	04/20/09	72.19	----	23.18	----	49.01
GMW-O-3	07/20/09	72.19	----	24.21	----	47.98
GMW-O-3	10/19/09	72.19	----	24.49	----	47.70
GMW-O-3	03/15/10	72.19	----	24.77	----	47.42
GMW-O-3	05/24/10	72.19	----	24.00	----	48.19
GMW-O-3	05/28/10	72.19	----	23.97	----	48.22
GMW-O-3	10/04/10	72.19	----	24.43	----	47.76
GMW-O-3	01/10/11	72.19	----	25.17	----	47.02
GMW-O-3	04/11/11	72.19	----	23.49	----	48.70
GMW-O-3	07/11/11	72.19	----	23.36	----	48.83
GMW-O-3	10/10/11	72.19	----	23.70	----	48.49
GMW-O-3	01/09/12	72.19	----	24.29	----	47.90
GMW-O-3	04/16/12	72.19	----	24.72	----	47.47
GMW-O-3	07/09/12	72.19	----	25.29	----	46.90
GMW-O-3	10/15/12	72.19	----	25.33	----	46.86
GMW-O-3	01/14/13	72.19	----	26.32	----	45.87
GMW-O-3	04/08/13	72.19	----	26.19	----	46.00
GMW-O-3	10/07/13	72.19	----	26.93	----	45.26
GMW-O-3	04/14/14	72.19	----	27.40	----	44.79
GMW-O-3	10/27/14	72.19	----	27.79	----	44.40
GMW-O-3	04/20/15	72.19	----	28.21	----	43.98
GMW-O-3	10/19/15	72.19	----	28.94	----	43.25
GMW-O-3	04/11/16	72.19	----	30.51	----	41.68
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-3	05/09/22	72.19	----	31.66	----	40.53
GMW-O-3	10/31/22	72.19	----	31.19	----	41.00
GMW-O-3	05/01/23	72.19	----	33.84	----	38.35
GMW-O-3	11/06/23	72.19	----	36.51	----	35.68
GMW-O-4	05/28/96	71.95	----	23.69	----	48.26
GMW-O-4	11/20/96	71.95	----	24.37	----	47.58
GMW-O-4	07/01/97	71.95	----	23.69	----	48.26
GMW-O-4	12/31/97	71.95	----	24.25	----	47.70
GMW-O-4	05/01/98	71.95	----	20.89	----	51.06
GMW-O-4	05/06/99	71.95	----	22.33	----	49.62
GMW-O-4	08/09/99	71.95	----	22.55	----	49.40
GMW-O-4	11/15/99	71.95	----	22.91	----	49.04
GMW-O-4	05/15/00	71.95	----	27.74	----	44.21
GMW-O-4	11/13/00	71.95	----	23.38	----	48.57
GMW-O-4	05/07/01	71.95	----	21.86	----	50.09
GMW-O-4	11/05/01	71.95	----	22.29	----	49.66
GMW-O-4	04/08/02	71.95	----	22.71	----	49.24
GMW-O-4	10/21/02	71.95	----	23.56	----	48.39
GMW-O-4	04/07/03	71.95	----	29.99	----	41.96
GMW-O-4	10/06/03	71.95	----	22.75	----	49.20
GMW-O-4	01/11/04	71.95	----	24.02	----	47.93
GMW-O-4	04/19/04	71.95	----	24.44	----	47.51
GMW-O-4	05/02/05	71.95	----	18.86	----	53.09
GMW-O-4	10/31/05	71.95	----	19.91	----	52.04
GMW-O-4	05/01/06	71.95	----	20.52	----	51.43
GMW-O-4	12/04/06	71.95	----	21.17	----	50.78
GMW-O-4	04/30/07	71.95	----	21.74	----	50.21
GMW-O-4	11/12/07	71.95	----	22.10	----	49.85
GMW-O-4	04/14/08	71.95	----	22.28	----	49.67
GMW-O-4	10/13/08	71.95	----	22.93	----	49.02
GMW-O-4	04/20/09	71.95	----	25.29	----	46.66
GMW-O-4	10/19/09	71.95	----	24.14	----	47.81
GMW-O-4	05/24/10	71.95	----	23.50	----	48.45
GMW-O-4	05/28/10	71.95	----	23.47	----	48.48
GMW-O-4	10/04/10	71.95	----	23.97	----	47.98
GMW-O-4	04/11/11	71.95	----	23.00	----	48.95
GMW-O-4	10/10/11	71.95	----	23.31	----	48.64
GMW-O-4	04/16/12	71.95	----	24.45	----	47.50
GMW-O-4	10/15/12	71.95	----	25.14	----	46.81
GMW-O-4	04/08/13	71.95	----	25.88	----	46.07

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/11/16	71.95	----	29.80	----	42.15
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	05/09/22	71.95	----	31.27	----	40.68
GMW-O-4	10/31/22	71.95	----	31.52	----	40.43
GMW-O-4	05/01/23	71.95	----	32.70	----	39.25
GMW-O-4	11/06/23	71.95	----	36.51	----	35.44
GMW-O-4 (MID)	05/28/96	72.24	----	31.73	----	40.51
GMW-O-4 (MID)	11/20/96	72.24	----	31.86	----	40.38
GMW-O-4 (MID)	07/01/97	72.24	----	29.66	----	42.58
GMW-O-4 (MID)	12/31/97	72.24	----	29.41	----	42.83
GMW-O-4 (MID)	05/01/98	72.24	----	26.77	----	45.47
GMW-O-4 (MID)	05/06/99	72.24	----	27.34	----	44.90
GMW-O-4 (MID)	08/09/99	72.24	----	28.59	----	43.65
GMW-O-4 (MID)	11/15/99	72.24	----	28.91	----	43.33
GMW-O-4 (MID)	05/15/00	72.24	----	28.49	----	43.75
GMW-O-4 (MID)	11/13/00	72.24	----	29.82	----	42.42
GMW-O-4 (MID)	05/07/01	72.24	----	29.02	----	43.22
GMW-O-4 (MID)	11/05/01	72.24	----	30.00	----	42.24
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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)	10/15/12	72.24	----	32.25	----	39.99
GMW-O-4 (MID)	04/08/13	72.24	----	32.81	----	39.43
GMW-O-5	05/28/96	72.36	----	24.10	----	48.26
GMW-O-5	11/20/96	72.36	----	24.88	----	47.48
GMW-O-5	07/01/97	72.36	----	24.13	----	48.23
GMW-O-5	12/31/97	72.36	----	24.72	----	47.64
GMW-O-5	05/01/98	72.36	----	21.22	----	51.14
GMW-O-5	02/03/99	72.36	----	22.11	----	50.25
GMW-O-5	05/03/99	72.36	----	22.90	----	49.46
GMW-O-5	08/09/99	72.36	----	23.14	----	49.22
GMW-O-5	11/15/99	72.36	----	23.50	----	48.86
GMW-O-5	02/29/00	72.36	----	23.55	----	48.81
GMW-O-5	05/15/00	72.36	----	23.33	----	49.03
GMW-O-5	08/28/00	72.36	----	23.95	----	48.41
GMW-O-5	11/13/00	72.36	----	23.98	----	48.38
GMW-O-5	02/05/01	72.36	----	23.66	----	48.70
GMW-O-5	05/07/01	72.36	----	22.32	----	50.04
GMW-O-5	09/18/01	72.36	----	22.47	----	49.89
GMW-O-5	11/05/01	72.36	----	22.79	----	49.57
GMW-O-5	01/29/02	72.36	----	22.83	----	49.53
GMW-O-5	04/08/02	72.36	----	23.25	----	49.11
GMW-O-5	10/21/02	72.36	----	24.10	----	48.26
GMW-O-5	01/14/03	72.36	----	23.98	----	48.38
GMW-O-5	04/07/03	72.36	----	23.45	----	48.91
GMW-O-5	10/06/03	72.36	----	23.28	----	49.08
GMW-O-5	01/11/04	72.36	----	24.57	----	47.79
GMW-O-5	04/19/04	72.36	----	23.94	----	48.42
GMW-O-5	05/02/05	72.36	----	19.09	----	53.27
GMW-O-5	10/31/05	72.36	----	20.41	----	51.95
GMW-O-5	05/01/06	72.36	----	20.96	----	51.40
GMW-O-5	12/04/06	72.36	----	21.86	----	50.50
GMW-O-5	04/30/07	72.36	----	22.18	----	50.18

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	04/11/16	72.36	----	30.30	----	42.06
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-5	05/09/22	72.36	----	31.71	----	40.65
GMW-O-5	10/31/22	72.36	----	32.20	----	40.16
GMW-O-5	05/01/23	72.36	----	33.74	----	38.62
GMW-O-5	11/06/23	72.36	----	31.75	----	40.61
GMW-O-6	05/28/96	71.41	----	23.19	----	48.22
GMW-O-6	11/20/96	71.41	----	23.59	----	47.82
GMW-O-6	07/01/97	71.41	----	23.28	----	48.13
GMW-O-6	12/31/97	71.41	----	23.78	----	47.63
GMW-O-6	05/01/98	71.41	----	20.81	----	50.60
GMW-O-6	05/05/99	71.41	----	21.24	----	50.17
GMW-O-6	08/09/99	71.41	----	21.58	----	49.83
GMW-O-6	11/15/99	71.41	----	21.98	----	49.43

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	04/17/17	71.41	----	28.60	----	42.81
GMW-O-6	10/02/17	71.41	----	29.11	----	42.30
GMW-O-6	04/16/18	71.41	----	29.63	----	41.78
GMW-O-6	11/05/18	71.41	----	30.25	----	41.16
GMW-O-6	04/16/19	71.41	----	29.72	----	41.69
GMW-O-6	10/28/19	71.41	----	29.93	----	41.48
GMW-O-6	05/04/20	71.41	----	29.38	----	42.03
GMW-O-6	11/02/20	71.41	----	29.43	----	41.98

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-6	05/09/22	71.41	----	30.54	----	40.87
GMW-O-6	10/31/22	71.41	----	30.30	----	41.11
GMW-O-6	05/01/23	71.41	----	30.60	----	40.81
GMW-O-6	11/06/23	71.41	----	32.03	----	39.38
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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-7	04/17/17	70.98	----	28.40	----	42.58
GMW-O-7	10/02/17	70.98	----	28.18	----	42.80
GMW-O-7	04/16/18	70.98	----	28.61	----	42.37
GMW-O-7	11/05/18	70.98	----	29.15	----	41.83
GMW-O-7	04/16/19	70.98	----	28.82	----	42.16
GMW-O-7	10/28/19	70.98	----	DRY (29.00)	----	----
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-7	05/09/22	70.98	----	29.82	----	41.16
GMW-O-7	10/31/22	70.98	----	29.99	----	40.99
GMW-O-7	05/01/23	70.98	----	29.75	----	40.99
GMW-O-7	11/06/23	70.98	----	33.72	----	37.26
GMW-O-8	05/28/96	70.91	----	23.35	----	47.56
GMW-O-8	11/20/96	70.91	----	23.49	----	47.42
GMW-O-8	07/01/97	70.91	----	23.25	----	47.66
GMW-O-8	12/31/97	70.91	----	23.89	----	47.02
GMW-O-8	05/01/98	70.91	----	21.52	----	49.39
GMW-O-8	05/03/99	70.91	----	21.00	----	49.91
GMW-O-8	08/09/99	70.91	----	21.20	----	49.71
GMW-O-8	11/15/99	70.91	----	21.48	----	49.43
GMW-O-8	05/15/00	70.91	----	21.60	----	49.31
GMW-O-8	11/13/00	70.91	----	29.81	----	41.10
GMW-O-8	05/07/01	70.91	----	21.30	----	49.61
GMW-O-8	11/05/01	70.91	----	21.13	----	49.78
GMW-O-8	04/08/02	70.91	----	21.36	----	49.55
GMW-O-8	10/21/02	70.91	----	22.00	----	48.91
GMW-O-8	01/14/03	70.91	----	22.25	----	48.66
GMW-O-8	04/07/03	70.91	----	22.19	----	48.72
GMW-O-8	10/06/03	70.91	----	21.76	----	49.15
GMW-O-8	01/11/04	70.91	----	22.58	----	48.33
GMW-O-8	04/19/04	70.91	----	22.33	----	48.58
GMW-O-8	05/02/05	70.91	----	20.09	----	50.82
GMW-O-8	10/31/05	70.91	----	19.38	----	51.53
GMW-O-8	05/01/06	70.91	----	19.77	----	51.14
GMW-O-8	12/04/06	70.91	----	20.17	----	50.74
GMW-O-8	04/30/07	70.91	----	20.54	----	50.37
GMW-O-8	11/12/07	70.91	----	20.91	----	50.00
GMW-O-8	04/14/08	70.91	----	21.27	----	49.64
GMW-O-8	10/13/08	70.91	----	21.57	----	49.34
GMW-O-8	04/20/09	70.91	----	21.80	----	49.11
GMW-O-8	10/19/09	70.91	----	22.41	----	48.50

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/15/12	70.91	----	22.87	----	48.04
GMW-O-8	04/08/13	70.91	----	23.64	----	47.27
GMW-O-8	10/07/13	70.91	----	24.53	----	46.38
GMW-O-8	04/14/14	70.91	----	25.21	----	45.70
GMW-O-8	10/27/14	70.91	----	25.74	----	45.17
GMW-O-8	04/20/15	70.91	----	26.39	----	44.52
GMW-O-8	10/19/15	70.91	----	27.53	----	43.38
GMW-O-8	04/11/16	70.91	----	28.47	----	42.44
GMW-O-8	10/03/16	70.91	----	29.51	----	41.40
GMW-O-8	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-8	05/09/22	70.91	----	30.96	----	39.95
GMW-O-8	10/31/22	70.91	----	29.40	----	41.51
GMW-O-8	05/01/23	70.91	----	34.03	----	36.88
GMW-O-8	11/06/23	70.91	----	29.68	----	41.23
GMW-O-9	05/28/96	73.50	----	25.93	----	47.57
GMW-O-9	11/20/96	73.50	----	26.53	----	46.97
GMW-O-9	07/01/97	73.50	----	26.90	----	46.60
GMW-O-9	12/31/97	73.50	----	26.30	----	47.20
GMW-O-9	05/01/98	73.50	----	24.05	----	49.45
GMW-O-9	05/04/99	73.50	----	24.39	----	49.11
GMW-O-9	08/09/99	73.50	----	24.96	----	48.54
GMW-O-9	11/15/99	73.50	----	24.91	----	48.59
GMW-O-9	05/15/00	73.50	----	24.93	----	48.57
GMW-O-9	11/13/00	73.50	----	25.61	----	47.89
GMW-O-9	05/07/01	73.50	----	24.54	----	48.96
GMW-O-9	11/05/01	73.50	----	24.55	----	48.95
GMW-O-9	04/08/02	73.50	----	30.07	----	43.43
GMW-O-9	10/21/02	73.50	----	25.62	----	47.88

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/10/11	73.50	----	25.16	----	48.34
GMW-O-9	01/09/12	73.50	----	26.02	----	47.48
GMW-O-9	04/16/12	73.50	----	26.13	----	47.37
GMW-O-9	07/09/12	73.50	----	26.91	----	46.59
GMW-O-9	10/15/12	73.50	----	26.74	----	46.76
GMW-O-9	01/14/13	73.50	----	26.82	----	46.68
GMW-O-9	04/08/13	73.50	----	27.63	----	45.87
GMW-O-9	10/07/13	73.50	----	28.31	----	45.19
GMW-O-9	04/14/14	73.50	----	28.81	----	44.69
GMW-O-9	10/27/14	73.50	----	29.24	----	44.26
GMW-O-9	04/20/15	73.50	----	29.75	----	43.75
GMW-O-9	10/19/15	73.50	----	30.33	----	43.17
GMW-O-9	04/11/16	73.50	----	31.62	----	41.88
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-9	05/09/22	73.50	----	33.20	----	40.30

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-9	10/31/22	73.50	----	32.17	----	41.33
GMW-O-9	05/01/23	73.50	----	35.75	----	37.75
GMW-O-9	11/06/23	73.50	----	37.03	----	36.47
GMW-O-10	05/28/96	73.98	----	26.49	----	47.49
GMW-O-10	11/20/96	73.98	----	27.10	----	46.88
GMW-O-10	07/01/97	73.98	----	28.23	----	45.75
GMW-O-10	12/31/97	73.98	----	27.94	----	46.04
GMW-O-10	05/01/98	73.98	----	24.56	----	49.42
GMW-O-10	05/07/99	73.98	----	25.10	----	48.88
GMW-O-10	08/09/99	73.98	----	26.10	----	47.88
GMW-O-10	11/15/99	73.98	----	25.67	----	48.31
GMW-O-10	11/13/00	73.98	----	26.54	----	47.44
GMW-O-10	05/07/01	73.98	----	25.23	----	48.75
GMW-O-10	11/05/01	73.98	----	25.22	----	48.76
GMW-O-10	04/08/02	73.98	----	25.35	----	48.63
GMW-O-10	10/21/02	73.98	----	26.39	----	47.59
GMW-O-10	04/07/03	73.98	----	25.64	----	48.34
GMW-O-10	07/30/03	73.98	----	25.60	----	48.38
GMW-O-10	10/06/03	73.98	----	25.67	----	48.31
GMW-O-10	01/11/04	73.98	----	26.96	----	47.02
GMW-O-10	04/19/04	73.98	----	26.60	----	47.38
GMW-O-10	05/02/05	73.98	----	23.71	----	50.27
GMW-O-10	10/31/05	73.98	----	22.65	----	51.33
GMW-O-10	05/05/06	73.98	----	22.33	----	51.65
GMW-O-10	12/04/06	73.98	----	23.24	----	50.74
GMW-O-10	04/30/07	73.98	----	24.07	----	49.91
GMW-O-10	11/12/07	73.98	----	24.45	----	49.53
GMW-O-10	04/14/08	73.98	----	24.83	----	49.15
GMW-O-10	08/11/08	73.98	----	25.22	----	48.76
GMW-O-10	10/13/08	73.98	----	25.25	----	48.73
GMW-O-10	04/20/09	73.98	----	25.58	----	48.40
GMW-O-10	10/19/09	73.98	----	26.72	----	47.26
GMW-O-10	05/24/10	73.98	----	26.92	----	47.06
GMW-O-10	05/28/10	73.98	----	29.10	----	44.88
GMW-O-10	10/04/10	73.98	----	26.48	----	47.50
GMW-O-10	01/10/11	73.98	----	27.30	----	46.68
GMW-O-10	04/11/11	73.98	----	25.72	----	48.26
GMW-O-10	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/11/16	73.98	----	32.23	----	41.75
GMW-O-10	10/03/16	73.98	----	33.13	----	40.85
GMW-O-10	04/17/17	73.98	----	31.47	----	42.51
GMW-O-10	10/02/17	73.98	----	34.96	----	39.02
GMW-O-10	04/16/18	73.98	----	34.93	----	39.05
GMW-O-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-10	05/09/22	73.98	----	33.69	----	40.29
GMW-O-10	10/31/22	73.98	----	33.32	----	40.66
GMW-O-10	05/01/23	73.98	----	34.83	----	39.15
GMW-O-10	11/06/23	73.98	----	36.40	----	37.58
GMW-O-11	04/08/02	74.17	----	23.96	----	50.21
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	NC
GMW-O-11	10/31/05	74.17	21.73	21.92	0.19	NC
GMW-O-11	05/01/06	74.17	----	21.51	----	52.66
GMW-O-11	12/04/06	74.17	----	22.38	----	51.79
GMW-O-11	04/30/07	74.17	23.90	23.91	0.01	NC
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	04/21/09	74.17	25.34	25.36	0.02	NC
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	10/15/12	74.17	----	28.12	----	46.05
GMW-O-11	10/07/13	74.17	27.69	31.19	3.50	NC
GMW-O-11	04/25/14	74.17	28.62	28.96	0.34	NC
GMW-O-11	10/27/14	74.17	28.89	31.28	2.39	NC
GMW-O-11	11/03/14	74.17	27.83	32.34	4.51	NC
GMW-O-11	04/22/15	74.17	28.10	31.54	3.44	NC
GMW-O-11	10/22/15	74.17	29.23	33.08	3.85	NC

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
GMW-O-11	04/12/16	74.17	33.12	33.33	0.21	NC	
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	NC	
GMW-O-11	10/02/17	74.17	----	33.54	----	40.63	
GMW-O-11	11/05/18	74.17	33.11	33.22	0.11	NC	
GMW-O-11	05/04/20	74.17	----	30.94	----	43.23	
GMW-O-11	11/02/20	74.17	----	30.30	----	43.87	
GMW-O-11	05/03/21	74.17	----	31.89	----	42.28	
GMW-O-11	11/01/21	74.17	----	34.76	----	39.41	
GMW-O-11	05/09/22	74.17	----	32.38	----	41.79	
GMW-O-11	10/31/22	74.17	inaccessible due to construction				
GMW-O-11	05/01/23	74.17	----	33.46	----	40.71	
GMW-O-11	11/06/23	74.17	----	34.76	----	39.41	
GMW-O-12	12/31/97	73.49	25.45	31.02	5.57	NC	
GMW-O-12	05/01/98	73.49	19.94	22.69	2.75	NC	
GMW-O-12	05/04/99	73.49	22.99	24.63	1.64	NC	
GMW-O-12	11/13/00	73.49	----	0.70	----	72.79	
GMW-O-12	05/07/01	73.49	----	22.28	----	51.21	
GMW-O-12	05/10/01	73.49	----	24.25	----	49.24	
GMW-O-12	11/05/01	73.49	----	22.63	----	50.86	
GMW-O-12	04/08/02	73.49	----	23.81	----	49.68	
GMW-O-12	10/06/03	73.49	----	24.82	----	48.67	
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	NC	
GMW-O-12	04/11/11	73.49	----	24.04	----	49.45	
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	NC	
GMW-O-12	01/14/13	73.49	25.58	25.62	0.04	NC	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
GMW-O-12	04/08/13	73.49	26.51	26.60	0.09	NC	
GMW-O-12	10/07/13	73.49	27.28	27.34	0.06	NC	
GMW-O-12	04/14/14	73.49	26.80	30.34	3.54	NC	
GMW-O-12	10/27/14	73.49	26.90	31.28	4.38	NC	
GMW-O-12	04/20/15	73.49	26.91	33.35	6.44	NC	
GMW-O-12	10/19/15	73.49	27.82	34.65	6.83	NC	
GMW-O-12	10/30/15	73.49	28.11	39.38	11.27	NC	
GMW-O-12	04/11/16	73.49	26.86	33.35	6.49	NC	
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	NC	
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	NC	
GMW-O-12	11/05/18	73.49	32.31	32.65	0.34	NC	
GMW-O-12	04/16/19	73.49	31.21	31.62	0.41	NC	
GMW-O-12	10/28/19	73.49	31.85	32.45	0.60	NC	
GMW-O-12	05/04/20	73.49	30.04	30.35	0.31	NC	
GMW-O-12	11/02/20	73.49	30.27	31.65	1.38	NC	
GMW-O-12	05/03/21	73.49	31.05	31.66	0.61	NC	
GMW-O-12	11/01/21	73.49	33.18	34.89	1.71	NC	
GMW-O-12	05/09/22	73.49	34.21	35.16	0.95	NC	
GMW-O-12	10/31/22	73.49	inaccessible due to construction				
GMW-O-12	05/01/23	73.49	-----	34.10	-----	39.39	
GMW-O-12	11/06/23	73.49	-----	35.06	-----	38.43	
GMW-O-13	05/28/96	74.19	25.84	27.69	1.85	NC	
GMW-O-13	11/20/96	74.19	26.48	28.92	2.44	NC	
GMW-O-13	07/01/97	74.19	26.55	28.87	2.32	NC	
GMW-O-13	12/31/97	74.19	26.83	28.91	2.08	NC	
GMW-O-13	05/01/98	74.19	22.55	23.06	0.51	NC	
GMW-O-13	05/04/99	74.19	24.46	25.78	1.32	NC	
GMW-O-13	08/09/99	74.19	-----	25.20	-----	48.99	
GMW-O-13	04/08/02	74.19	-----	25.47	-----	48.72	
GMW-O-14	05/28/96	74.08	-----	26.03	-----	48.05	
GMW-O-14	11/20/96	74.08	-----	25.52	-----	48.56	
GMW-O-14	07/01/97	74.08	-----	26.39	-----	47.69	
GMW-O-14	12/31/97	74.08	25.03	25.06	0.03	NC	
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	05/15/00	74.08	-----	26.67	-----	47.41	
GMW-O-14	11/13/00	74.08	-----	25.85	-----	48.23	
GMW-O-14	05/07/01	74.08	-----	24.34	-----	49.74	
GMW-O-14	11/05/01	74.08	-----	24.65	-----	49.43	
GMW-O-14	04/08/02	74.08	-----	25.19	-----	48.89	

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-14	04/14/14	74.08	----	29.36	----	44.72
GMW-O-14	10/27/14	74.08	----	29.84	----	44.24
GMW-O-14	04/20/15	74.08	----	30.32	----	43.76
GMW-O-14	10/19/15	74.08	----	30.98	----	43.10
GMW-O-14	04/11/16	74.08	----	32.34	----	41.74
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	11/02/20	74.08	----	32.28	----	41.80
GMW-O-14	05/03/21	74.08	----	31.48	----	42.60
GMW-O-14	11/01/21	74.08	----	35.48	----	38.60
GMW-O-14	05/09/22	74.08	----	39.64	----	34.44
GMW-O-14	10/31/22	74.08	----	29.25	----	44.83
GMW-O-14	05/01/23	74.08	----	40.69	----	33.39
GMW-O-14	11/06/23	74.08	----	35.74	----	38.34
GMW-O-15	05/28/96	74.23	24.19	30.19	6.00	NC
GMW-O-15	11/20/96	74.23	25.30	30.52	5.22	NC
GMW-O-15	05/15/00	74.23	----	27.10	----	47.13
GMW-O-15	05/07/01	74.23	22.62	24.58	1.96	NC
GMW-O-15	04/08/02	74.23	23.02	27.51	4.49	NC
GMW-O-15	10/21/02	74.23	24.52	24.71	0.19	NC
GMW-O-15	05/02/05	74.23	21.01	21.15	0.14	NC
GMW-O-15	10/31/05	74.23	22.10	22.25	0.15	NC
GMW-O-15	05/22/06	74.23	21.89	22.31	0.42	NC
GMW-O-15	12/04/06	74.23	22.86	22.91	0.05	NC
GMW-O-15	04/30/07	74.23	23.30	23.41	0.11	NC
GMW-O-15	11/12/07	74.23	23.85	23.95	0.10	NC
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	NC
GMW-O-15	10/16/08	74.23	----	24.53	----	49.70
GMW-O-15	04/20/09	74.23	24.61	24.66	0.05	NC
GMW-O-15	07/20/09	74.23	24.94	24.99	0.05	NC
GMW-O-15	10/19/09	74.23	25.43	25.55	0.12	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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

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GMW-O-15	10/04/10	74.23	25.80	25.85	0.05	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	04/12/11	74.23	22.53	22.55	0.02	NC	
GMW-O-15	10/10/11	74.23	23.22	23.79	0.57	NC	
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	NC	
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	09/26/12	74.23	-----	30.64	-----	43.59	
GMW-O-15	10/15/12	74.23	-----	31.82	-----	42.41	
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	04/26/13	74.23	-----	27.90	-----	46.33	
GMW-O-15	10/07/13	74.23	28.26	29.03	0.77	NC	
GMW-O-15	04/18/14	74.23	28.08	28.40	0.32	NC	
GMW-O-15	10/27/14	74.23	28.30	31.89	3.59	NC	
GMW-O-15	04/20/15	74.23	28.82	31.93	3.11	NC	
GMW-O-15	10/19/15	74.23	28.89	31.91	3.02	NC	
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	04/20/17	74.23	29.52	29.65	0.13	NC	
GMW-O-15	10/02/17	74.23	30.33	31.92	1.59	NC	
GMW-O-15	04/16/18	74.23	31.67	31.79	0.12	NC	
GMW-O-15	11/05/18	74.23	-----	32.38	-----	41.85	
GMW-O-15	11/05/18	74.23	-----	32.38	-----	41.85	
GMW-O-15	04/23/19	74.86	29.84	29.84	sheen	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	pump stuck in well; could not gauge				
GMW-O-16	05/28/96	74.10	-----	24.92	-----	49.18	
GMW-O-16	11/20/96	74.10	-----	25.89	-----	48.21	
GMW-O-16	07/01/97	74.10	-----	24.16	-----	49.94	
GMW-O-16	05/04/99	74.10	-----	23.19	-----	50.91	
GMW-O-16	08/09/99	74.10	-----	24.27	-----	49.83	
GMW-O-16	11/15/99	74.10	-----	25.02	-----	49.08	
GMW-O-16	05/15/00	74.10	-----	24.44	-----	49.66	

APPENDIX C
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 15306 Norwalk Boulevard, Norwalk, California 90650

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GMW-O-16	11/13/00	74.10	----	25.71	----	48.39
GMW-O-16	05/07/01	74.10	----	23.15	----	50.95
GMW-O-16	11/05/01	74.10	----	23.16	----	50.94
GMW-O-16	04/08/02	74.10	----	24.25	----	49.85
GMW-O-16	10/21/02	74.10	----	25.72	----	48.38
GMW-O-16	04/07/03	74.10	----	24.59	----	49.51
GMW-O-16	10/06/03	74.10	----	24.55	----	49.55
GMW-O-16	01/11/04	74.10	----	28.00	----	46.10
GMW-O-16	04/19/04	74.10	----	24.98	----	49.12
GMW-O-16	07/20/04	74.10	----	25.37	----	48.73
GMW-O-16	05/02/05	74.10	----	19.48	----	54.62
GMW-O-16	08/01/05	74.10	----	20.45	----	53.65
GMW-O-16	10/31/05	74.10	----	21.04	----	53.06
GMW-O-16	02/27/06	74.10	----	22.31	----	51.79
GMW-O-16	05/01/06	74.10	----	22.36	----	51.74
GMW-O-16	09/18/06	74.10	----	23.19	----	50.91
GMW-O-16	12/04/06	74.10	----	23.33	----	50.77
GMW-O-16	04/30/07	74.10	----	23.82	----	50.28
GMW-O-16	11/12/07	74.10	----	24.35	----	49.75
GMW-O-16	02/19/08	74.10	----	24.69	----	49.41
GMW-O-16	04/14/08	74.10	----	24.08	----	50.02
GMW-O-16	10/13/08	74.10	----	25.12	----	48.98
GMW-O-16	04/20/09	74.10	----	25.20	----	48.90
GMW-O-16	10/19/09	74.10	----	25.81	----	48.29
GMW-O-16	03/15/10	74.10	----	26.30	----	47.80
GMW-O-16	04/16/10	74.10	----	25.20	----	48.90
GMW-O-16	05/24/10	74.10	----	25.14	----	48.96
GMW-O-16	05/28/10	74.10	----	25.13	----	48.97
GMW-O-16	06/22/10	74.10	----	25.55	----	48.55
GMW-O-16	07/12/10	74.10	----	26.28	----	47.82
GMW-O-16	08/12/10	74.10	----	26.43	----	47.67
GMW-O-16	09/20/10	74.10	----	26.95	----	47.15
GMW-O-16	10/04/10	74.10	----	26.10	----	48.00
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

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-16	10/10/11	74.10	----	25.53	----	48.57
GMW-O-16	11/28/11	74.10	----	26.42	----	47.68
GMW-O-16	12/21/11	74.10	----	27.05	----	47.05
GMW-O-16	01/09/12	74.10	----	26.98	----	47.12
GMW-O-16	02/23/12	74.10	----	27.56	----	46.54
GMW-O-16	03/28/12	74.10	----	27.50	----	46.60
GMW-O-16	04/16/12	74.10	----	26.62	----	47.48
GMW-O-16	05/25/12	74.10	----	26.81	----	47.29
GMW-O-16	06/15/12	74.10	----	27.27	----	46.83
GMW-O-16	07/09/12	74.10	----	27.12	----	46.98
GMW-O-16	08/29/12	74.10	----	28.10	----	46.00
GMW-O-16	09/26/12	74.10	----	28.46	----	45.64
GMW-O-16	10/15/12	74.10	----	27.38	----	46.72
GMW-O-16	11/29/12	74.10	----	28.61	----	45.49
GMW-O-16	12/26/12	74.10	----	28.52	----	45.58
GMW-O-16	01/14/13	74.10	----	28.72	----	45.38
GMW-O-16	02/20/13	74.10	----	28.56	----	45.54
GMW-O-16	04/08/13	74.10	----	28.61	----	45.49
GMW-O-16	10/07/13	74.10	----	28.48	----	45.62
GMW-O-16	04/14/14	74.10	----	28.85	----	45.25
GMW-O-16	10/27/14	74.10	----	29.30	----	44.80
GMW-O-16	04/20/15	74.10	----	29.69	----	44.41
GMW-O-16	10/19/15	74.10	----	30.41	----	43.69
GMW-O-16	04/11/16	74.10	----	31.30	----	42.80
GMW-O-16	10/03/16	74.10	----	32.00	----	42.10
GMW-O-16	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	----	23.73	----	50.37
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-16	05/09/22	74.10	----	32.45	----	41.65
GMW-O-16	10/31/22	74.10	----	33.30	----	40.80
GMW-O-16	05/01/23	74.10	----	31.28	----	42.82
GMW-O-16	11/06/23	74.10	----	30.87	----	43.23
GMW-O-17	05/28/96	73.78	----	24.72	----	49.06
GMW-O-17	11/20/96	73.78	----	25.55	----	48.23
GMW-O-17	07/01/97	73.78	----	23.84	----	49.94
GMW-O-17	12/31/97	73.78	----	25.31	----	48.47

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-17	05/01/98	73.78	----	20.49	----	53.29
GMW-O-17	05/03/99	73.78	----	23.12	----	50.66
GMW-O-17	08/09/99	73.78	----	23.50	----	50.28
GMW-O-17	11/15/99	73.78	----	24.11	----	49.67
GMW-O-17	05/15/00	73.78	----	23.70	----	50.08
GMW-O-17	11/13/00	73.78	----	24.62	----	49.16
GMW-O-17	05/07/01	73.78	----	22.39	----	51.39
GMW-O-17	11/05/01	73.78	----	23.13	----	50.65
GMW-O-17	04/08/02	73.78	----	23.69	----	50.09
GMW-O-17	10/21/02	73.78	----	24.90	----	48.88
GMW-O-17	04/07/03	73.78	----	24.05	----	49.73
GMW-O-17	10/06/03	73.78	----	23.19	----	50.59
GMW-O-17	01/11/04	73.78	----	25.39	----	48.39
GMW-O-17	04/19/04	73.78	----	24.46	----	49.32
GMW-O-17	05/02/05	73.78	----	19.51	----	54.27
GMW-O-17	10/31/05	73.78	----	20.03	----	53.75
GMW-O-17	05/01/06	73.78	----	20.75	----	53.03
GMW-O-17	12/04/06	73.78	----	22.68	----	51.10
GMW-O-17	04/30/07	73.78	----	23.19	----	50.59
GMW-O-17	11/12/07	73.78	----	23.90	----	49.88
GMW-O-17	04/14/08	73.78	----	23.55	----	50.23
GMW-O-17	08/11/08	73.78	----	24.14	----	49.64
GMW-O-17	10/13/08	73.78	----	24.60	----	49.18
GMW-O-17	04/20/09	73.78	----	24.48	----	49.30
GMW-O-17	05/24/10	73.78	----	24.78	----	49.00
GMW-O-17	05/28/10	73.78	----	28.75	----	45.03
GMW-O-17	10/04/10	73.78	----	25.60	----	48.18
GMW-O-17	01/10/11	73.78	----	25.64	----	48.14
GMW-O-17	04/11/11	73.78	----	24.11	----	49.67
GMW-O-17	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	04/17/17	73.78	----	30.20	----	43.58

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-17	05/09/22	73.78	----	32.48	----	41.30
GMW-O-17	10/31/22	73.78	----	33.40	----	40.38
GMW-O-17	05/01/23	73.78	----	31.54	----	42.24
GMW-O-17	11/06/23	73.78	----	30.93	----	42.85
GMW-O-18	05/28/96	74.36	----	25.67	----	48.69
GMW-O-18	11/20/96	74.36	----	26.70	----	47.66
GMW-O-18	12/31/97	74.36	----	26.48	----	47.88
GMW-O-18	05/01/98	74.36	----	29.04	----	45.32
GMW-O-18	05/04/99	74.36	----	24.02	----	50.34
GMW-O-18	08/09/99	74.36	----	24.91	----	49.45
GMW-O-18	11/15/99	74.36	----	25.56	----	48.80
GMW-O-18	05/15/00	74.36	----	29.17	----	45.19
GMW-O-18	05/07/01	74.36	----	24.10	----	50.26
GMW-O-18	04/08/02	74.36	24.81	24.81	sheen	49.55
GMW-O-18	05/02/05	74.36	----	20.13	----	54.23
GMW-O-18	10/31/05	74.36	----	21.79	----	52.57
GMW-O-18	05/01/06	74.36	----	22.60	----	51.76
GMW-O-18	12/04/06	74.36	----	23.61	----	50.75
GMW-O-18	04/30/07	74.36	----	24.21	----	50.15
GMW-O-18	11/12/07	74.36	----	22.46	----	51.90
GMW-O-18	04/14/08	74.36	----	24.50	----	49.86
GMW-O-18	10/13/08	74.36	----	25.46	----	48.90
GMW-O-18	04/20/09	74.36	----	25.59	----	48.77
GMW-O-18	10/19/09	74.36	----	26.31	----	48.05
GMW-O-18	03/15/10	74.36	----	26.54	----	47.82
GMW-O-18	04/16/10	74.36	----	24.25	----	50.11
GMW-O-18	05/24/10	74.36	----	26.26	----	48.10
GMW-O-18	05/28/10	74.36	----	26.03	----	48.33
GMW-O-18	06/22/10	74.36	----	26.41	----	47.95
GMW-O-18	10/04/10	74.36	----	29.95	----	44.41
GMW-O-18	10/10/11	74.36	----	23.68	----	50.68
GMW-O-18	12/21/11	74.46	----	27.14	----	47.32
GMW-O-18	02/23/12	74.36	----	31.18	----	43.18
GMW-O-18	04/16/12	74.36	----	27.10	----	47.26

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	09/26/12	74.36	----	30.83	----	43.53
GMW-O-18	10/15/12	74.36	----	29.73	----	44.63
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	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	NC
GMW-O-18	10/27/14	74.36	29.52	29.95	0.43	NC
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	74.36	31.80	31.83	0.03	NC
GMW-O-18	10/02/17	74.36	31.30	31.32	0.02	NC
GMW-O-18	11/05/18	74.36	32.90	33.03	0.13	NC
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-18	05/09/22	74.32	----	29.62	----	44.70
GMW-O-18	10/31/22	74.32	----	34.00	----	40.32
GMW-O-18	05/01/23	74.32	----	32.11	----	42.21
GMW-O-18	11/06/23	74.32	----	31.53	----	42.79
GMW-O-19	05/28/96	74.46	----	25.29	----	49.17
GMW-O-19	11/20/96	74.46	----	26.28	----	48.18
GMW-O-19	07/01/97	74.46	----	24.70	----	49.76
GMW-O-19	12/31/97	74.46	----	25.92	----	48.54
GMW-O-19	08/09/99	74.46	----	24.09	----	50.37
GMW-O-19	11/15/99	74.46	----	24.82	----	49.64
GMW-O-19	05/15/00	74.46	----	24.43	----	50.03
GMW-O-19	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-19	01/11/04	74.46	----	26.02	----	48.44
GMW-O-19	04/19/04	74.46	----	25.04	----	49.42
GMW-O-19	07/20/04	74.46	----	25.35	----	49.11
GMW-O-19	05/02/05	74.46	----	20.05	----	54.41
GMW-O-19	08/01/05	74.46	----	20.82	----	53.64
GMW-O-19	10/31/05	74.46	----	21.36	----	53.10
GMW-O-19	02/27/06	74.46	----	22.06	----	52.40
GMW-O-19	05/01/06	74.46	----	22.35	----	52.11
GMW-O-19	12/04/06	74.46	----	23.32	----	51.14
GMW-O-19	04/30/07	74.46	----	23.98	----	50.48
GMW-O-19	11/12/07	74.46	----	24.57	----	49.89
GMW-O-19	04/14/08	74.46	----	24.24	----	50.22
GMW-O-19	10/13/08	74.46	----	25.36	----	49.10
GMW-O-19	04/20/09	74.46	----	25.22	----	49.24
GMW-O-19	10/19/09	74.46	----	26.26	----	48.20
GMW-O-19	03/15/10	74.46	----	26.16	----	48.30
GMW-O-19	04/16/10	74.46	----	25.30	----	49.16
GMW-O-19	05/24/10	74.46	----	25.53	----	48.93
GMW-O-19	05/28/10	74.46	----	25.47	----	48.99
GMW-O-19	06/22/10	74.46	----	25.64	----	48.82
GMW-O-19	07/12/10	74.46	----	26.04	----	48.42
GMW-O-19	08/12/10	74.46	----	26.23	----	48.23
GMW-O-19	09/20/10	74.46	----	26.52	----	47.94
GMW-O-19	10/04/10	74.46	----	26.31	----	48.15
GMW-O-19	11/16/10	74.46	----	26.67	----	47.79
GMW-O-19	12/22/10	74.46	----	26.70	----	47.76
GMW-O-19	01/10/11	74.46	----	26.37	----	48.09
GMW-O-19	02/24/11	74.46	----	25.55	----	48.91
GMW-O-19	03/23/11	74.46	----	25.29	----	49.17
GMW-O-19	04/11/11	74.46	----	24.75	----	49.71
GMW-O-19	05/13/11	74.46	----	25.11	----	49.35
GMW-O-19	06/22/11	74.46	----	25.27	----	49.19
GMW-O-19	07/11/11	74.46	----	25.42	----	49.04
GMW-O-19	08/19/11	74.46	----	25.32	----	49.14
GMW-O-19	09/22/11	74.46	----	25.82	----	48.64
GMW-O-19	10/10/11	74.46	----	25.40	----	49.06
GMW-O-19	11/28/11	74.46	----	25.96	----	48.50
GMW-O-19	12/21/11	74.46	----	26.43	----	48.03
GMW-O-19	01/09/12	74.46	----	26.56	----	47.90
GMW-O-19	02/23/12	74.46	----	27.08	----	47.38
GMW-O-19	03/28/12	74.46	----	27.14	----	47.32
GMW-O-19	04/16/12	74.46	----	26.88	----	47.58
GMW-O-19	05/25/12	74.46	----	27.01	----	47.45
GMW-O-19	06/15/12	74.46	----	27.23	----	47.23

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-19	07/09/12	74.46	----	27.27	----	47.19
GMW-O-19	08/29/12	74.46	----	27.58	----	46.88
GMW-O-19	09/26/12	74.46	----	27.90	----	46.56
GMW-O-19	10/15/12	74.46	----	27.46	----	47.00
GMW-O-19	11/29/12	74.46	----	28.16	----	46.30
GMW-O-19	12/26/12	74.46	----	28.03	----	46.43
GMW-O-19	01/14/13	74.46	----	28.02	----	46.44
GMW-O-19	02/20/13	74.46	----	28.28	----	46.18
GMW-O-19	04/08/13	74.46	----	28.36	----	46.10
GMW-O-19	10/07/13	74.46	----	28.68	----	45.78
GMW-O-19	04/14/14	74.46	----	28.82	----	45.64
GMW-O-19	10/27/14	74.46	----	29.34	----	45.12
GMW-O-19	04/20/15	74.46	----	28.41	----	46.05
GMW-O-19	10/19/15	74.46	----	30.63	----	43.83
GMW-O-19	04/11/16	74.46	----	31.70	----	42.76
GMW-O-19	10/03/16	74.46	----	32.20	----	42.26
GMW-O-19	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	----	27.11	----	47.35
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-19	05/09/22	74.46	----	32.28	----	42.18
GMW-O-19	10/31/22	74.46	----	33.43	----	41.03
GMW-O-19	05/01/23	74.46	----	31.37	----	43.09
GMW-O-19	11/06/23	74.46	----	30.87	----	43.59
GMW-O-20	05/07/01	73.34	----	22.15	----	51.19
GMW-O-20	08/15/08	73.34	----	25.90	----	47.44
GMW-O-20	10/17/08	73.34	----	25.82	----	47.52
GMW-O-20	04/21/09	73.32	----	28.70	----	44.62
GMW-O-20	10/04/10	73.32	31.10	31.20	0.10	NC
GMW-O-20	04/11/11	73.32	----	23.82	----	49.50
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	NC
GMW-O-20	01/14/13	73.32	32.93	32.98	0.05	NC
GMW-O-20	04/08/13	73.32	26.46	29.63	3.17	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
GMW-O-20	10/07/13	73.32	27.06	32.09	5.03	NC	
GMW-O-20	04/25/14	73.32	28.40	28.48	0.08	NC	
GMW-O-20	10/27/14	73.32	27.76	30.70	2.94	NC	
GMW-O-20	04/22/15	73.32	27.98	32.25	4.27	NC	
GMW-O-20	10/22/15	73.32	29.38	31.36	1.98	NC	
GMW-O-20	04/12/16	73.32	-----	32.48	-----	40.84	
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	32.50	32.53	0.03	NC	
GMW-O-20	05/04/20	73.32	-----	30.70	-----	42.62	
GMW-O-20	11/02/20	73.32	-----	30.97	-----	42.35	
GMW-O-20	05/03/21	73.32	-----	32.67	-----	40.65	
GMW-O-20	11/01/21	73.32	-----	34.90	-----	38.42	
GMW-O-20	05/09/22	73.32	-----	32.11	-----	41.21	
GMW-O-20	10/31/22	73.32	inaccessible due to construction				
GMW-O-20	05/01/23	73.32	-----	33.94	-----	39.38	
GMW-O-20	11/06/23	73.32	-----	34.71	-----	38.61	
GMW-O-21	10/06/03	73.49	-----	22.60	-----	50.89	
GMW-O-21	10/17/08	73.94	-----	26.00	-----	47.94	
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	10/15/12	71.43	-----	32.50	-----	38.93	
GMW-O-21	04/14/14	71.43	28.61	28.65	0.04	NC	
GMW-O-21	10/27/14	71.43	28.93	29.75	0.82	NC	
GMW-O-21	04/20/15	71.43	28.99	30.15	1.16	NC	
GMW-O-21	07/02/15	71.43	29.88	32.30	2.42	NC	
GMW-O-21	10/19/15	71.43	31.20	31.43	0.23	NC	
GMW-O-21	04/11/16	71.43	31.84	32.17	0.33	NC	
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	11/02/20	71.43	-----	30.30	-----	41.13	
GMW-O-21	05/03/21	71.43	-----	32.17	-----	39.26	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GMW-O-21	11/01/21	71.43	----	32.96	----	38.47
GMW-O-21	05/09/22	71.43	----	32.83	----	38.60
GMW-O-21	10/31/22	71.43	----	30.85	----	40.58
GMW-O-21	05/01/23	71.43	----	33.68	----	37.75
GMW-O-21	11/06/23	71.43	----	34.91	----	36.52
GMW-O-23	08/28/07	73.63	----	23.00	----	50.63
GMW-O-23	11/13/07	73.63	----	23.90	----	49.73
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	04/21/09	73.63	----	27.30	----	46.33
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	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	NC
GMW-O-23	10/07/13	73.63	28.30	32.86	4.56	NC
GMW-O-23	04/25/14	73.63	29.66	29.81	0.15	NC
GMW-O-23	10/27/14	73.63	28.80	32.51	3.71	NC
GMW-O-23	04/22/15	73.63	30.36	33.08	2.72	NC
GMW-O-23	10/22/15	73.63	30.46	32.82	2.36	NC
GMW-O-23	04/12/16	73.63	----	32.59	----	41.04
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	34.39	34.40	0.01	NC
GMW-O-23	05/04/20	73.63	----	31.92	----	41.71
GMW-O-23	11/02/20	73.63	----	32.24	----	41.39
GMW-O-23	05/03/21	73.63	----	32.91	----	40.72
GMW-O-23	11/01/21	73.63	----	33.75	----	39.88
GMW-O-23	05/09/22	73.63	----	33.40	----	40.23
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	inaccessible; beehive in wellbox			
GMW-O-24	04/16/19	74.39	----	31.59	----	42.80
GMW-O-24	10/28/19	74.39	----	DRY	----	----
GMW-O-24	05/04/20	74.39	----	32.07	----	42.32
GMW-O-24	05/03/21	74.39	----	33.00	----	41.39
GMW-O-24	11/01/21	74.39	----	36.21	----	38.18
GMW-O-24	05/09/22	74.39	----	33.36	----	41.03
GMW-O-24	10/31/22	74.39	----	34.21	----	40.18
GMW-O-24	05/01/23	74.39	----	32.62	----	41.77
GMW-O-24	11/06/23	74.39	----	31.95	----	42.44
GMW-SF-7	05/28/96	75.26	----	26.65	----	48.61
GMW-SF-7	11/20/96	75.26	----	27.71	----	47.55
GMW-SF-7	12/31/97	75.26	----	27.11	----	48.15
GMW-SF-7	05/03/99	75.26	----	25.30	----	49.96
GMW-SF-7	08/09/99	75.26	----	25.79	----	49.47
GMW-SF-7	11/15/99	75.26	----	26.38	----	48.88
GMW-SF-7	05/15/00	75.26	----	25.88	----	49.38
GMW-SF-7	11/13/00	75.26	----	26.82	----	48.44
GMW-SF-7	05/07/01	75.26	----	24.35	----	50.91
GMW-SF-7	11/05/01	75.26	----	25.33	----	49.93
GMW-SF-7	02/01/02	75.26	----	25.52	----	49.74
GMW-SF-7	04/08/02	75.26	----	26.60	----	48.66
GMW-SF-7	10/21/02	75.26	----	27.02	----	48.24
GMW-SF-7	01/27/03	75.26	----	26.64	----	48.62
GMW-SF-7	04/07/03	75.26	----	25.70	----	49.56
GMW-SF-7	07/31/03	75.26	----	25.72	----	49.54
GMW-SF-7	10/06/03	75.26	----	26.57	----	48.69
GMW-SF-7	01/11/04	75.26	----	27.54	----	47.72
GMW-SF-7	01/27/04	75.26	----	26.65	----	48.61
GMW-SF-7	04/19/04	75.26	----	26.64	----	48.62
GMW-SF-7	07/19/04	75.26	----	26.89	----	48.37
GMW-SF-7	02/01/05	75.26	----	25.15	----	50.11
GMW-SF-7	05/02/05	75.26	----	20.52	----	54.74
GMW-SF-7	08/01/05	75.26	----	22.03	----	53.23

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	04/17/17	75.26	----	31.47	----	43.79
GMW-SF-7	10/02/17	75.26	----	33.17	----	42.09
GMW-SF-7	04/16/18	75.26	----	34.21	----	41.05
GMW-SF-7	11/05/18	75.26	----	34.77	----	40.49
GMW-SF-7	04/16/19	75.26	----	32.22	----	43.04
GMW-SF-7	10/28/19	75.26	----	34.00	----	41.26
GMW-SF-7	05/04/20	75.26	----	32.89	----	42.37
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-7	05/09/22	75.26	----	34.14	----	41.12
GMW-SF-8	05/28/96	76.75	----	27.82	----	48.93
GMW-SF-8	11/20/96	76.75	----	28.77	----	47.98
GMW-SF-8	07/01/97	76.75	----	27.35	----	49.40
GMW-SF-8	12/31/97	76.75	----	28.42	----	48.33

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/10/11	76.75	----	28.18	----	48.57
GMW-SF-8	01/09/12	76.75	----	28.92	----	47.83
GMW-SF-8	04/16/12	76.75	----	29.34	----	47.41
GMW-SF-8	07/09/12	76.75	----	30.09	----	46.66
GMW-SF-8	10/15/12	76.75	----	30.21	----	46.54
GMW-SF-8	01/14/13	76.75	----	30.92	----	45.83
GMW-SF-8	04/08/13	76.75	----	30.98	----	45.77
GMW-SF-8	10/07/13	76.75	----	32.16	----	44.59

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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-8	05/09/22	76.75	----	35.98	----	40.77
GMW-SF-8	10/31/22	74.28	----	34.35	----	39.93
GMW-SF-8	05/01/23	76.75	----	32.15	----	44.60
GMW-SF-8	11/06/23	74.28	----	32.21	----	42.07
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	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	09/05/14	73.05	28.29	29.33	1.04	NC
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-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
GMW-SF-10	04/16/12	75.77	----	28.81	----	46.96
GMW-SF-10	10/15/12	75.77	----	29.88	----	45.89
GW-1	05/01/98	75.00	----	27.17	----	47.83

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/15	75.97	----	33.54	----	42.43
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	10/19/20	75.97	----	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
GW-1	05/09/22	75.97	----	36.76	----	39.21

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-1	10/31/22	75.97	----	36.90	----	39.07
GW-1	05/01/23	75.97	----	36.54	----	39.43
GW-1	11/06/23	75.97	----	35.72	----	40.25
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	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	10/19/15	75.78	----	33.21	----	42.57
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/20	75.78	----	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-2	05/10/22	75.78	----	36.14	----	39.64
GW-2	10/31/22	75.78	----	36.30	----	39.48
GW-2	05/01/23	75.78	----	36.16	----	39.62
GW-2	11/06/23	75.78	----	35.35	----	40.43
GW-3	05/01/98	75.00	----	28.26	----	46.74
GW-3	05/25/99	76.56	----	28.90	----	47.66
GW-3	05/15/00	76.56	----	29.29	----	47.27
GW-3	05/07/01	76.56	----	28.63	----	47.93
GW-3	04/08/02	76.56	----	29.23	----	47.33
GW-3	10/21/02	76.56	----	29.26	----	47.30
GW-3	04/07/03	76.56	----	28.25	----	48.31
GW-3	10/06/03	76.56	----	29.06	----	47.50
GW-3	04/19/04	76.56	----	30.24	----	46.32
GW-3	11/01/04	75.79	----	28.84	----	46.95
GW-3	05/02/05	76.56	----	25.65	----	50.91
GW-3	05/01/06	75.79	----	25.90	----	49.89
GW-3	12/01/06	75.79	----	26.31	----	49.48
GW-3	04/30/07	73.86	----	26.65	----	47.21
GW-3	11/12/07	75.79	----	27.11	----	48.68
GW-3	04/11/08	76.56	----	27.92	----	48.64
GW-3	07/24/08	75.79	----	27.79	----	48.00
GW-3	10/13/08	75.79	----	28.39	----	47.40
GW-3	02/09/09	75.79	----	27.12	----	48.67
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/15	75.79	----	33.39	----	42.40
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	10/25/17	75.79	----	34.77	----	41.02
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	75.79	----	35.71	----	40.08
GW-3	11/02/20	75.79	----	35.79	----	40.00
GW-3	05/04/21	75.79	----	38.00	----	37.79
GW-3	11/01/21	75.79	----	36.29	----	39.50
GW-3	05/09/22	75.79	----	36.50	----	39.29
GW-3	10/31/22	75.79	----	36.65	----	39.14
GW-3	05/01/23	75.79	----	36.46	----	39.33
GW-3	11/06/23	75.79	----	35.66	----	40.13
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	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	10/19/15	73.86	----	31.79	----	42.07
GW-4	04/11/16	73.86	----	32.19	----	41.67
GW-4	10/03/16	73.86	----	32.82	----	41.04

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-4	04/17/17	73.86	----	DRY	----	----
GW-4	10/02/17	73.86	well full of mud			
GW-4	11/05/18	73.86	obstruction at 17.65 feet			
GW-4	04/15/19	73.86	----	33.29	----	40.57
GW-4	10/28/19	73.86	----	33.74	----	40.12
GW-4	10/19/20	73.86	obstruction at 26.37 feet			
GW-4	05/09/22	73.86	obstruction at 26.40 feet			
GW-4	11/02/22	73.86	pump in well; could not gauge			
GW-4	05/01/23	73.86	pump in well; could not gauge			
GW-4	11/08/23	73.86	----	33.38	----	40.48
GW-5	05/01/98	75.00	----	26.42	----	48.58
GW-5	05/25/99	77.09	----	29.01	----	48.08
GW-5	05/15/00	77.09	----	36.26	----	40.83
GW-5	05/07/01	77.09	----	30.32	----	46.77
GW-5	04/08/02	77.09	----	29.75	----	47.34
GW-5	10/21/02	77.09	----	30.27	----	46.82
GW-5	04/07/03	77.09	----	29.30	----	47.79
GW-5	10/06/03	77.09	----	29.34	----	47.75
GW-5	04/19/04	77.09	----	30.24	----	46.85
GW-5	11/01/04	77.09	----	30.02	----	47.07
GW-5	05/02/05	77.09	----	25.81	----	51.28
GW-5	05/01/06	77.09	----	26.87	----	50.22
GW-5	12/01/06	77.09	----	27.45	----	49.64
GW-5	04/27/07	77.09	----	27.75	----	49.34
GW-5	11/12/07	77.09	----	28.36	----	48.73
GW-5	04/11/08	77.09	----	28.17	----	48.92
GW-5	07/24/08	77.09	----	28.62	----	48.47
GW-5	10/13/08	77.09	----	29.21	----	47.88
GW-5	02/09/09	76.99	----	27.68	----	49.31
GW-5	04/07/10	76.99	----	29.88	----	47.11
GW-5	10/01/10	76.99	----	30.03	----	46.96
GW-5	01/06/11	76.99	----	30.18	----	46.81
GW-5	04/06/11	76.99	----	29.11	----	47.88
GW-5	07/08/11	76.99	----	29.24	----	47.75
GW-5	10/06/11	76.99	----	29.58	----	47.41
GW-5	04/12/12	76.99	----	30.48	----	46.51
GW-5	01/10/13	76.99	----	31.68	----	45.31
GW-5	04/02/13	76.99	----	31.59	----	45.40
GW-5	10/01/13	76.99	----	32.33	----	44.66
GW-5	04/07/14	76.99	----	33.22	----	43.77
GW-5	10/27/14	76.99	----	33.45	----	43.54
GW-5	Well decommissioned in December 2014 prior to remedial excavation					
GW-5R	10/02/17	79.06	----	37.61	----	41.45

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/20	79.06	----	38.59	----	40.47
GW-5R	05/03/21	79.06	----	38.80	----	40.26
GW-5R	11/01/21	79.06	----	39.29	----	39.77
GW-5R	05/09/22	79.06	----	39.47	----	39.59
GW-5R	11/01/22	79.06	----	39.45	----	39.61
GW-5R	05/01/23	79.06	----	39.00	----	40.06
GW-5R	11/06/23	79.06	----	38.29	----	40.77
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
GW-6	02/09/09	76.38	----	27.38	----	49.00
GW-6	04/20/09	76.38	----	28.41	----	47.97
GW-6	10/19/09	76.38	----	29.32	----	47.06
GW-6	04/07/10	76.38	----	30.21	----	46.17
GW-6	04/12/10	76.38	----	29.61	----	46.77
GW-6	01/06/11	76.38	----	29.45	----	46.93
GW-6	04/06/11	76.38	----	28.35	----	48.03
GW-6	07/07/11	76.38	28.51	28.52	0.01	NC
GW-6	10/06/11	76.38	----	28.88	----	47.50
GW-6	04/12/12	76.38	----	29.88	----	46.50
GW-6	04/18/12	76.38	----	29.65	----	46.73
GW-6	01/10/13	76.38	----	31.13	----	45.25
GW-6	04/02/13	76.38	----	31.03	----	45.35

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	10/19/20	76.38	----	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-6	05/09/22	76.38	----	36.80	----	39.58
GW-6	11/01/22	76.38	----	37.07	----	39.31
GW-6	05/01/23	76.38	----	36.43	----	39.95
GW-6	11/06/23	76.38	----	35.90	----	40.48
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	04/11/08	76.76	----	27.50	----	49.26
GW-7	07/24/08	76.46	----	27.62	----	48.84
GW-7	10/14/08	76.46	----	28.55	----	47.91
GW-7	02/10/09	75.02	----	27.75	----	47.27
GW-7	04/08/10	76.76	----	29.04	----	47.72
GW-7	10/01/10	75.02	----	27.91	----	47.11
GW-7	01/07/11	75.02	----	28.12	----	46.90
GW-7	04/06/11	75.02	----	26.94	----	48.08
GW-7	07/08/11	75.02	----	27.00	----	48.02

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-7	10/06/11	75.02	----	27.50	----	47.52
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	10/19/15	75.02	33.29	33.52	0.23	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	10/19/20	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-7	05/10/22	75.02	----	36.11	----	38.91
GW-7	11/01/22	75.02	----	36.48	----	38.54
GW-7	05/02/23	75.02	----	34.75	----	40.27
GW-7	11/06/23	75.02	----	34.77	----	40.25
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-8	04/11/08	76.15	----	27.35	----	48.80
GW-8	07/24/08	76.15	----	27.81	----	48.34
GW-8	10/13/08	76.15	----	28.40	----	47.75
GW-8	02/09/09	76.15	----	28.59	----	47.56
GW-8	07/16/09	76.15	----	28.48	----	47.67
GW-8	04/07/10	76.15	----	29.04	----	47.11
GW-8	10/01/10	76.15	----	29.19	----	46.96
GW-8	01/06/11	76.15	----	29.32	----	46.83
GW-8	04/06/11	76.15	----	28.27	----	47.88
GW-8	07/07/11	76.15	----	28.41	----	47.74
GW-8	10/06/11	76.15	----	28.76	----	47.39
GW-8	04/12/12	76.15	----	29.98	----	46.17
GW-8	01/10/13	76.15	----	30.85	----	45.30
GW-8	04/02/13	76.15	----	30.80	----	45.35
GW-8	10/01/13	76.15	----	31.53	----	44.62
GW-8	04/07/14	76.15	----	32.31	----	43.84
GW-8	04/17/14	76.15	----	31.99	----	44.16
GW-8	10/27/14	76.15	----	32.62	----	43.53
GW-8	04/20/15	76.15	----	32.95	----	43.20
GW-8	10/20/15	76.15	----	33.76	----	42.39
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	76.15	----	35.79	----	40.36
GW-8	11/02/20	76.15	----	35.84	----	40.31
GW-8	05/03/21	76.15	----	36.01	----	40.14
GW-8	11/01/21	76.15	----	36.50	----	39.65
GW-8	05/09/22	76.15	----	36.72	----	39.43
GW-8	11/01/22	76.15	----	36.98	----	39.17
GW-8	05/01/23	76.15	----	36.30	----	39.85
GW-8	11/06/23	76.15	----	35.48	----	40.67
GW-13	11/12/07	76.85	----	28.31	----	48.54
GW-13	07/24/08	77.45	----	28.91	----	48.54
GW-13	10/13/08	77.45	----	29.29	----	48.16
GW-13	02/09/09	76.85	----	28.88	----	47.97
GW-13	04/20/09	76.85	----	29.48	----	47.37
GW-13	10/19/09	76.85	----	29.92	----	46.93
GW-13	04/12/10	76.85	----	29.91	----	46.94

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-13	01/06/11	76.85	----	33.10	----	43.75
GW-13	04/08/11	76.85	----	29.49	----	47.36
GW-13	07/07/11	76.85	----	29.45	----	47.40
GW-13	10/06/11	76.85	----	29.64	----	47.21
GW-13	04/12/12	76.85	----	30.52	----	46.33
GW-13	04/18/12	76.85	----	30.27	----	46.58
GW-13	01/10/13	76.85	----	31.63	----	45.22
GW-13	04/02/13	76.85	----	31.51	----	45.34
GW-13	04/08/13	76.85	----	31.41	----	45.44
GW-13	10/01/13	76.85	----	32.24	----	44.61
GW-13	04/07/14	76.85	----	33.28	----	43.57
GW-13	04/15/14	76.85	----	33.00	----	43.85
GW-13	10/27/14	76.85	----	33.35	----	43.50
GW-13	04/20/15	76.85	----	33.72	----	43.13
GW-13	10/19/15	76.85	----	34.42	----	42.43
GW-13	04/11/16	76.85	----	34.82	----	42.03
GW-13	10/03/16	76.85	----	35.32	----	41.53
GW-13	04/17/17	76.85	----	35.35	----	41.50
GW-13	10/02/17	76.85	----	34.17	----	42.68
GW-13	04/16/18	76.85	----	35.36	----	41.49
GW-13	11/05/18	76.85	----	36.85	----	40.00
GW-13	04/15/19	76.85	----	35.89	----	40.96
GW-13	10/29/19	76.85	----	36.61	----	40.24
GW-13	05/05/20	76.85	----	36.50	----	40.35
GW-13	10/19/20	76.85	----	36.55	----	40.30
GW-13	05/03/21	76.85	----	36.85	----	40.00
GW-13	11/01/21	76.85	----	37.14	----	39.71
GW-13	05/09/22	76.85	----	37.33	----	39.52
GW-13	10/31/22	76.85	----	37.48	----	39.37
GW-13	05/01/23	76.85	----	37.19	----	39.66
GW-13	11/06/23	76.85	----	36.40	----	40.45
GW-13(1in)	04/11/08	77.10	----	28.30	----	48.80
GW-13(1in)	01/11/10	77.10	----	30.24	----	46.86
GW-13(1in)	04/07/10	77.10	----	30.08	----	47.02
GW-14	11/09/07	76.54	----	27.85	----	48.69
GW-14	04/14/08	76.54	----	27.36	----	49.18
GW-14	07/24/08	76.54	----	26.02	----	50.52
GW-14	10/13/08	76.54	----	28.79	----	47.75
GW-14	02/10/09	76.54	----	26.62	----	49.92
GW-14	04/20/09	76.54	----	28.27	----	48.27
GW-14	10/19/09	76.54	----	27.46	----	49.08
GW-14	04/08/10	76.54	----	28.70	----	47.84

APPENDIX C
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 Defense Fuel Support Point Norwalk
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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-14	04/12/10	76.54	----	28.40	----	48.14
GW-14	01/08/11	76.54	----	29.45	----	47.09
GW-14	04/08/11	76.54	----	27.98	----	48.56
GW-14	07/08/11	76.54	----	28.31	----	48.23
GW-14	10/06/11	76.54	----	28.93	----	47.61
GW-14	04/12/12	76.54	----	29.95	----	46.59
GW-14	04/20/12	76.54	----	29.90	----	46.64
GW-14	01/10/13	76.54	----	33.29	----	43.25
GW-14	04/03/13	76.54	----	31.29	----	45.25
GW-14	04/08/13	76.54	----	31.17	----	45.37
GW-14	10/02/13	76.54	----	32.04	----	44.50
GW-14	04/09/14	76.54	----	32.65	----	43.89
GW-14	04/16/14	76.54	----	32.42	----	44.12
GW-14	10/27/14	76.54	----	32.87	----	43.67
GW-14	Well decommissioned in December 2014 prior to remedial excavation					
GW-14(1in)	01/12/10	76.55	----	29.84	----	46.71
GW-14R	10/03/17	78.77	33.35	35.03	1.68	NC
GW-14R	04/16/18	78.77	33.80	36.50	2.70	NC
GW-14R	11/05/18	78.77	34.22	37.69	3.47	NC
GW-14R	04/15/19	78.77	33.74	34.76	1.02	NC
GW-14R	10/30/19	78.77	34.30	34.87	0.57	NC
GW-14R	10/19/20	78.77	well under vacuum, could not gauge			
GW-14R	05/03/21	78.77	----	34.49	----	44.28
GW-14R	11/02/21	78.77	----	36.28	----	42.49
GW-14R	05/10/22	78.77	pump blocking reading at 26.20 feet			
GW-14R	11/02/22	78.77	----	34.27	----	44.50
GW-14R	05/04/23	78.77	----	35.62	----	43.15
GW-14R	11/08/23	78.77	----	32.35	----	46.42
GW-15	04/11/08	74.94	----	26.19	----	48.75
GW-15	04/12/10	74.94	27.58	29.63	2.05	NC
GW-15	04/08/11	74.94	26.75	26.76	0.01	NC
GW-15	07/07/11	74.94	27.57	27.61	0.04	NC
GW-15	10/06/11	74.94	28.38	28.40	0.02	NC
GW-15	04/12/12	74.94	29.54	29.55	0.01	NC
GW-15	01/11/13	74.94	----	30.39	----	44.55
GW-15	04/03/13	74.94	29.13	35.20	6.07	NC
GW-15	10/02/13	74.94	31.70	35.01	3.31	NC
GW-15	04/09/14	74.94	----	32.08	----	42.86
GW-15	04/17/14	74.94	31.50	33.00	1.50	NC
GW-15	10/27/14	74.94	32.82	32.87	0.05	NC
GW-15	04/20/15	74.94	----	32.39	----	42.55
GW-15	10/21/15	74.94	----	33.34	----	41.60
GW-15	04/13/16	74.94	33.68	33.75	0.07	NC

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
GW-15	10/03/16	74.94	----	34.31	----	40.63	
GW-15	04/20/17	74.94	----	33.91	----	41.03	
GW-15	10/03/17	74.94	----	33.58	----	41.36	
GW-15	04/16/18	74.94	----	34.36	----	40.58	
GW-15	11/05/18	74.94	activated pump in well; not gauged				
GW-15	04/18/19	74.94	----	34.51	----	40.43	
GW-15	10/29/19	74.94	----	34.03	----	40.91	
GW-15	05/05/20	74.94	----	34.25	----	40.69	
GW-15	10/19/20	74.94	----	33.79	----	41.15	
GW-15	05/04/21	74.94	----	33.94	----	41.00	
GW-15	11/02/21	74.94	----	33.91	----	41.03	
GW-15	05/10/22	74.94	----	35.25	----	39.69	
GW-15	10/31/22	74.94	----	33.68	----	41.26	
GW-15	05/01/23	74.94	----	34.83	----	40.11	
GW-15	11/06/23	74.94	----	34.87	----	40.07	
GW-15(1in)	07/24/08	75.36	27.50	27.55	0.05	NC	
GW-15(1in)	10/16/08	75.36	28.15	28.16	0.01	NC	
GW-15(1in)	02/09/09	75.36	27.98	28.02	0.04	NC	
GW-15(1in)	07/17/09	75.36	28.51	28.59	0.08	NC	
GW-15(1in)	04/08/10	75.36	27.74	29.43	1.69	NC	
GW-16	10/19/09	76.33	----	29.94	----	46.39	
GW-16	04/12/10	76.33	----	28.71	----	47.62	
GW-16	07/07/11	76.33	----	28.96	----	47.37	
GW-16	10/06/11	76.33	----	29.34	----	46.99	
GW-16	04/12/12	76.33	----	30.12	----	46.21	
GW-16	01/11/13	76.33	----	31.30	----	45.03	
GW-16	04/03/13	76.33	----	31.10	----	45.23	
GW-16	10/02/13	76.33	----	31.77	----	44.56	
GW-16	04/09/14	76.33	----	32.09	----	44.24	
GW-16	04/16/14	76.33	----	31.95	----	44.38	
GW-16	10/27/14	76.33	----	32.46	----	43.87	
GW-16	04/20/15	76.33	----	32.71	----	43.62	
GW-16	10/21/15	76.33	----	33.55	----	42.78	
GW-16	04/13/16	76.33	----	34.12	----	42.21	
GW-16	10/03/16	76.33	----	34.65	----	41.68	
GW-16	04/18/17	76.33	----	34.07	----	42.26	
GW-16	10/03/17	76.33	----	34.57	----	41.76	
GW-16	04/16/18	76.33	----	35.31	----	41.02	
GW-16	11/05/18	76.33	----	35.85	----	40.48	
GW-16	04/16/19	76.33	----	34.97	----	41.36	
GW-16	10/28/19	76.33	----	35.26	----	41.07	
GW-16	05/04/20	76.33	----	33.80	----	42.53	

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GW-16	10/19/20	76.33	----	35.22	----	41.11
GW-16	05/03/21	76.33	----	34.94	----	41.39
GW-16	11/02/21	76.33	----	35.27	----	41.06
GW-16	05/09/22	76.33	----	36.60	----	39.73
GW-16	11/02/22	76.33	----	38.60	----	37.73
GW-16	05/01/23	76.33	----	NM	----	NC
GW-16	11/08/23	76.33	----	44.80	----	31.53
GW-16(1in)	07/17/09	76.55	----	28.87	----	47.68
GW-16(1in)	01/12/10	76.55	----	29.94	----	46.61
GW-16(1in)	04/07/11	76.33	----	28.55	----	47.78
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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GWR-1	04/11/11	77.40	----	27.50	----	49.90
GWR-1	10/10/11	77.40	----	25.45	----	51.95
GWR-1	04/16/12	77.40	----	27.53	----	49.87
GWR-1	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-1	Well decommissioned in December 2014 prior to remedial excavation					
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-1R	05/09/22	76.64	----	36.29	----	40.35
GWR-1R	10/31/22	76.64	----	36.60	----	40.04
GWR-1R	05/01/23	76.64	----	35.93	----	40.71
GWR-1R	11/06/23	76.64	----	36.53	----	40.11
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	NC
GWR-3	05/15/00	74.93	28.67	31.92	3.25	NC
GWR-3	11/13/00	74.93	----	37.59	----	37.34
GWR-3	05/07/01	74.93	27.20	28.15	0.95	NC
GWR-3	11/05/01	74.93	----	27.95	----	46.98
GWR-3	04/08/02	74.93	----	27.58	----	47.35
GWR-3	05/02/05	74.93	----	26.12	----	48.81
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	04/21/09	74.93	----	29.97	----	44.96
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
GWR-3	04/16/12	74.93	----	29.56	----	45.37
GWR-3	10/15/12	77.60	----	31.21	----	46.39
GWR-3	04/08/13	77.60	29.18	29.21	0.03	NC
GWR-3	10/07/13	77.60	31.67	36.20	4.53	NC
GWR-3	04/14/14	77.60	32.23	38.80	6.57	NC
GWR-3	10/27/14	77.60	33.49	34.68	1.19	NC
GWR-3	04/20/15	77.60	33.34	37.25	3.91	NC
GWR-3	07/24/15	77.60	33.95	41.30	7.35	NC
GWR-3	10/20/15	77.60	34.65	35.98	1.33	NC
GWR-3	04/11/16	77.60	----	36.90	----	40.70
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
GWR-3	05/09/22	77.60	----	37.21	----	40.39
GWR-3	10/31/22	77.60	----	37.43	----	40.17
GWR-3	05/01/23	77.60	----	37.34	----	40.26
GWR-3	11/06/23	77.60	----	38.50	----	39.10
HL-1	08/07/01	75.83	----	26.46	----	49.37
HL-1	04/08/02	75.83	----	27.30	----	48.53
HL-1	11/04/02	75.83	----	28.12	----	47.71
HL-1	04/07/03	75.83	----	27.72	----	48.11
HL-1	10/06/03	75.83	----	27.30	----	48.53
HL-1	01/11/04	75.83	----	28.72	----	47.11
HL-1	04/19/04	75.83	----	28.41	----	47.42
HL-1	05/02/05	75.83	----	23.71	----	52.12
HL-1	10/31/05	75.83	----	25.43	----	50.40
HL-2	05/28/96	76.91	----	30.94	----	45.97
HL-2	11/20/96	76.91	----	30.15	----	46.76
HL-2	07/01/97	76.91	----	31.20	----	45.71
HL-2	12/31/97	76.91	----	30.34	----	46.57
HL-2	05/01/98	76.91	----	28.16	----	48.75
HL-2	05/04/99	76.91	----	28.10	----	48.81
HL-2	08/09/99	76.91	----	28.37	----	48.54
HL-2	11/15/99	76.91	----	28.08	----	48.83

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	01/20/04	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	10/10/11	76.94	----	28.54	----	48.40
HL-2	01/09/12	76.94	----	29.10	----	47.84
HL-2	04/16/12	76.94	----	29.50	----	47.44
HL-2	07/09/12	76.94	----	30.22	----	46.72
HL-2	10/15/12	76.94	----	30.22	----	46.72
HL-2	01/14/13	76.94	----	31.02	----	45.92
HL-2	04/08/13	76.94	----	30.99	----	45.95
HL-2	10/07/13	76.94	----	32.21	----	44.73
HL-2	04/14/14	76.94	----	32.53	----	44.41
HL-2	10/27/14	76.94	----	32.89	----	44.05
HL-2	04/20/15	76.94	----	33.37	----	43.57
HL-2	10/19/15	76.94	----	34.08	----	42.86
HL-2	04/11/16	76.94	----	35.51	----	41.43
HL-2	10/03/16	76.94	----	35.17	----	41.77

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
HL-2	04/17/17	76.94	----	34.45	----	42.49
HL-2	10/02/17	76.94	----	37.24	----	39.70
HL-2	04/16/18	76.94	----	37.49	----	39.45
HL-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-2	05/09/22	76.94	----	36.58	----	40.36
HL-2	10/31/22	76.94	----	36.70	----	40.24
HL-2	05/01/23	76.94	----	36.99	----	39.95
HL-2	11/06/23	76.94	----	37.65	----	39.29
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	10/15/12	76.86	----	30.64	----	46.22
HL-3	04/08/13	76.86	----	31.61	----	45.25
HL-3	10/07/13	76.86	----	32.50	----	44.36
HL-3	04/14/14	76.86	----	32.68	----	44.18
HL-3	04/14/14	76.86	----	32.68	----	44.18

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 Defense Fuel Support Point Norwalk
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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
HL-3	04/20/15	76.86	----	33.43	----	43.43
HL-3	10/19/15	76.86	----	34.15	----	42.71
HL-3	04/11/16	76.86	----	36.03	----	40.83
HL-3	10/03/16	76.86	----	37.22	----	39.64
HL-3	04/17/17	76.86	----	34.06	----	42.80
HL-3	10/02/17	76.86	----	37.15	----	39.71
HL-3	04/16/18	76.86	----	37.19	----	39.67
HL-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-3	05/09/22	76.86	----	36.70	----	40.16
HL-3	10/31/22	76.86	----	36.82	----	40.04
HL-3	05/01/23	76.86	----	35.84	----	41.02
HL-3	11/06/23	76.86	----	36.35	----	40.51
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	11/05/01	75.75	----	26.90	----	48.85
HL-4	04/08/02	75.75	----	27.42	----	48.33
HL-4	10/21/02	75.75	----	28.02	----	47.73
HL-4	04/07/03	75.75	----	25.86	----	49.89
HL-4	10/06/03	75.75	----	27.59	----	48.16
HL-4	01/11/04	75.75	----	29.01	----	46.74
HL-4	04/19/04	75.75	----	28.81	----	46.94
HL-5	08/07/01	76.53	----	27.29	----	49.24
HL-5	10/21/02	76.13	----	28.40	----	47.73
HL-5	04/07/03	76.13	----	26.06	----	50.07
HL-5	10/06/03	76.13	----	27.65	----	48.48
HL-5	01/11/04	76.13	----	29.07	----	47.06
HL-5	04/19/04	76.13	----	28.88	----	47.25
MW-6	05/28/96	77.20	----	30.52	----	46.68
MW-6	11/20/96	77.20	----	30.88	----	46.32
MW-6	07/01/97	77.20	----	32.12	----	45.08
MW-6	12/31/97	77.20	----	31.26	----	45.94

APPENDIX C
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 Defense Fuel Support Point Norwalk
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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-6	04/16/19	77.20	----	35.45	----	41.75
MW-6	10/28/19	77.20	----	36.77	----	40.43
MW-6	05/04/20	77.20	----	36.31	----	40.89
MW-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-6	05/09/22	77.20	----	35.35	----	41.85
MW-6	10/31/22	77.20	----	37.58	----	39.62
MW-6	05/01/23	77.20	----	36.97	----	40.23
MW-6	11/06/23	77.20	----	36.26	----	40.94
MW-7	05/28/96	78.13	----	32.10	----	46.03
MW-7	11/20/96	78.13	----	32.65	----	45.48
MW-7	07/01/97	78.13	----	34.04	----	44.09
MW-7	12/31/97	78.13	----	32.78	----	45.35
MW-7	05/01/98	78.13	----	30.17	----	47.96
MW-7	05/03/99	78.13	----	30.64	----	47.49
MW-7	08/09/99	78.13	----	30.56	----	47.57
MW-7	11/15/99	78.13	----	30.40	----	47.73
MW-7	05/15/00	78.13	----	30.30	----	47.83
MW-7	11/13/00	78.13	----	31.69	----	46.44
MW-7	05/07/01	78.13	----	29.43	----	48.70
MW-7	11/05/01	78.13	----	29.34	----	48.79
MW-7	04/08/02	78.13	----	30.05	----	48.08
MW-7	10/21/02	78.13	----	30.42	----	47.71
MW-7	04/07/03	78.13	----	31.46	----	46.67
MW-7	10/06/03	78.13	----	30.50	----	47.63
MW-7	01/11/04	78.13	----	32.16	----	45.97
MW-7	04/19/04	78.13	----	32.30	----	45.83
MW-7	05/02/05	78.13	----	27.06	----	51.07
MW-7	10/31/05	78.13	----	27.11	----	51.02
MW-7	05/01/06	78.13	----	27.51	----	50.62
MW-7	12/04/06	78.13	----	28.34	----	49.79
MW-7	04/30/07	78.13	----	28.37	----	49.76
MW-7	11/12/07	78.13	----	28.73	----	49.40
MW-7	04/14/08	78.13	----	29.75	----	48.38
MW-7	10/13/08	78.13	----	29.63	----	48.50
MW-7	04/20/09	78.13	----	29.76	----	48.37
MW-7	10/19/09	78.13	----	30.70	----	47.43
MW-7	05/24/10	78.13	----	30.70	----	47.43
MW-7	05/28/10	78.13	----	30.68	----	47.45
MW-7	10/04/10	78.13	----	28.16	----	49.97
MW-7	04/11/11	78.13	----	29.64	----	48.49
MW-7	10/10/11	78.13	----	30.02	----	48.11

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-7	04/16/12	78.13	----	31.04	----	47.09
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	----	32.69	----	45.44
MW-7	04/11/16	78.13	----	36.75	----	41.38
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-7	05/09/22	78.13	----	38.00	----	40.13
MW-7	10/31/22	78.13	----	38.22	----	39.91
MW-7	05/01/23	78.13	----	37.17	----	40.96
MW-7	11/06/23	78.13	----	37.46	----	40.67
MW-8	05/28/96	76.06	----	26.96	----	49.10
MW-8	11/20/96	76.06	----	28.06	----	48.00
MW-8	05/03/99	76.06	----	25.82	----	50.24
MW-8	08/09/99	76.06	----	26.30	----	49.76
MW-8	11/15/99	76.06	----	26.93	----	49.13
MW-8	05/15/00	76.06	----	26.64	----	49.42
MW-8	11/13/00	76.06	----	27.69	----	48.37
MW-8	02/05/01	76.06	----	27.15	----	48.91
MW-8	05/07/01	76.06	----	25.43	----	50.63
MW-8	09/18/01	76.06	----	25.87	----	50.19
MW-8	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-8	04/19/04	76.06	----	29.21	----	46.85
MW-8	07/19/04	76.06	----	27.68	----	48.38
MW-8	02/01/05	76.06	----	26.49	----	49.57
MW-8	05/02/05	76.06	----	22.01	----	54.05
MW-8	08/01/05	76.06	----	23.19	----	52.87
MW-8	10/31/05	76.06	----	25.72	----	50.34
MW-8	02/27/06	76.06	----	24.41	----	51.65
MW-8	05/01/06	76.06	----	24.37	----	51.69
MW-8	09/18/06	76.06	----	25.21	----	50.85
MW-8	12/04/06	76.06	----	25.46	----	50.60
MW-8	03/12/07	76.06	----	25.98	----	50.08
MW-8	04/30/07	76.06	----	25.18	----	50.88
MW-8	08/28/07	76.06	----	26.90	----	49.16
MW-8	11/12/07	76.06	----	26.40	----	49.66
MW-8	02/19/08	76.06	----	26.79	----	49.27
MW-8	04/14/08	76.06	----	26.29	----	49.77
MW-8	10/13/08	76.06	----	27.27	----	48.79
MW-8	04/20/09	76.06	----	27.19	----	48.87
MW-8	10/19/09	76.06	----	28.71	----	47.35
MW-8	05/24/10	76.06	----	27.91	----	48.15
MW-8	05/28/10	76.06	----	27.90	----	48.16
MW-8	10/04/10	76.06	----	28.16	----	47.90
MW-8	01/10/11	76.06	----	28.53	----	47.53
MW-8	04/11/11	76.06	----	26.84	----	49.22
MW-8	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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-8	05/09/22	76.06	----	31.84	----	44.22
MW-8	10/31/22	76.06	----	33.75	----	42.31
MW-8	05/01/23	76.06	----	31.48	----	44.58
MW-8	11/06/23	76.06	----	31.21	----	44.85
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	NC
MW-9	11/15/99	77.11	----	28.58	----	48.53
MW-9	11/13/00	77.11	28.92	28.94	0.02	NC
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	NC
MW-9	11/05/01	77.11	----	27.59	----	49.52
MW-9	04/08/02	77.11	28.21	28.30	0.09	NC
MW-9	10/21/02	77.11	29.10	29.16	0.06	NC
MW-9	04/07/03	77.11	28.41	28.42	0.01	NC
MW-9	10/06/03	77.11	28.47	28.48	0.01	NC
MW-9	01/11/04	77.11	----	29.63	----	47.48
MW-9	04/19/04	77.11	27.50	27.53	0.03	NC
MW-9	05/02/05	77.11	----	23.61	----	53.50
MW-9	10/31/05	77.11	25.31	25.62	0.31	NC
MW-9	05/01/06	77.11	25.71	25.75	0.04	NC
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	NC
MW-9	11/12/07	77.11	27.65	27.69	0.04	NC
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	NC
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	10/15/12	77.11	----	31.30	----	45.81

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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-9	05/09/22	77.11	----	36.60	----	40.51
MW-9	10/31/22	77.11	----	35.28	----	41.83
MW-9	05/01/23	77.11	----	37.51	----	39.60
MW-9	11/06/23	77.11	----	37.18	----	39.93
MW-10	05/28/96	79.12	----	32.22	----	46.90
MW-10	11/20/96	79.12	----	32.80	----	46.32
MW-10	07/01/97	79.12	----	32.86	----	46.26
MW-10	12/31/97	79.12	----	32.92	----	46.20
MW-10	05/01/98	79.12	----	30.28	----	48.84
MW-10	05/25/99	79.12	----	30.79	----	48.33
MW-10	05/15/00	79.12	----	32.32	----	46.80
MW-10	11/13/00	79.12	----	30.90	----	48.22
MW-10	05/07/01	79.12	----	31.21	----	47.91
MW-10	04/08/02	79.12	----	31.91	----	47.21
MW-10	10/21/02	79.12	----	31.53	----	47.59
MW-10	04/07/03	79.12	----	31.15	----	47.97
MW-10	10/06/03	79.12	----	31.11	----	48.01
MW-10	04/19/04	79.12	----	32.12	----	47.00
MW-10	11/01/04	79.12	----	31.96	----	47.16
MW-10	05/02/05	79.12	----	27.68	----	51.44
MW-10	03/06/06	79.12	----	28.44	----	50.68
MW-10	05/01/06	79.12	----	28.87	----	50.25
MW-10	08/26/06	79.12	----	29.17	----	49.95
MW-10	12/01/06	79.12	----	29.52	----	49.60
MW-10	03/21/07	79.12	----	29.71	----	49.41

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-10	04/27/07	79.12	----	29.90	----	49.22
MW-10	08/28/07	79.12	----	30.22	----	48.90
MW-10	11/12/07	79.12	----	30.50	----	48.62
MW-10	02/05/08	79.12	----	30.90	----	48.22
MW-10	04/11/08	79.12	----	30.31	----	48.81
MW-10	07/24/08	79.12	----	30.48	----	48.64
MW-10	10/13/08	79.12	----	31.39	----	47.73
MW-10	02/09/09	79.12	----	30.05	----	49.07
MW-10	07/16/09	79.12	----	31.42	----	47.70
MW-10	04/07/10	79.12	----	32.00	----	47.12
MW-10	10/01/10	79.12	----	32.09	----	47.03
MW-10	01/06/11	79.12	----	32.22	----	46.90
MW-10	04/08/11	79.12	----	31.24	----	47.88
MW-10	07/07/11	79.12	----	31.37	----	47.75
MW-10	10/06/11	79.12	----	31.71	----	47.41
MW-10	04/12/12	79.12	----	32.63	----	46.49
MW-10	01/10/13	79.12	----	33.78	----	45.34
MW-10	04/02/13	79.12	----	33.70	----	45.42
MW-10	04/07/14	79.12	----	35.23	----	43.89
MW-10	04/14/16	79.12	----	37.01	----	42.11
MW-11	05/28/96	78.17	27.63	30.52	2.89	NC
MW-11	11/20/96	78.17	31.31	33.60	2.29	NC
MW-11	07/01/97	78.17	31.89	34.15	2.26	NC
MW-11	12/31/97	78.17	31.42	33.49	2.07	NC
MW-11	05/01/98	78.17	26.96	28.75	1.79	NC
MW-11	05/25/99	78.17	29.93	29.95	0.02	NC
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-11	04/20/09	78.17	----	30.00	----	48.17
MW-11	10/19/09	78.17	----	30.91	----	47.26
MW-11	04/07/10	78.17	----	30.72	----	47.45
MW-11	04/12/10	78.17	----	30.55	----	47.62
MW-11	10/01/10	78.17	----	30.97	----	47.20
MW-11	01/07/11	78.17	----	31.12	----	47.05
MW-11	04/12/12	78.17	----	31.52	----	46.65
MW-11	04/19/12	78.17	----	31.34	----	46.83
MW-11	04/05/13	78.17	----	32.71	----	45.46
MW-12	05/28/96	75.76	----	28.18	----	47.58
MW-12	11/20/96	75.76	----	28.97	----	46.79
MW-12	07/01/97	75.76	----	29.49	----	46.27
MW-12	12/31/97	75.76	----	28.98	----	46.78
MW-12	05/01/98	75.76	----	26.27	----	49.49
MW-12	05/04/99	75.76	----	27.53	----	48.23
MW-12	11/15/99	75.76	----	27.65	----	48.11
MW-12	05/15/00	75.76	----	30.34	----	45.42
MW-12	11/13/00	75.76	----	27.38	----	48.38
MW-12	11/13/00	75.76	----	27.44	----	48.32
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	----	23.42	----	52.34
MW-12	05/02/05	75.76	----	23.56	----	52.20
MW-12	10/31/05	75.76	----	25.61	----	50.15
MW-12	05/01/06	75.76	----	24.85	----	50.91
MW-12	05/01/06	75.76	----	25.09	----	50.67
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	----	25.80	----	49.96
MW-12	04/30/07	75.76	----	26.25	----	49.51
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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-12	05/09/22	75.76	----	35.67	----	40.09
MW-12	10/31/22	75.76	----	36.20	----	39.56
MW-12	05/01/23	75.76	----	34.61	----	41.15
MW-12	11/06/23	75.76	----	34.83	----	40.93
MW-13	05/28/96	78.25	----	30.80	----	47.45
MW-13	11/20/96	78.25	----	31.60	----	46.65
MW-13	07/01/97	78.25	----	30.70	----	47.55
MW-13	12/31/97	78.25	----	31.24	----	47.01
MW-13	05/01/98	78.25	----	28.22	----	50.03
MW-13	05/25/99	78.25	----	29.19	----	49.06
MW-13	05/15/00	78.25	----	29.95	----	48.30
MW-13	11/13/00	78.25	----	27.21	----	51.04
MW-13	02/05/01	78.25	----	29.42	----	48.83
MW-13	05/07/01	78.25	----	28.95	----	49.30

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-13	04/08/02	78.25	----	30.33	----	47.92
MW-13	09/19/02	78.25	----	30.73	----	47.52
MW-13	10/21/02	78.25	----	30.88	----	47.37
MW-13	04/07/03	78.25	----	30.05	----	48.20
MW-13	10/06/03	78.25	----	29.76	----	48.49
MW-13	04/19/04	78.25	----	30.50	----	47.75
MW-13	11/01/04	78.25	----	30.85	----	47.40
MW-13	02/28/05	78.25	----	27.54	----	50.71
MW-13	05/02/05	78.25	----	25.62	----	52.63
MW-13	03/06/06	78.25	----	27.70	----	50.55
MW-13	05/01/06	78.25	----	27.70	----	50.55
MW-13	08/26/06	78.25	----	28.04	----	50.21
MW-13	12/01/06	78.25	----	28.49	----	49.76
MW-13	03/21/07	78.25	----	28.58	----	49.67
MW-13	04/27/07	78.25	----	29.00	----	49.25
MW-13	08/28/07	78.25	----	29.10	----	49.15
MW-13	11/12/07	78.25	----	29.46	----	48.79
MW-13	02/05/08	78.25	----	30.00	----	48.25
MW-13	04/11/08	78.25	----	29.23	----	49.02
MW-13	07/24/08	78.25	----	29.71	----	48.54
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	10/19/15	78.25	----	35.52	----	42.73
MW-13	04/12/16	78.25	----	36.02	----	42.23
MW-13	10/03/16	78.25	----	36.45	----	41.80

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	----	37.23	----	41.02
MW-13	05/03/21	78.25	----	37.67	----	40.58
MW-13	11/02/21	78.25	----	38.00	----	40.25
MW-13	05/10/22	78.25	----	38.15	----	40.10
MW-13	11/01/22	78.25	----	38.59	----	39.66
MW-13	05/02/23	78.25	----	37.92	----	40.33
MW-13	11/06/23	78.25	----	36.97	----	41.28
MW-14	05/28/96	78.60	----	32.31	----	46.29
MW-14	11/20/96	78.60	----	32.52	----	46.08
MW-14	07/01/97	78.60	----	33.64	----	44.96
MW-14	12/31/97	78.60	----	32.91	----	45.69
MW-14	05/01/98	78.60	----	30.93	----	47.67
MW-14	02/03/99	78.60	----	30.99	----	47.61
MW-14	05/07/99	78.60	----	31.84	----	46.76
MW-14	05/25/99	78.60	----	30.85	----	47.75
MW-14	08/09/99	78.60	----	32.23	----	46.37
MW-14	02/29/00	78.60	----	31.43	----	47.17
MW-14	05/15/00	78.60	----	31.22	----	47.38
MW-14	08/28/00	78.60	----	31.78	----	46.82
MW-14	11/13/00	78.60	----	31.72	----	46.88
MW-14	02/05/01	78.60	----	31.25	----	47.35
MW-14	05/07/01	78.60	----	30.55	----	48.05
MW-14	09/18/01	78.60	----	30.42	----	48.18
MW-14	01/29/02	78.60	----	30.89	----	47.71
MW-14	04/08/02	78.60	----	31.22	----	47.38
MW-14	07/29/02	78.60	----	31.02	----	47.58
MW-14	10/21/02	78.60	----	31.08	----	47.52
MW-14	01/27/03	78.60	----	30.78	----	47.82
MW-14	04/07/03	78.60	----	30.90	----	47.70
MW-14	10/06/03	78.60	----	30.96	----	47.64
MW-14	04/19/04	78.60	----	31.51	----	47.09
MW-14	11/01/04	78.60	----	31.61	----	46.99
MW-14	02/28/05	78.60	----	29.79	----	48.81
MW-14	05/02/05	78.60	----	28.31	----	50.29
MW-14	03/06/06	78.60	----	28.34	----	50.26

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-14	05/01/06	78.60	----	28.76	----	49.84
MW-14	08/26/06	78.60	----	28.89	----	49.71
MW-14	12/01/06	78.60	----	29.15	----	49.45
MW-14	03/21/07	78.60	----	29.21	----	49.39
MW-14	04/30/07	78.60	----	29.44	----	49.16
MW-14	08/28/07	78.60	----	29.77	----	48.83
MW-14	11/12/07	78.60	----	29.91	----	48.69
MW-14	02/05/08	78.60	----	30.24	----	48.36
MW-14	04/11/08	78.60	----	29.73	----	48.87
MW-14	07/24/08	78.60	----	30.21	----	48.39
MW-14	10/13/08	78.60	----	30.71	----	47.89
MW-14	02/09/09	78.60	----	30.77	----	47.83
MW-14	04/20/09	78.60	----	30.80	----	47.80
MW-14	07/16/09	78.60	----	31.21	----	47.39
MW-14	07/20/09	78.60	----	31.31	----	47.29
MW-14	10/19/09	78.60	----	31.43	----	47.17
MW-14	01/11/10	78.60	----	31.94	----	46.66
MW-14	04/07/10	78.60	----	31.79	----	46.81
MW-14	04/12/10	78.60	----	31.44	----	47.16
MW-14	01/06/11	78.60	----	32.86	----	45.74
MW-14	04/06/11	78.60	----	31.13	----	47.47
MW-14	07/07/11	78.60	----	31.13	----	47.47
MW-14	10/06/11	78.60	----	31.31	----	47.29
MW-14	01/09/12	78.60	----	31.40	----	47.20
MW-14	04/12/12	78.60	----	32.07	----	46.53
MW-14	04/18/12	78.60	----	31.83	----	46.77
MW-14	01/11/13	78.60	----	33.24	----	45.36
MW-14	04/02/13	78.60	----	33.13	----	45.47
MW-14	04/08/13	78.60	----	33.80	----	44.80
MW-14	10/01/13	78.60	----	33.90	----	44.70
MW-14	04/07/14	78.60	----	34.98	----	43.62
MW-14	10/27/14	78.60	----	35.03	----	43.57
MW-14	04/20/15	78.60	----	35.38	----	43.22
MW-14	10/19/15	78.60	----	36.12	----	42.48
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	10/19/20	78.60	----	38.25	----	40.35

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-14	05/04/21	78.60	----	38.56	----	40.04
MW-14	11/01/21	78.60	----	37.77	----	40.83
MW-14	05/10/22	78.60	----	39.02	----	39.58
MW-14	10/31/22	78.60	----	39.19	----	39.41
MW-14	05/01/23	78.60	----	38.95	----	39.65
MW-14	11/06/23	78.60	----	38.15	----	40.45
MW-15	05/28/96	76.99	----	28.96	----	48.03
MW-15	11/20/96	76.99	----	29.78	----	47.21
MW-15	07/01/97	76.99	----	29.53	----	47.46
MW-15	12/31/97	76.99	----	29.90	----	47.09
MW-15	05/01/98	76.99	----	26.57	----	50.42
MW-15	05/03/99	76.99	----	28.06	----	48.93
MW-15	08/09/99	76.99	----	28.35	----	48.64
MW-15	11/15/99	76.99	----	28.59	----	48.40
MW-15	05/15/00	76.99	----	28.36	----	48.63
MW-15	11/13/00	76.99	----	29.05	----	47.94
MW-15	05/07/01	76.99	----	27.36	----	49.63
MW-15	11/05/01	76.99	----	27.64	----	49.35
MW-15	04/08/02	76.99	----	28.39	----	48.60
MW-15	07/29/02	76.99	----	29.04	----	47.95
MW-15	10/21/02	76.99	29.14	29.15	0.01	NC
MW-15	04/07/03	76.99	28.51	28.52	0.01	NC
MW-15	10/06/03	76.99	28.38	28.39	0.01	NC
MW-15	01/11/04	76.99	29.55	29.64	0.09	NC
MW-15	04/19/04	76.99	27.60	27.61	0.01	NC
MW-15	05/02/05	76.99	22.88	22.93	0.05	NC
MW-15	10/31/05	76.99	27.60	27.81	0.21	NC
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	NC
MW-15	04/14/08	76.99	27.40	28.37	0.97	NC
MW-15	04/14/08	76.99	27.33	28.31	0.98	NC
MW-15	10/13/08	76.99	----	29.05	----	47.94
MW-15	04/20/09	76.99	28.24	28.98	0.74	NC
MW-15	10/19/09	76.99	29.21	30.37	1.16	NC
MW-15	05/24/10	76.99	28.60	29.49	0.89	NC
MW-15	05/28/10	76.99	28.57	29.46	0.89	NC
MW-15	10/04/10	76.99	29.14	30.19	1.05	NC
MW-15	04/11/11	76.99	28.16	28.62	0.46	NC
MW-15	10/10/11	76.99	28.59	29.30	0.71	47.69
MW-15	04/27/12	76.99	----	31.50	----	45.49
MW-15	10/15/12	76.99	31.36	32.38	1.02	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-15	04/08/13	76.99	31.44	32.40	0.96	NC
MW-15	10/07/13	76.99	31.87	32.18	0.31	NC
MW-15	04/14/14	76.99	32.59	32.70	0.11	NC
MW-15	10/27/14	76.99	----	33.33	----	43.66
MW-15	Well decommissioned in December 2014 prior to remedial excavation					
MW-15R	04/17/17	74.85	----	34.41	----	40.44
MW-15R	10/02/17	74.85	----	34.58	----	40.27
MW-15R	04/16/18	74.85	----	34.83	----	40.02
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-15R	05/09/22	74.85	----	34.53	----	40.32
MW-15R	10/31/22	74.85	----	33.70	----	41.15
MW-15R	05/01/23	74.85	----	34.84	----	40.01
MW-15R	11/06/23	74.85	----	34.71	----	40.14
MW-16	05/28/96	76.87	----	28.85	----	48.02
MW-16	11/20/96	76.87	----	29.84	----	47.03
MW-16	07/01/97	76.87	----	28.17	----	48.70
MW-16	12/31/97	76.87	----	28.47	----	48.40
MW-16	05/01/98	76.87	----	23.99	----	52.88
MW-16	05/25/99	76.87	----	27.49	----	49.38
MW-16	05/15/00	76.87	----	28.17	----	48.70
MW-16	11/13/00	76.87	----	28.83	----	48.04
MW-16	05/07/01	76.87	----	27.05	----	49.82
MW-16	02/01/02	76.87	----	27.46	----	49.41
MW-16	04/08/02	76.87	----	28.36	----	48.51
MW-16	10/21/02	76.87	----	28.97	----	47.90
MW-16	01/27/03	76.87	----	28.62	----	48.25
MW-16	04/07/03	76.87	----	28.22	----	48.65
MW-16	07/30/03	76.87	----	27.87	----	49.00
MW-16	10/06/03	76.87	----	28.00	----	48.87
MW-16	01/27/04	76.87	----	28.56	----	48.31
MW-16	04/19/04	76.87	----	28.79	----	48.08
MW-16	07/19/04	76.87	----	28.79	----	48.08
MW-16	11/01/04	76.87	----	29.50	----	47.37
MW-16	02/01/05	76.87	----	27.16	----	49.71
MW-16	05/02/05	76.87	----	23.28	----	53.59
MW-16	08/01/05	76.87	----	24.36	----	52.51
MW-16	03/06/06	76.87	----	25.92	----	50.95

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/09/14	76.87	----	32.68	----	44.19
MW-16	10/27/14	77.87	----	32.84	----	45.03
MW-16	04/20/15	76.87	----	33.24	----	43.63
MW-16	10/19/15	76.87	----	34.06	----	42.81
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	10/19/20	76.87	----	35.42	----	41.45
MW-16	05/03/21	76.87	----	34.96	----	41.91

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-16	11/01/21	76.87	----	36.69	----	40.18
MW-16	05/09/22	76.87	----	36.68	----	40.19
MW-16	10/31/22	76.87	----	37.36	----	39.51
MW-16	05/01/23	76.87	----	35.52	----	41.35
MW-16	11/06/23	76.87	----	35.19	----	41.68
MW-17	05/28/96	77.86	----	29.91	----	47.95
MW-17	11/20/96	77.86	----	30.83	----	47.03
MW-17	07/01/97	77.86	----	29.40	----	48.46
MW-17	12/31/97	77.86	----	30.31	----	47.55
MW-17	05/01/98	77.86	----	26.49	----	51.37
MW-17	05/25/99	77.86	----	28.44	----	49.42
MW-17	05/15/00	77.86	----	29.09	----	48.77
MW-17	11/13/00	77.86	----	30.74	----	47.12
MW-17	05/07/01	77.86	----	27.81	----	50.05
MW-17	04/08/02	77.86	----	29.16	----	48.70
MW-17	10/21/02	77.86	----	30.20	----	47.66
MW-17	04/07/03	77.86	----	29.05	----	48.81
MW-17	10/06/03	77.86	----	28.90	----	48.96
MW-17	04/19/04	77.86	----	29.72	----	48.14
MW-17	11/01/04	77.86	----	30.33	----	47.53
MW-17	05/02/05	77.86	----	24.30	----	53.56
MW-17	03/06/06	77.86	----	26.85	----	51.01
MW-17	05/01/06	77.86	----	26.90	----	50.96
MW-17	08/26/06	77.86	----	27.41	----	50.45
MW-17	12/01/06	77.86	----	27.90	----	49.96
MW-17	03/21/07	77.86	----	27.99	----	49.87
MW-17	04/27/07	77.86	----	28.45	----	49.41
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/15	77.86	----	34.97	----	42.89
MW-17	04/13/16	77.86	----	35.57	----	42.29
MW-17	10/03/16	77.86	----	36.05	----	41.81
MW-17	04/18/17	77.86	----	35.22	----	42.64
MW-17	10/03/17	77.86	----	35.78	----	42.08
MW-17	04/16/18	77.86	----	36.94	----	40.92
MW-17	11/05/18	77.86	----	37.47	----	40.39
MW-17	04/16/19	77.86	----	36.11	----	41.75
MW-17	10/28/19	77.86	----	36.41	----	41.45
MW-17	05/04/20	77.86	----	36.15	----	41.71
MW-17	10/19/20	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-17	05/09/22	77.86	----	37.32	----	40.54
MW-17	10/31/22	77.86	----	36.43	----	41.43
MW-17	05/01/23	77.86	----	36.88	----	40.98
MW-17	11/06/23	77.86	----	35.81	----	42.05
MW-18 (MID)	05/28/96	75.67	33.20	33.81	0.61	NC
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	NC
MW-18 (MID)	05/01/98	75.67	29.81	29.83	0.02	NC
MW-18 (MID)	08/09/99	75.67	----	31.33	----	44.34
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)	10/06/03	75.67	----	31.42	----	44.25
MW-18 (MID)	04/19/04	75.67	----	32.34	----	43.33

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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)	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)	10/15/12	75.67	----	33.41	----	42.26
MW-18 (MID)	04/08/13	75.67	----	30.68	----	44.99
MW-18 (MID)	10/07/13	75.67	----	35.33	----	40.34
MW-18 (MID)	04/14/14	75.67	----	35.40	----	40.27
MW-18 (MID)	10/27/14	75.67	----	35.81	----	39.86
MW-18 (MID)	04/20/15	75.67	----	36.29	----	39.38
MW-18 (MID)	10/19/15	75.67	----	36.99	----	38.68
MW-18 (MID)	04/11/16	75.67	----	38.89	----	36.78
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-18 (MID)	05/09/22	75.67	----	39.13	----	36.54
MW-18 (MID)	10/31/22	75.67	----	39.70	----	35.97
MW-18 (MID)	05/01/23	75.67	----	39.86	----	35.81
MW-18 (MID)	11/06/23	75.67	----	39.88	----	35.79
MW-19 (MID)	05/28/96	78.14	----	31.52	----	46.62
MW-19 (MID)	11/20/96	78.14	----	32.04	----	46.10
MW-19 (MID)	07/01/97	78.14	----	33.51	----	44.63
MW-19 (MID)	12/31/97	78.14	----	33.72	----	44.42
MW-19 (MID)	05/01/98	78.14	----	29.48	----	48.66

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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
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)	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)	04/17/17	78.14	----	38.62	----	39.52

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-19 (MID)	05/09/22	78.14	----	41.02	----	37.12
MW-19 (MID)	10/31/22	78.14	----	41.40	----	36.74
MW-19 (MID)	05/01/23	78.14	----	40.15	----	37.99
MW-19 (MID)	11/06/23	78.14	----	40.71	----	37.43
MW-20 (MID)	05/28/96	77.19	----	31.42	----	45.77
MW-20 (MID)	11/20/96	77.19	----	31.98	----	45.21
MW-20 (MID)	07/01/97	77.19	----	33.31	----	43.88
MW-20 (MID)	12/31/97	77.19	----	32.89	----	44.30
MW-20 (MID)	05/01/98	77.19	----	29.81	----	47.38
MW-20 (MID)	05/03/99	77.19	----	30.63	----	46.56
MW-20 (MID)	08/09/99	77.19	----	31.07	----	46.12
MW-20 (MID)	11/15/99	77.19	----	31.00	----	46.19
MW-20 (MID)	05/15/00	77.19	----	30.65	----	46.54
MW-20 (MID)	11/13/00	77.19	----	32.10	----	45.09
MW-20 (MID)	05/07/01	77.19	----	30.14	----	47.05
MW-20 (MID)	09/18/01	77.19	----	30.15	----	47.04
MW-20 (MID)	11/05/01	77.19	----	30.09	----	47.10
MW-20 (MID)	04/08/02	77.19	----	36.14	----	41.05
MW-20 (MID)	04/08/02	77.19	----	30.82	----	46.37
MW-20 (MID)	10/21/02	77.19	----	31.12	----	46.07
MW-20 (MID)	04/07/03	77.19	----	31.25	----	45.94
MW-20 (MID)	10/06/03	77.19	----	31.35	----	45.84
MW-20 (MID)	01/11/04	77.19	----	32.33	----	44.86
MW-20 (MID)	04/19/04	77.19	----	32.04	----	45.15
MW-20 (MID)	05/02/05	77.19	----	28.73	----	48.46
MW-20 (MID)	10/31/05	77.19	----	28.61	----	48.58
MW-20 (MID)	05/01/06	77.19	----	28.65	----	48.54
MW-20 (MID)	12/04/06	77.19	----	29.37	----	47.82
MW-20 (MID)	04/30/07	77.19	----	29.35	----	47.84
MW-20 (MID)	11/12/07	77.19	----	29.98	----	47.21
MW-20 (MID)	04/14/08	77.19	----	30.21	----	46.98
MW-20 (MID)	10/13/08	77.19	----	30.93	----	46.26
MW-20 (MID)	04/20/09	77.19	----	31.09	----	46.10
MW-20 (MID)	10/19/09	77.19	----	32.11	----	45.08

APPENDIX C

HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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)	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)	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-20 (MID)	05/09/22	77.19	----	39.36	----	37.83
MW-20 (MID)	10/31/22	77.19	----	39.53	----	37.66
MW-20 (MID)	05/01/23	77.19	----	38.81	----	38.38
MW-20 (MID)	11/06/23	77.19	----	38.49	----	38.70
MW-21 (MID)	05/04/99	77.55	----	28.99	----	48.56
MW-21 (MID)	08/09/99	77.55	----	29.67	----	47.88
MW-21 (MID)	11/15/99	77.55	----	30.50	----	47.05
MW-21 (MID)	05/15/00	77.55	----	27.30	----	50.25
MW-21 (MID)	11/13/00	77.55	----	30.41	----	47.14
MW-21 (MID)	05/07/01	77.55	----	28.68	----	48.87
MW-21 (MID)	11/05/01	77.55	----	28.67	----	48.88
MW-21 (MID)	04/08/02	77.55	----	49.51	----	28.04
MW-21 (MID)	10/21/02	77.55	----	29.92	----	47.63
MW-21 (MID)	04/07/03	77.55	----	29.90	----	47.65
MW-21 (MID)	10/06/03	77.55	----	29.51	----	48.04
MW-21 (MID)	01/11/04	77.55	----	30.91	----	46.64
MW-21 (MID)	04/19/04	77.55	----	30.66	----	46.89
MW-21 (MID)	05/02/05	77.55	----	25.61	----	51.94
MW-21 (MID)	10/31/05	77.55	----	26.31	----	51.24

APPENDIX C

HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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)	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)	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-21 (MID)	05/09/22	77.55	----	37.38	----	40.17
MW-21 (MID)	10/31/22	77.55	----	37.60	----	39.95
MW-21 (MID)	05/01/23	77.55	----	36.55	----	41.00
MW-21 (MID)	11/06/23	77.55	----	37.01	----	40.54
MW-22 (MID)	05/28/96	79.57	----	33.53	----	46.04
MW-22 (MID)	11/20/96	79.57	----	34.39	----	45.18
MW-22 (MID)	07/01/97	79.57	----	35.42	----	44.15
MW-22 (MID)	12/31/97	79.57	----	34.06	----	45.51
MW-22 (MID)	05/01/98	79.57	----	32.12	----	47.45
MW-22 (MID)	02/02/99	79.57	----	31.76	----	47.81
MW-22 (MID)	05/04/99	79.57	----	32.60	----	46.97

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-22 (MID)	05/25/99	79.57	----	32.02	----	47.55
MW-22 (MID)	08/09/99	79.57	----	33.24	----	46.33
MW-22 (MID)	02/29/00	79.57	----	32.76	----	46.81
MW-22 (MID)	05/15/00	79.57	----	32.72	----	46.85
MW-22 (MID)	08/28/00	79.57	----	33.80	----	45.77
MW-22 (MID)	11/13/00	79.57	----	32.61	----	46.96
MW-22 (MID)	11/13/00	79.57	----	33.47	----	46.10
MW-22 (MID)	02/05/01	79.57	----	32.62	----	46.95
MW-22 (MID)	05/07/01	79.57	----	32.01	----	47.56
MW-22 (MID)	05/07/01	79.57	----	32.05	----	47.52
MW-22 (MID)	09/18/01	79.57	----	32.07	----	47.50
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-22 (MID)	10/06/11	79.57	----	33.57	----	46.00
MW-22 (MID)	01/09/12	79.57	----	33.72	----	45.85
MW-22 (MID)	04/12/12	79.57	----	34.22	----	45.35
MW-22 (MID)	04/18/12	79.57	----	33.98	----	45.59
MW-22 (MID)	01/11/13	79.57	----	35.48	----	44.09
MW-22 (MID)	04/03/13	79.57	----	35.32	----	44.25
MW-22 (MID)	04/08/13	79.57	----	35.30	----	44.27
MW-22 (MID)	10/02/13	79.57	----	36.18	----	43.39
MW-22 (MID)	04/09/14	79.57	----	37.08	----	42.49
MW-22 (MID)	04/15/14	79.57	----	36.84	----	42.73
MW-22 (MID)	10/27/14	79.57	----	37.57	----	42.00
MW-22 (MID)	04/20/15	79.57	----	37.94	----	41.63
MW-22 (MID)	10/19/15	79.57	----	38.72	----	40.85
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	----	40.91	----	38.66
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-22 (MID)	05/09/22	79.57	----	41.47	----	38.10
MW-22 (MID)	10/31/22	79.57	----	41.71	----	37.86
MW-22 (MID)	05/01/23	79.57	----	41.09	----	38.48
MW-22 (MID)	11/06/23	79.57	----	40.48	----	39.09
MW-23 (MID)	05/28/96	79.59	----	32.44	----	47.15
MW-23 (MID)	11/20/96	79.59	----	33.20	----	46.39
MW-23 (MID)	07/01/97	79.59	----	32.94	----	46.65
MW-23 (MID)	12/31/97	79.59	----	33.14	----	46.45
MW-23 (MID)	05/01/98	79.59	----	30.25	----	49.34
MW-23 (MID)	05/25/99	79.59	----	31.03	----	48.56
MW-23 (MID)	05/15/00	79.59	----	31.97	----	47.62
MW-23 (MID)	11/13/00	79.59	----	31.21	----	48.38
MW-23 (MID)	05/07/01	79.59	----	28.30	----	51.29
MW-23 (MID)	04/08/02	79.59	----	32.27	----	47.32
MW-23 (MID)	10/21/02	79.59	----	31.44	----	48.15
MW-23 (MID)	04/07/03	79.59	----	30.22	----	49.37
MW-23 (MID)	10/06/03	79.59	----	31.50	----	48.09

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-23 (MID)	04/19/04	79.59	----	32.65	----	46.94
MW-23 (MID)	11/01/04	79.59	----	32.33	----	47.26
MW-23 (MID)	05/02/05	79.59	----	27.72	----	51.87
MW-23 (MID)	03/06/06	79.59	----	28.81	----	50.78
MW-23 (MID)	05/01/06	79.59	----	29.21	----	50.38
MW-23 (MID)	08/26/06	79.59	----	29.56	----	50.03
MW-23 (MID)	12/01/06	79.59	----	29.91	----	49.68
MW-23 (MID)	03/21/07	79.59	----	30.14	----	49.45
MW-23 (MID)	04/27/07	79.59	----	30.33	----	49.26
MW-23 (MID)	08/28/07	79.59	----	31.05	----	48.54
MW-23 (MID)	11/12/07	79.59	----	30.95	----	48.64
MW-23 (MID)	02/05/08	79.59	----	31.91	----	47.68
MW-23 (MID)	04/11/08	79.59	----	30.72	----	48.87
MW-23 (MID)	07/24/08	79.59	----	31.02	----	48.57
MW-23 (MID)	10/13/08	79.59	----	31.82	----	47.77
MW-23 (MID)	02/09/09	79.59	----	32.78	----	46.81
MW-23 (MID)	04/20/09	79.59	----	32.46	----	47.13
MW-23 (MID)	07/16/09	79.59	----	31.79	----	47.80
MW-23 (MID)	10/19/09	79.59	----	32.44	----	47.15
MW-23 (MID)	04/07/10	79.59	----	32.29	----	47.30
MW-23 (MID)	04/12/10	79.59	----	31.83	----	47.76
MW-23 (MID)	01/06/11	79.59	----	32.53	----	47.06
MW-23 (MID)	04/06/11	79.59	----	31.34	----	48.25
MW-23 (MID)	07/07/11	79.59	----	31.62	----	47.97
MW-23 (MID)	10/06/11	79.59	----	32.03	----	47.56
MW-23 (MID)	04/12/12	79.59	----	33.10	----	46.49
MW-23 (MID)	04/19/12	79.59	----	32.87	----	46.72
MW-23 (MID)	01/10/13	79.59	----	34.27	----	45.32
MW-23 (MID)	04/02/13	79.59	----	34.25	----	45.34
MW-23 (MID)	04/08/13	79.59	----	34.19	----	45.40
MW-24	05/28/96	78.51	----	32.08	----	46.43
MW-24	11/20/96	78.51	----	32.33	----	46.18
MW-24	07/01/97	78.51	----	33.97	----	44.54
MW-24	12/31/97	78.51	----	32.72	----	45.79
MW-24	05/01/98	78.51	----	30.42	----	48.09
MW-24	05/25/99	78.51	----	30.59	----	47.92
MW-24	05/15/00	78.51	----	31.33	----	47.18
MW-24	11/13/00	78.51	----	31.60	----	46.91
MW-24	05/07/01	78.51	----	30.44	----	48.07
MW-24	04/08/02	78.51	----	31.12	----	47.39
MW-24	10/21/02	78.51	----	31.09	----	47.42
MW-24	04/07/03	78.51	----	30.80	----	47.71
MW-24	10/06/03	78.51	----	30.77	----	47.74

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-24	04/19/04	78.51	----	31.49	----	47.02
MW-24	11/01/04	78.51	----	31.45	----	47.06
MW-24	05/02/05	78.51	----	27.71	----	50.80
MW-24	05/01/06	78.51	----	28.50	----	50.01
MW-24	12/01/06	78.51	----	29.06	----	49.45
MW-24	04/30/07	78.51	----	29.44	----	49.07
MW-24	11/12/07	78.51	----	29.91	----	48.60
MW-24	04/11/08	78.51	----	29.74	----	48.77
MW-24	07/24/08	78.51	----	29.96	----	48.55
MW-24	10/13/08	78.51	----	30.79	----	47.72
MW-24	02/09/09	78.51	----	29.67	----	48.84
MW-24	04/20/09	78.51	----	30.66	----	47.85
MW-24	10/19/09	78.51	----	31.61	----	46.90
MW-24	04/07/10	78.51	----	31.62	----	46.89
MW-24	04/12/10	78.51	----	31.26	----	47.25
MW-24	01/06/11	78.51	----	31.96	----	46.55
MW-24	04/06/11	78.51	----	30.98	----	47.53
MW-24	07/07/11	78.51	----	31.03	----	47.48
MW-24	10/06/11	78.51	----	31.26	----	47.25
MW-24	04/12/12	78.51	----	32.04	----	46.47
MW-24	04/18/12	78.51	----	31.82	----	46.69
MW-24	01/10/13	78.51	----	33.24	----	45.27
MW-24	04/02/13	78.51	----	33.09	----	45.42
MW-24	04/08/13	78.51	----	33.01	----	45.50
MW-24	10/01/13	78.51	----	33.87	----	44.64
MW-24	04/07/14	78.51	----	34.75	----	43.76
MW-24	04/15/14	78.51	----	34.52	----	43.99
MW-24	10/27/14	78.51	----	34.96	----	43.55
MW-24	04/20/15	78.51	----	35.34	----	43.17
MW-24	10/19/15	78.51	----	36.02	----	42.49
MW-24	04/11/16	78.51	----	36.42	----	42.09
MW-24	04/17/17	78.51	----	34.90	----	43.61
MW-24	10/02/17	77.66	----	36.24	----	41.42
MW-24	10/25/17	77.66	----	36.25	----	41.41
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	10/19/20	77.66	----	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-24	05/09/22	77.66	----	38.09	----	39.57

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-24	10/31/22	77.66	----	38.20	----	39.46
MW-24	05/01/23	77.66	----	37.90	----	39.76
MW-24	11/06/23	77.66	----	37.10	----	40.56
MW-25	05/28/96	79.15	----	32.77	----	46.38
MW-25	11/20/96	79.15	----	33.90	----	45.25
MW-25	07/01/97	79.15	----	34.59	----	44.56
MW-25	12/31/97	79.15	----	33.41	----	45.74
MW-25	05/01/98	79.15	----	31.26	----	47.89
MW-25	05/04/99	79.15	----	32.01	----	47.14
MW-25	05/25/99	79.15	----	31.45	----	47.70
MW-25	08/09/99	79.15	----	32.56	----	46.59
MW-25	05/15/00	79.15	----	31.86	----	47.29
MW-25	11/13/00	79.15	----	33.56	----	45.59
MW-25	11/13/00	79.15	----	32.50	----	46.65
MW-25	05/07/01	79.15	----	31.12	----	48.03
MW-25	05/07/01	79.15	----	31.15	----	48.00
MW-25	04/08/02	79.15	----	31.81	----	47.34
MW-25	10/21/02	79.15	----	31.59	----	47.56
MW-25	04/07/03	79.15	----	31.40	----	47.75
MW-25	10/06/03	79.15	----	31.73	----	47.42
MW-25	04/19/04	79.15	----	32.19	----	46.96
MW-25	11/01/04	79.15	----	32.25	----	46.90
MW-25	05/02/05	79.15	----	28.89	----	50.26
MW-25	05/01/06	79.15	----	29.44	----	49.71
MW-25	12/01/06	79.15	----	29.84	----	49.31
MW-25	04/30/07	79.15	----	29.99	----	49.16
MW-25	11/12/07	79.15	----	30.50	----	48.65
MW-25	04/11/08	79.15	----	30.27	----	48.88
MW-25	07/24/08	79.15	----	30.90	----	48.25
MW-25	10/13/08	79.15	----	31.44	----	47.71
MW-25	02/09/09	79.15	----	30.70	----	48.45
MW-25	04/20/09	79.15	----	31.32	----	47.83
MW-25	10/19/09	79.15	----	32.00	----	47.15
MW-25	04/07/10	79.15	----	32.39	----	46.76
MW-25	04/12/10	79.15	----	31.86	----	47.29
MW-25	01/07/11	79.15	----	32.76	----	46.39
MW-25	04/06/11	79.15	----	31.64	----	47.51
MW-25	07/08/11	79.15	----	31.55	----	47.60
MW-25	10/06/11	79.15	----	31.78	----	47.37
MW-25	04/12/12	79.15	----	32.58	----	46.57
MW-25	04/17/12	79.15	----	32.35	----	46.80
MW-25	01/11/13	79.15	----	33.86	----	45.29
MW-25	04/03/13	79.15	----	33.65	----	45.50

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-25	04/08/13	79.15	----	33.44	----	45.71
MW-26	05/28/96	77.40	----	30.70	----	46.70
MW-26	11/20/96	77.40	----	31.25	----	46.15
MW-26	07/01/97	77.40	----	32.24	----	45.16
MW-26	12/31/97	77.40	----	31.44	----	45.96
MW-26	05/01/98	77.40	----	28.96	----	48.44
MW-26	05/25/99	77.40	----	29.54	----	47.86
MW-26	05/15/00	77.40	----	29.97	----	47.43
MW-26	11/13/00	77.40	----	30.73	----	46.67
MW-26	05/07/01	77.40	----	29.05	----	48.35
MW-26	04/08/02	77.40	----	29.94	----	47.46
MW-26	10/21/02	77.40	----	29.73	----	47.67
MW-26	04/07/03	77.40	----	29.50	----	47.90
MW-26	10/06/03	77.40	----	29.78	----	47.62
MW-26	04/19/04	77.40	----	30.54	----	46.86
MW-26	11/01/04	77.40	----	30.43	----	46.97
MW-26	05/02/05	77.40	----	26.06	----	51.34
MW-26	05/01/06	77.40	----	27.46	----	49.94
MW-26	12/01/06	77.40	----	28.00	----	49.40
MW-26	04/30/07	77.40	----	28.18	----	49.22
MW-26	11/12/07	77.40	----	28.75	----	48.65
MW-26	04/11/08	77.40	----	28.46	----	48.94
MW-26	07/24/08	77.40	----	29.00	----	48.40
MW-26	10/13/08	77.40	----	29.42	----	47.98
MW-26	02/09/09	77.40	----	29.11	----	48.29
MW-26	04/20/09	77.40	----	29.42	----	47.98
MW-26	10/19/09	77.40	----	30.00	----	47.40
MW-26	04/07/10	77.40	----	30.24	----	47.16
MW-26	04/12/10	77.40	----	29.82	----	47.58
MW-26	01/07/11	77.40	----	30.77	----	46.63
MW-26	04/06/11	77.40	----	29.52	----	47.88
MW-26	07/08/11	77.40	----	29.48	----	47.92
MW-26	10/06/11	77.40	----	29.88	----	47.52
MW-26	04/12/12	77.40	----	30.77	----	46.63
MW-26	04/17/12	77.40	----	30.58	----	46.82
MW-26	01/11/13	77.40	----	32.17	----	45.23
MW-26	04/03/13	77.40	----	31.94	----	45.46
MW-26	04/08/13	77.40	----	31.86	----	45.54
MW-26	10/02/13	77.40	----	32.72	----	44.68
MW-26	04/09/14	77.40	----	33.63	----	43.77
MW-26	04/15/14	77.40	----	33.38	----	44.02
MW-26	10/27/14	77.40	----	33.81	----	43.59
MW-26	04/20/15	77.40	----	34.22	----	43.18

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-26	10/19/15	77.40	----	34.94	----	42.46
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	----	36.93	----	40.47
MW-26	05/03/21	77.40	----	37.21	----	40.19
MW-26	11/01/21	77.40	----	37.44	----	39.96
MW-26	05/09/22	77.40	----	37.70	----	39.70
MW-26	10/31/22	77.40	----	37.83	----	39.57
MW-26	05/01/23	77.40	----	36.96	----	40.44
MW-26	11/06/23	77.40	----	36.49	----	40.91
MW-27	05/28/96	78.46	----	31.43	----	47.03
MW-27	11/20/96	78.46	----	32.13	----	46.33
MW-27	07/01/97	78.46	----	32.99	----	45.47
MW-27	12/31/97	78.46	----	32.21	----	46.25
MW-27	05/01/98	78.46	----	29.05	----	49.41
MW-27	05/25/99	78.46	----	30.27	----	48.19
MW-27	05/15/00	78.46	----	30.81	----	47.65
MW-27	11/13/00	78.46	----	31.79	----	46.67
MW-27	05/07/01	78.46	----	29.61	----	48.85
MW-27	04/08/02	78.46	----	30.69	----	47.77
MW-27	10/21/02	78.46	----	30.62	----	47.84
MW-27	04/07/03	78.46	----	30.40	----	48.06
MW-27	10/06/03	78.46	----	30.79	----	47.67
MW-27	04/19/04	78.46	----	31.87	----	46.59
MW-27	11/01/04	78.46	----	31.66	----	46.80
MW-27	05/02/05	78.46	----	26.48	----	51.98
MW-27	05/01/06	78.46	----	28.17	----	50.29
MW-27	12/01/06	78.46	----	28.99	----	49.47
MW-27	04/30/07	78.46	----	29.17	----	49.29
MW-27	11/12/07	78.46	----	29.75	----	48.71
MW-27	04/11/08	78.46	----	29.25	----	49.21
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-27	10/19/09	78.46	----	31.23	----	47.23
MW-27	04/07/10	78.46	----	30.95	----	47.51
MW-27	04/12/10	78.46	----	30.79	----	47.67
MW-27	01/07/11	78.46	----	31.53	----	46.93
MW-27	04/06/11	78.46	----	29.82	----	48.64
MW-27	07/08/11	78.46	----	30.03	----	48.43
MW-27	10/06/11	78.46	----	30.06	----	48.40
MW-27	04/12/12	78.46	----	31.72	----	46.74
MW-27	04/17/12	78.46	----	31.49	----	46.97
MW-27	01/11/13	78.46	----	33.24	----	45.22
MW-27	04/03/13	78.46	----	33.02	----	45.44
MW-27	04/08/13	78.46	----	32.98	----	45.48
MW-27	10/02/13	78.46	----	33.78	----	44.68
MW-27	10/27/14	78.46	----	34.63	----	43.83
MW-27	04/20/15	78.46	----	35.03	----	43.43
MW-27	10/19/15	78.46	----	35.79	----	42.67
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	10/19/20	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-27	05/10/22	78.46	----	38.73	----	39.73
MW-27	10/31/22	78.46	----	39.06	----	39.40
MW-27	05/01/23	78.46	----	37.72	----	40.74
MW-27	11/06/23	78.46	----	37.79	----	40.67
MW-28	05/28/96	78.53	----	31.13	----	47.40
MW-28	11/20/96	78.53	----	31.79	----	46.74
MW-28	07/01/97	78.53	----	31.98	----	46.55
MW-28	12/31/97	78.53	----	31.51	----	47.02
MW-28	05/01/98	78.53	----	29.09	----	49.44
MW-28	05/25/99	78.53	----	29.83	----	48.70
MW-28	05/15/00	78.53	----	30.45	----	48.08
MW-28	11/13/00	78.53	----	30.65	----	47.88
MW-28	05/07/01	78.53	----	29.18	----	49.35
MW-28	04/08/02	78.53	----	30.25	----	48.28
MW-28	10/21/02	78.53	----	30.77	----	47.76

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/17/17	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	75.90	----	34.92	----	40.98
MW-28	11/02/20	75.90	----	34.95	----	40.95
MW-28	05/03/21	75.90	----	36.53	----	39.37
MW-28	11/01/21	75.90	----	36.17	----	39.73
MW-28	05/09/22	75.90	----	36.32	----	39.58
MW-28	10/31/22	75.90	----	32.31	----	43.59
MW-28	05/02/23	75.90	----	34.93	----	40.97
MW-28	11/06/23	75.90	----	35.88	----	40.02
MW-29	05/28/96	79.13	31.36	31.49	0.13	NC
MW-29	11/20/96	79.13	32.41	32.66	0.25	NC
MW-29	07/01/97	79.13	31.60	31.65	0.05	NC
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-29	02/01/02	79.13	----	29.71	----	49.42
MW-29	04/08/02	79.13	----	31.12	----	48.01
MW-29	10/21/02	79.13	----	31.48	----	47.65
MW-29	04/07/03	79.13	----	30.42	----	48.71
MW-29	10/06/03	79.13	----	30.40	----	48.73
MW-29	04/19/04	79.13	----	31.39	----	47.74
MW-29	11/01/04	79.13	----	31.72	----	47.41
MW-29	03/06/06	79.13	----	27.38	----	51.75
MW-29	05/01/06	79.13	----	27.52	----	51.61
MW-29	08/26/06	79.13	----	28.23	----	50.90
MW-29	12/01/06	79.13	----	28.92	----	50.21
MW-29	03/21/07	79.13	----	28.72	----	50.41
MW-29	04/30/07	79.13	----	29.66	----	49.47
MW-29	08/28/07	79.13	----	29.01	----	50.12
MW-29	11/12/07	79.13	----	30.25	----	48.88
MW-29	02/05/08	79.13	----	29.91	----	49.22
MW-29	07/24/08	79.13	----	30.03	----	49.10
MW-29	10/14/08	79.13	----	30.94	----	48.19
MW-29	02/10/09	79.13	----	30.26	----	48.87
MW-29	07/16/09	79.13	----	31.15	----	47.98
MW-29	04/08/10	79.13	----	31.04	----	48.09
MW-29	10/01/10	79.13	----	31.64	----	47.49
MW-29	01/08/11	79.13	----	31.90	----	47.23
MW-29	04/06/11	79.13	----	30.19	----	48.94
MW-29	07/08/11	79.13	----	30.65	----	48.48
MW-29	10/06/11	79.13	----	31.30	----	47.83
MW-29	04/12/12	79.13	----	32.52	----	46.61
MW-29	01/10/13	79.13	----	33.79	----	45.34
MW-29	04/03/13	79.13	----	33.78	----	45.35
MW-29	04/08/13	79.13	----	33.58	----	45.55
MW-29	10/02/13	79.13	----	34.50	----	44.63
MW-29	04/09/14	79.13	----	35.19	----	43.94
MW-29	04/17/14	79.13	----	34.78	----	44.35
MW-29	10/27/14	79.13	----	35.26	----	43.87
MW-29	04/20/15	79.13	----	35.65	----	43.48
MW-29	10/19/15	79.13	----	36.46	----	42.67
MW-29	4.11.16	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-29	05/05/20	79.13	----	37.98	----	41.15
MW-29	10/19/20	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-29	05/09/22	79.13	----	39.02	----	40.11
MW-29	10/31/22	79.13	----	39.72	----	39.41
MW-29	05/01/23	79.13	----	38.24	----	40.89
MW-29	11/08/23	79.13	----	37.94	----	41.19
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	NC
MW-O-1	05/02/05	75.48	22.85	22.89	0.04	NC
MW-O-1	10/31/05	75.48	27.43	27.51	0.08	NC
MW-O-1	05/01/06	75.48	22.62	24.09	1.47	NC
MW-O-1	12/04/06	75.48	23.62	24.86	1.24	NC
MW-O-1	04/30/07	75.48	23.98	24.10	0.12	NC
MW-O-1	08/14/07	75.48	23.78	25.31	1.53	NC
MW-O-1	08/28/07	75.48	23.06	23.07	0.01	NC
MW-O-1	11/12/07	75.48	24.25	24.27	0.02	NC
MW-O-1	10/17/08	75.48	----	25.30	----	50.18
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	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	04/20/15	75.48	----	30.39	----	45.09
MW-O-1	10/27/15	75.48	----	27.67	----	47.81
MW-O-1	04/11/16	75.48	----	DRY	----	----
MW-O-1	10/03/16	75.48	----	DRY (32.71)	----	----
MW-O-1	04/17/17	75.48	----	DRY	----	----
MW-O-1	10/02/17	75.48	----	DRY (8.77)	----	----
MW-O-1	04/16/18	75.48	----	DRY	----	----
MW-O-1	11/05/18	75.48	----	DRY (34.26)	----	----
MW-O-1	04/16/19	75.48	----	32.09	----	43.39
MW-O-1	10/28/19	75.48	----	DRY (39.24)	----	----
MW-O-1	05/04/20	75.48	----	31.98	----	43.50
MW-O-1	11/02/20	75.48	----	DRY (39.27)	----	----
MW-O-1	05/03/21	75.48	----	DRY	----	----

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
MW-O-1	11/01/21	75.48	----	DRY (34.30)	----	----	
MW-O-1	05/09/22	75.48	----	DRY (34.33)	----	----	
MW-O-2	05/28/96	74.38	25.39	27.40	2.01	NC	
MW-O-2	11/20/96	74.38	25.55	29.58	4.03	NC	
MW-O-2	07/01/97	74.31	26.15	26.49	0.34	NC	
MW-O-2	12/31/97	74.31	26.78	29.00	2.22	NC	
MW-O-2	05/15/00	74.31	25.37	29.63	4.26	NC	
MW-O-2	11/13/00	74.31	25.61	26.32	0.71	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	10/06/03	74.31	23.00	24.19	1.19	NC	
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	NC	
MW-O-2	05/22/06	74.31	21.31	21.32	0.01	NC	
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	10/17/08	71.90	----	24.85	----	47.05	
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	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	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	NC	
MW-O-2	04/20/15	71.90	29.34	30.94	1.60	NC	
MW-O-2	05/21/15	71.90	27.31	32.50	5.19	NC	
MW-O-2	10/19/15	71.90	30.53	32.39	1.86	NC	
MW-O-2	04/11/16	71.90	32.54	33.03	0.49	NC	
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	NC	
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	NC	
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	obstruction				
MW-O-2	05/04/20	71.90	----	31.87	----	40.03	
MW-O-2	11/02/20	71.90	----	30.60	----	41.30	
MW-O-2	05/03/21	71.90	----	32.94	----	38.96	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-O-2	11/01/21	71.90	----	33.61	----	38.29
MW-O-2	05/09/22	71.90	----	33.36	----	38.54
MW-O-2	10/31/22	71.90	----	33.44	----	38.46
MW-O-2	05/01/23	71.90	----	33.09	----	38.81
MW-O-2	11/06/23	71.90	----	33.14	----	38.76
MW-O-4	05/04/99	75.00	24.14	24.19	0.05	NC
MW-O-4	04/08/02	75.00	----	22.71	----	52.29
MW-SF-1	08/07/01	76.31	29.07	29.18	0.11	NC
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	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	04/20/09	78.93	----	29.97	----	48.96
MW-SF-1	07/20/09	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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
MW-SF-1	04/14/14	78.93	32.69	37.40	4.71	NC
MW-SF-1	10/27/14	78.93	34.43	34.80	0.37	NC
MW-SF-1	04/20/15	78.93	34.48	34.89	0.41	NC
MW-SF-1	10/19/15	78.93	35.53	36.35	0.82	NC
MW-SF-1	04/11/16	78.93	----	37.96	----	40.97
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-1	05/09/22	78.93	----	38.52	----	40.41
MW-SF-1	10/31/22	78.93	----	38.68	----	40.25
MW-SF-1	05/01/23	78.93	----	DRY	----	----
MW-SF-1	11/06/23	78.93	----	39.30	----	39.63
MW-SF-2	11/20/96	78.45	30.31	36.68	6.37	NC
MW-SF-2	07/01/97	78.45	28.43	45.25	16.82	NC
MW-SF-2	12/31/97	78.45	30.86	33.92	3.06	NC
MW-SF-2	05/01/98	78.45	20.73	27.55	6.82	NC
MW-SF-2	05/15/00	78.45	27.56	30.01	2.45	NC
MW-SF-2	11/13/00	78.45	29.27	30.32	1.05	NC
MW-SF-2	05/07/01	78.45	28.00	29.75	1.75	NC
MW-SF-2	08/07/01	78.45	28.79	30.25	1.46	NC
MW-SF-2	11/05/01	78.45	29.50	30.49	0.99	NC
MW-SF-2	10/21/02	78.45	29.74	30.74	1.00	NC
MW-SF-2	10/06/03	78.93	29.87	29.88	0.01	NC
MW-SF-2	04/19/04	78.45	30.90	30.91	0.01	NC
MW-SF-2	05/02/05	78.45	26.25	26.52	0.27	NC
MW-SF-2	10/31/05	78.45	26.30	29.71	3.41	NC
MW-SF-2	05/01/06	78.45	27.22	27.96	0.74	NC
MW-SF-2	12/04/06	78.45	27.98	28.82	0.84	NC
MW-SF-2	04/30/07	78.45	28.34	28.35	0.01	NC
MW-SF-2	11/12/07	78.45	28.71	29.18	0.47	NC
MW-SF-2	08/12/08	78.45	----	31.11	----	47.34
MW-SF-2	10/17/08	78.45	31.00	31.55	0.55	NC
MW-SF-2	04/21/09	78.53	----	29.98	----	48.55

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-2	10/04/10	78.53	30.75	30.96	0.21	NC
MW-SF-2	04/11/11	78.53	-----	29.83	-----	48.70
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	NC
MW-SF-2	04/14/14	78.53	33.27	37.50	4.23	NC
MW-SF-2	10/27/14	78.53	33.54	37.04	3.50	NC
MW-SF-2	04/20/15	78.53	34.73	36.15	1.42	NC
MW-SF-2	10/21/15	78.53	36.13	36.32	0.19	NC
MW-SF-2	04/11/16	78.53	-----	37.47	-----	41.06
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-2	05/09/22	78.53	-----	38.17	-----	40.36
MW-SF-2	10/31/22	78.53	-----	38.24	-----	40.29
MW-SF-2	05/01/23	78.53	-----	38.17	-----	40.36
MW-SF-2	11/06/23	78.53	-----	39.63	-----	38.90
MW-SF-3	08/07/01	76.03	27.67	29.20	1.53	NC
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	NC
MW-SF-3	10/06/03	78.93	28.92	29.09	0.17	NC
MW-SF-3	04/19/04	77.62	29.92	30.81	0.89	NC
MW-SF-3	05/02/05	77.62	25.09	26.70	1.61	NC
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	NC
MW-SF-3	12/04/06	77.62	27.18	27.77	0.59	NC
MW-SF-3	04/30/07	77.62	27.45	27.72	0.27	NC
MW-SF-3	11/12/07	77.62	28.28	29.34	1.06	NC
MW-SF-3	08/12/08	77.62	29.05	30.30	1.25	NC
MW-SF-3	10/17/08	77.62	-----	29.45	-----	48.17

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-3	04/21/09	78.12	29.50	29.51	0.01	NC
MW-SF-3	10/04/10	78.12	30.30	30.88	0.58	NC
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	10/15/12	78.12	-----	32.47	-----	45.65
MW-SF-3	05/24/13	78.12	32.51	33.35	0.84	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	NC
MW-SF-3	10/27/14	78.12	33.85	34.49	0.64	NC
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	04/11/16	78.12	-----	37.17	-----	40.95
MW-SF-3	10/03/16	78.12	-----	39.40	-----	38.72
MW-SF-3	04/20/17	78.12	-----	35.15	-----	42.97
MW-SF-3	10/02/17	78.12	-----	39.20	-----	38.92
MW-SF-3	04/16/18	78.12	-----	38.81	-----	39.31
MW-SF-3	11/05/18	78.12	-----	38.69	-----	39.43
MW-SF-3	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-3	05/09/22	78.12	-----	37.75	-----	40.37
MW-SF-3	10/31/22	78.12	-----	37.87	-----	40.25
MW-SF-3	05/01/23	78.12	-----	38.02	-----	40.10
MW-SF-3	11/06/23	78.12	-----	38.64	-----	39.48
MW-SF-4	11/20/96	79.38	32.17	35.90	3.73	NC
MW-SF-4	07/01/97	79.38	31.85	36.92	5.07	NC
MW-SF-4	12/31/97	79.38	32.10	33.89	1.79	NC
MW-SF-4	05/01/98	79.38	28.27	29.99	1.72	NC
MW-SF-4	11/19/99	79.38	28.80	36.87	8.07	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	07/30/03	79.38	31.89	31.92	0.03	NC
MW-SF-4	10/06/03	79.38	-----	30.82	-----	48.56
MW-SF-4	01/27/04	79.38	31.30	31.94	0.64	NC
MW-SF-4	04/19/04	79.38	31.65	32.70	1.05	NC
MW-SF-4	07/19/04	79.38	31.42	31.81	0.39	NC
MW-SF-4	02/01/05	79.38	30.34	30.71	0.37	NC
MW-SF-4	05/02/05	79.38	26.85	27.00	0.15	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-4	08/01/05	79.38	27.43	27.81	0.38	NC
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	NC
MW-SF-4	05/01/06	79.38	28.34	28.56	0.22	NC
MW-SF-4	09/18/06	79.38	29.56	29.94	0.38	NC
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	NC
MW-SF-4	04/30/07	79.38	29.11	29.96	0.85	NC
MW-SF-4	08/28/07	79.38	28.30	29.95	1.65	NC
MW-SF-4	11/12/07	79.38	29.69	29.70	0.01	NC
MW-SF-4	02/19/08	79.38	-----	30.22	-----	49.16
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	04/20/09	79.38	29.94	30.02	0.08	NC
MW-SF-4	07/20/09	79.38	31.61	31.65	0.04	NC
MW-SF-4	10/19/09	79.38	31.90	31.93	0.03	NC
MW-SF-4	03/15/10	79.38	31.91	31.95	0.04	NC
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	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	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	04/25/14	79.38	34.23	40.03	5.80	NC
MW-SF-4	10/27/14	79.38	35.25	35.54	0.29	NC
MW-SF-4	04/20/15	79.38	35.29	37.78	2.49	NC
MW-SF-4	10/19/15	79.38	36.25	38.12	1.87	NC
MW-SF-4	04/11/16	79.38	-----	37.76	-----	41.62
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-4	05/09/22	79.38	----	38.69	----	40.69
MW-SF-4	10/31/22	79.38	----	38.97	----	40.41
MW-SF-4	05/01/23	79.38	----	39.65	----	39.73
MW-SF-4	11/06/23	79.38	----	39.50	----	39.88
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	NC
MW-SF-5	10/06/03	79.74	31.14	31.15	0.01	NC
MW-SF-5	04/19/04	79.74	----	32.22	----	47.52
MW-SF-5	05/02/05	79.74	----	27.50	----	52.24
MW-SF-5	10/31/05	79.74	----	27.99	----	51.75
MW-SF-5	05/01/06	79.74	----	28.42	----	51.32
MW-SF-5	12/04/06	79.74	----	28.23	----	51.51
MW-SF-5	04/30/07	79.74	----	29.54	----	50.20
MW-SF-5	08/28/07	79.74	----	28.84	----	50.90
MW-SF-5	11/12/07	79.74	----	29.93	----	49.81
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	05/24/10	79.74	----	31.55	----	48.19
MW-SF-5	05/28/10	79.74	----	31.44	----	48.30
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	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	04/11/16	79.74	----	DRY	----	----
MW-SF-5	10/03/16	79.74	----	DRY (37.80)	----	----
MW-SF-5	04/17/17	79.74	----	36.88	----	42.86
MW-SF-5	10/02/17	79.74	----	DRY (38.09)	----	----

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-5	04/16/18	79.74	----	DRY	----	----
MW-SF-5	11/05/18	79.74	----	DRY (38.29)	----	----
MW-SF-5	04/16/19	79.74	----	DRY	----	----
MW-SF-5	10/28/19	79.74	----	DRY (38.21)	----	----
MW-SF-5	05/04/20	79.74	----	37.86	----	41.88
MW-SF-5	11/02/20	79.74	----	DRY (38.20)	----	----
MW-SF-5	05/03/21	79.74	----	DRY	----	----
MW-SF-5	11/01/21	79.74	----	DRY (38.22)	----	----
MW-SF-5	05/09/22	79.74	----	DRY (38.22)	----	----
MW-SF-5	10/31/22	79.74	----	DRY (38.19)	----	----
MW-SF-5	05/01/23	79.74	----	DRY	----	----
MW-SF-5	11/06/23	79.74	----	DRY (38.21)	----	----
MW-SF-6	11/20/96	80.59	31.88	39.82	7.94	NC
MW-SF-6	07/01/97	80.59	33.20	39.18	5.98	NC
MW-SF-6	12/31/97	80.59	34.38	39.94	5.56	NC
MW-SF-6	05/01/98	80.59	24.82	30.01	5.19	NC
MW-SF-6	05/15/00	80.59	29.67	31.19	1.52	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	NC
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	04/21/09	76.80	----	28.45	----	48.35
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	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	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	NC
MW-SF-6	10/27/14	76.80	32.58	32.92	0.34	NC
MW-SF-6	04/20/15	76.80	33.11	33.23	0.12	NC
MW-SF-6	10/21/15	76.80	----	34.28	----	42.52
MW-SF-6	04/11/16	76.80	----	35.83	----	40.97
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-6	05/09/22	76.80	----	36.47	----	40.33
MW-SF-6	10/31/22	76.80	----	36.45	----	40.35
MW-SF-6	05/01/23	76.80	----	37.30	----	39.50
MW-SF-6	11/06/23	76.80	----	37.94	----	38.86
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	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	NC
MW-SF-9	04/19/04	74.10	26.20	26.23	0.03	NC
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	08/28/07	74.10	----	20.55	----	53.55
MW-SF-9	11/12/07	74.10	----	22.96	----	51.14
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	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	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	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	NC
MW-SF-9	10/27/14	74.10	29.89	30.29	0.40	NC
MW-SF-9	04/20/15	74.10	27.67	36.69	9.02	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
MW-SF-9	10/19/15	74.10	31.04	31.44	0.40	NC	
MW-SF-9	04/11/16	74.10	----	32.89	----	41.21	
MW-SF-9	05/04/20	74.10	----	DRY	----	----	
MW-SF-9	11/02/20	74.10	obstruction at 6.58 feet				
MW-SF-9	05/03/21	74.10	----	DRY	----	----	
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	NC	
MW-SF-10	04/11/11	76.53	27.37	27.41	0.04	NC	
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	10/15/12	76.53	----	29.27	----	47.26	
MW-SF-10	10/19/15	76.53	----	DRY (30.27)	----	----	
MW-SF-10	04/11/16	76.53	----	DRY	----	----	
MW-SF-10	10/03/16	76.53	----	DRY (30.40)	----	----	
MW-SF-10	04/17/17	76.53	----	DRY	----	----	
MW-SF-10	10/02/17	76.53	----	DRY (29.64)	----	----	
MW-SF-10	04/16/18	76.53	----	DRY	----	----	
MW-SF-10	11/05/18	76.53	----	DRY (29.67)	----	----	
MW-SF-10	04/16/19	76.53	----	DRY	----	----	
MW-SF-10	10/28/19	76.53	----	DRY (29.62)	----	----	
MW-SF-10	05/04/20	76.53	----	DRY	----	----	
MW-SF-10	11/02/20	76.53	----	DRY (28.20)	----	----	
MW-SF-10	05/03/21	76.53	----	DRY	----	----	
MW-SF-10	11/01/21	76.53	----	DRY (27.77)	----	----	
MW-SF-10	05/09/22	76.53	----	DRY (29.45)	----	----	
MW-SF-10	10/31/22	76.53	----	DRY (29.41)	----	----	
MW-SF-10	05/01/23	76.53	----	DRY	----	----	
MW-SF-10	11/06/23	76.53	----	DRY (29.33)	----	----	
MW-SF-11	08/28/07	78.56	----	28.22	----	50.34	
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	04/21/09	78.56	----	30.03	----	48.53	
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	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	NC	
MW-SF-11	10/27/14	78.56	33.99	36.20	2.21	NC	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-11	04/20/15	78.56	34.86	38.89	4.03	NC
MW-SF-11	10/20/15	78.56	35.38	37.42	2.04	NC
MW-SF-11	04/11/16	78.56	-----	37.62	-----	40.94
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	-----	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-11	05/09/22	78.56	-----	38.14	-----	40.42
MW-SF-11	10/31/22	78.56	-----	38.17	-----	40.39
MW-SF-11	05/01/23	78.56	-----	38.22	-----	40.34
MW-SF-11	11/06/23	78.56	-----	40.08	-----	38.48
MW-SF-12	08/28/07	78.07	-----	27.58	-----	50.49
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	78.08	-----	30.42	-----	47.66
MW-SF-12	04/21/09	78.07	-----	29.52	-----	48.55
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	10/15/12	78.07	-----	32.12	-----	45.95
MW-SF-12	04/14/14	78.07	32.67	38.04	5.37	NC
MW-SF-12	09/05/14	78.07	32.93	38.52	5.59	NC
MW-SF-12	10/27/14	78.07	33.08	37.40	4.32	NC
MW-SF-12	04/20/15	78.07	34.05	36.42	2.37	NC
MW-SF-12	10/20/15	78.07	34.84	36.78	1.94	NC
MW-SF-12	04/11/16	78.07	-----	37.13	-----	40.94
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-12	05/09/22	78.07	----	37.36	----	40.71
MW-SF-12	10/31/22	78.07	----	37.42	----	40.65
MW-SF-12	05/01/23	78.07	----	38.09	----	39.98
MW-SF-12	11/06/23	78.07	----	39.15	----	38.92
MW-SF-13	08/28/07	73.40	----	22.85	----	50.55
MW-SF-13	11/12/07	73.40	----	23.70	----	49.70
MW-SF-13	08/15/08	73.40	24.11	27.38	3.27	NC
MW-SF-13	10/17/08	73.40	24.33	27.28	2.95	NC
MW-SF-13	10/21/08	73.40	24.26	27.14	2.88	NC
MW-SF-13	04/21/09	73.40	24.78	24.86	0.08	NC
MW-SF-13	10/04/10	73.40	25.92	26.95	1.03	NC
MW-SF-13	04/12/11	73.40	24.78	24.79	0.01	NC
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	10/15/12	73.40	----	27.01	----	46.39
MW-SF-13	04/08/13	73.40	----	27.90	----	45.50
MW-SF-13	11/14/13	73.40	28.25	29.95	1.70	NC
MW-SF-13	04/14/14	73.40	28.47	31.36	2.89	NC
MW-SF-13	10/27/14	73.40	29.06	30.21	1.15	NC
MW-SF-13	04/20/15	73.40	29.04	32.44	3.40	NC
MW-SF-13	10/19/15	73.40	29.31	35.16	5.85	NC
MW-SF-13	04/11/16	73.40	----	32.28	----	41.12
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-13	05/09/22	73.40	----	33.52	----	39.88
MW-SF-13	10/31/22	73.40	----	33.12	----	40.28
MW-SF-13	05/01/23	73.40	----	33.00	----	40.40
MW-SF-13	11/06/23	73.40	----	33.90	----	39.50
MW-SF-14	08/28/07	78.16	----	27.53	----	50.63
MW-SF-14	08/15/08	78.16	29.24	29.77	0.53	NC
MW-SF-14	10/17/08	78.16	29.50	29.52	0.02	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-14	04/21/09	78.16	----	29.61	----	48.55
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	10/15/12	78.16	----	30.02	----	48.14
MW-SF-14	05/24/13	78.16	----	32.75	----	45.41
MW-SF-14	11/14/13	78.16	33.19	33.57	0.38	NC
MW-SF-14	04/14/14	78.16	33.56	34.81	1.25	NC
MW-SF-14	10/27/14	78.16	33.97	34.40	0.43	NC
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	04/11/16	78.16	----	37.14	----	41.02
MW-SF-14	10/03/16	78.16	----	DRY (40.15)	----	----
MW-SF-14	04/17/17	78.16	----	DRY	----	----
MW-SF-14	10/02/17	78.16	----	DRY (36.03)	----	----
MW-SF-14	04/16/18	78.16	----	DRY	----	----
MW-SF-14	11/05/18	78.16	----	DRY (36.10)	----	----
MW-SF-14	04/16/19	78.16	----	DRY	----	----
MW-SF-14	10/28/19	78.16	----	DRY (36.07)	----	----
MW-SF-14	05/04/20	78.16	----	DRY	----	----
MW-SF-14	11/02/20	78.16	----	DRY (35.80)	----	----
MW-SF-14	05/03/21	78.16	----	DRY	----	----
MW-SF-14	11/01/21	78.16	----	DRY (35.83)	----	----
MW-SF-14	05/09/22	78.16	----	DRY (35.85)	----	----
MW-SF-14	10/31/22	78.16	----	DRY (35.88)	----	----
MW-SF-14	05/01/23	78.16	----	DRY	----	----
MW-SF-14	11/06/23	78.16	----	DRY (35.83)	----	----
MW-SF-15	08/28/07	78.27	27.61	27.65	0.04	NC
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	NC
MW-SF-15	10/17/08	78.27	29.44	30.80	1.36	NC
MW-SF-15	04/21/09	78.27	29.60	29.96	0.36	NC
MW-SF-15	10/04/10	78.27	30.65	30.66	0.01	NC
MW-SF-15	04/12/11	78.27	29.40	30.50	1.10	NC
MW-SF-15	10/10/11	78.27	----	29.60	----	48.67
MW-SF-15	04/16/12	78.27	32.39	32.48	0.09	NC
MW-SF-15	10/15/12	78.16	----	33.04	----	45.12
MW-SF-15	05/24/13	78.27	----	33.90	----	44.37
MW-SF-15	11/14/13	78.27	33.38	33.41	0.03	NC
MW-SF-15	04/18/14	78.27	----	33.85	----	44.42
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	NC
MW-SF-15	10/19/15	78.27	34.87	37.90	3.03	NC

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-15	04/11/16	78.27	----	37.24	----	41.03
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-15	05/09/22	78.27	----	37.86	----	40.41
MW-SF-15	10/31/22	78.27	----	38.02	----	40.25
MW-SF-15	05/01/23	78.27	----	33.82	----	44.45
MW-SF-15	11/06/23	78.27	----	39.02	----	39.25
MW-SF-16	08/28/07	78.21	----	27.51	----	50.70
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	04/21/09	78.21	----	29.60	----	48.61
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	10/15/12	78.21	----	32.47	----	45.74
MW-SF-16	05/24/13	78.21	32.73	32.97	0.24	NC
MW-SF-16	11/14/13	78.21	33.21	33.80	0.59	NC
MW-SF-16	04/18/14	78.21	33.65	34.20	0.55	NC
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	10/21/15	78.21	----	34.56	----	43.65
MW-SF-16	04/11/16	78.21	----	37.15	----	41.06
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 (34.82)	----	----
MW-SF-16	04/16/18	78.21	----	DRY	----	----
MW-SF-16	11/05/18	78.21	----	DRY (35.98)	----	----
MW-SF-16	04/16/19	78.21	----	DRY	----	----
MW-SF-16	10/28/19	78.21	----	DRY (35.08)	----	----
MW-SF-16	05/04/20	78.21	----	DRY	----	----
MW-SF-16	11/02/20	78.21	----	DRY (33.13)	----	----
MW-SF-16	05/03/21	78.21	----	DRY	----	----
MW-SF-16	11/01/21	78.21	----	DRY (33.14)	----	----

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
MW-SF-16	05/09/22	78.21	----	DRY (33.13)	----	----
MW-SF-16	10/31/22	78.21	obstruction at 33.17 feet			
MW-SF-16	05/01/23	78.21	----	DRY	----	----
MW-SF-16	11/06/23	78.21	obstruction at 33.14 feet			
OLD_TF-24	11/20/96	76.36	----	31.18	----	45.18
OLD_TF-24	04/27/07	76.36	----	27.39	----	48.97
PW-1	05/28/96	75.52	----	29.74	----	45.78
PW-1	11/20/96	75.52	----	29.04	----	46.48
PW-1	07/01/97	75.52	----	30.17	----	45.35
PW-1	12/31/97	75.52	----	28.95	----	46.57
PW-1	05/01/98	75.52	----	27.37	----	48.15
PW-1	05/06/99	75.52	----	27.44	----	48.08
PW-1	08/09/99	75.52	----	27.87	----	47.65
PW-1	11/15/99	75.52	----	27.78	----	47.74
PW-1	05/15/00	75.52	----	27.63	----	47.89
PW-1	11/13/00	75.52	----	28.84	----	46.68
PW-1	05/07/01	75.52	----	27.01	----	48.51
PW-1	11/05/01	75.52	----	26.72	----	48.80
PW-1	04/08/02	75.52	----	27.45	----	48.07
PW-1	10/21/02	75.52	----	27.63	----	47.89
PW-1	04/07/03	75.52	----	27.60	----	47.92
PW-1	10/06/03	75.52	----	27.68	----	47.84
PW-1	01/11/04	75.52	----	28.61	----	46.91
PW-1	04/19/04	75.52	----	28.85	----	46.67
PW-1	05/02/05	75.52	----	25.43	----	50.09
PW-1	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	10/15/12	75.52	----	27.76	----	47.76
PW-1	10/19/15	75.52	----	DRY (27.85)	----	----
PW-1	04/11/16	75.52	----	DRY	----	----

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
PW-1	10/03/16	75.52	----	DRY (28.40)	----	----	
PW-1	04/17/17	75.52	----	DRY	----	----	
PW-1	10/02/17	75.52	----	34.40	----	41.12	
PW-1	04/16/18	75.52	----	DRY	----	----	
PW-1	11/05/18	75.52	----	DRY (29.45)	----	----	
PW-1	04/16/19	75.52	----	DRY	----	----	
PW-1	10/28/19	75.52	----	DRY (34.22)	----	----	
PW-1	05/04/20	75.52	----	DRY	----	----	
PW-1	11/02/20	75.52	obstruction at 29.53 feet				
PW-1	05/03/21	75.52	----	DRY	----	----	
PW-1	11/01/21	75.52	----	35.53	----	39.99	
PW-1	05/09/22	75.52	----	35.70	----	39.82	
PW-1	10/31/22	75.52	----	35.80	----	39.72	
PW-1	05/01/23	75.52	----	35.02	----	40.50	
PW-1	11/06/23	75.52	----	34.83	----	40.69	
PW-2	05/28/96	74.65	----	27.83	----	46.82	
PW-2	11/20/96	74.65	----	28.82	----	45.83	
PW-2	07/01/97	74.65	----	31.20	----	43.45	
PW-2	12/31/97	74.65	----	28.52	----	46.13	
PW-2	05/01/98	74.65	----	26.34	----	48.31	
PW-2	02/02/99	74.65	----	25.39	----	49.26	
PW-2	05/06/99	74.65	----	26.42	----	48.23	
PW-2	08/09/99	74.65	----	26.92	----	47.73	
PW-2	11/15/99	74.65	----	28.05	----	46.60	
PW-2	02/29/00	74.65	----	26.82	----	47.83	
PW-2	05/15/00	74.65	----	27.12	----	47.53	
PW-2	08/28/00	74.65	----	28.10	----	46.55	
PW-2	11/13/00	74.65	----	28.36	----	46.29	
PW-2	02/05/01	74.65	----	26.84	----	47.81	
PW-2	05/07/01	74.65	----	26.22	----	48.43	
PW-2	09/18/01	74.65	----	25.85	----	48.80	
PW-2	11/05/01	74.65	----	26.00	----	48.65	
PW-2	01/29/02	74.65	----	26.09	----	48.56	
PW-2	04/08/02	74.65	----	26.69	----	47.96	
PW-2	10/21/02	74.65	----	26.95	----	47.70	
PW-2	01/14/03	74.65	----	26.86	----	47.79	
PW-2	04/07/03	74.65	----	28.96	----	45.69	
PW-2	07/07/03	74.71	----	27.51	----	47.20	
PW-2	10/06/03	74.65	----	27.00	----	47.65	
PW-2	01/11/04	74.71	----	28.02	----	46.69	
PW-2	01/20/04	74.71	----	29.28	----	45.43	
PW-2	04/19/04	74.71	----	26.21	----	48.50	
PW-2	04/27/04	74.71	----	27.69	----	47.02	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
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	10/19/15	74.71	----	DRY (25.98)	----	----	
PW-2	04/11/16	74.71	----	DRY	----	----	
PW-2	10/03/16	74.71	----	DRY (25.90)	----	----	
PW-2	04/17/17	74.71	----	DRY	----	----	
PW-2	10/02/17	74.71	----	DRY (25.84)	----	----	
PW-2	04/16/18	74.71	----	DRY	----	----	
PW-2	11/05/18	74.71	----	DRY (25.76)	----	----	
PW-2	04/16/19	74.71	----	DRY	----	----	
PW-2	10/28/19	74.71	----	DRY (35.62)	----	----	
PW-2	05/04/20	74.71	----	32.48	----	42.23	
PW-2	11/02/20	74.71	obstruction at 25.79 feet				
PW-2	05/03/21	74.71	----	DRY	----	----	
PW-2	11/01/21	74.71	----	34.47	----	40.24	
PW-2	05/09/22	74.71	----	34.58	----	40.13	
PW-2	10/31/22	74.71	----	34.66	----	40.05	
PW-2	05/01/23	74.71	----	34.02	----	40.69	
PW-2	11/06/23	74.71	----	35.00	----	39.71	
PW-3	05/28/96	73.64	----	26.73	----	46.91	
PW-3	11/20/96	73.64	----	27.11	----	46.53	
PW-3	07/01/97	73.64	----	28.84	----	44.80	
PW-3	12/31/97	73.64	----	27.29	----	46.35	
PW-3	05/01/98	73.64	----	25.10	----	48.54	
PW-3	02/03/99	73.64	----	24.23	----	49.41	
PW-3	05/04/99	73.64	----	25.05	----	48.59	
PW-3	08/10/99	73.64	----	25.35	----	48.29	
PW-3	11/13/00	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	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PW-3	01/14/03	73.64	----	25.72	----	47.92
PW-3	04/07/03	73.64	----	26.17	----	47.47
PW-3	07/07/03	73.71	----	25.81	----	47.90
PW-3	10/06/03	73.64	----	25.63	----	48.01
PW-3	01/11/04	73.71	----	26.03	----	47.68
PW-3	01/20/04	73.71	----	26.36	----	47.35
PW-3	04/19/04	73.71	----	26.63	----	47.08
PW-3	04/27/04	73.71	----	26.34	----	47.37
PW-3	06/07/04	73.71	----	26.63	----	47.08
PW-3	07/08/04	73.71	----	26.81	----	46.90
PW-3	05/02/05	73.71	----	23.48	----	50.23
PW-3	10/31/05	73.71	----	23.61	----	50.10
PW-3	05/01/06	73.71	----	23.22	----	50.49
PW-3	12/04/06	73.71	----	23.95	----	49.76
PW-3	04/30/07	73.71	----	23.99	----	49.72
PW-3	11/12/07	73.71	----	24.33	----	49.38
PW-3	04/14/08	73.71	----	24.75	----	48.96
PW-3	10/13/08	73.71	----	26.20	----	47.51
PW-3	04/20/09	73.71	----	25.40	----	48.31
PW-3	10/19/09	73.71	----	26.03	----	47.68
PW-3	05/24/10	73.71	----	26.45	----	47.26
PW-3	05/28/10	73.71	----	26.41	----	47.30
PW-3	10/04/10	73.71	----	26.61	----	47.10
PW-3	04/11/11	73.71	----	25.60	----	48.11
PW-3	10/10/11	73.71	----	25.57	----	48.14
PW-3	04/16/12	73.71	----	26.55	----	47.16
PW-3	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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PW-3	05/09/22	73.71	----	33.86	----	39.85
PW-3	10/31/22	73.71	----	33.60	----	40.11
PW-3	05/01/23	73.71	----	33.42	----	40.29
PW-3	11/06/23	73.71	----	34.92	----	38.79
PZ-1	11/20/96	73.74	----	26.91	----	46.83
PZ-1	07/01/97	73.74	----	27.61	----	46.13
PZ-1	12/31/97	73.74	----	27.03	----	46.71
PZ-1	05/01/98	73.74	----	24.13	----	49.61
PZ-1	05/04/99	73.74	----	25.74	----	48.00
PZ-1	08/09/99	73.74	----	25.77	----	47.97
PZ-1	11/15/99	73.74	----	26.46	----	47.28
PZ-1	05/15/00	73.74	----	26.09	----	47.65
PZ-1	11/13/00	73.74	----	26.51	----	47.23
PZ-1	05/07/01	73.74	----	24.78	----	48.96
PZ-1	11/05/01	73.74	----	24.81	----	48.93
PZ-1	04/08/02	73.74	----	25.50	----	48.24
PZ-2	05/28/96	73.96	----	28.26	----	45.70
PZ-2	11/20/96	73.96	----	27.49	----	46.47
PZ-2	07/01/97	73.96	27.56	28.92	1.36	NC
PZ-2	12/31/97	73.96	28.87	29.45	0.58	NC
PZ-2	05/01/98	73.96	23.83	25.40	1.57	NC
PZ-2	05/04/99	73.96	25.38	27.20	1.82	NC
PZ-2	08/09/99	73.96	25.71	27.58	1.87	NC
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	NC
PZ-2	05/07/01	73.96	24.99	25.21	0.22	NC
PZ-2	11/05/01	73.96	24.87	25.09	0.22	NC
PZ-2	04/08/02	73.96	24.96	24.96	0.00	NC
PZ-2	10/21/02	73.96	26.31	26.44	0.13	NC
PZ-2	04/07/03	73.96	26.12	26.22	0.10	NC
PZ-2	10/06/03	73.96	25.51	25.53	0.02	NC
PZ-2	04/19/04	73.96	26.81	26.89	0.08	NC
PZ-2	11/02/04	73.96	27.19	27.24	0.05	NC
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PZ-2	05/22/09	73.96	----	25.55	----	48.41
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	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	04/08/13	73.96	----	28.68	----	45.28
PZ-2	10/07/13	73.96	----	29.28	----	44.68
PZ-2	04/14/14	73.96	----	29.74	----	44.22
PZ-2	04/20/15	73.96	----	30.48	----	43.48
PZ-2	10/19/15	73.96	----	31.18	----	42.78
PZ-2	04/11/16	73.96	----	32.97	----	40.99
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	----	32.88	----	41.08
PZ-2	05/03/21	73.96	----	DRY	----	----
PZ-2	11/01/21	73.96	----	34.12	----	39.84
PZ-2	05/09/22	73.96	----	33.95	----	40.01
PZ-2	10/31/22	73.96	----	34.03	----	39.93
PZ-2	05/01/23	73.96	----	24.33	----	49.63
PZ-2	11/06/23	73.96	----	35.94	----	38.02
PZ-3	05/28/96	76.17	27.83	32.71	4.88	NC
PZ-3	11/20/96	76.17	28.79	32.80	4.01	NC
PZ-3	07/01/97	76.17	28.75	30.69	1.94	NC
PZ-3	12/31/97	76.17	28.60	32.86	4.26	NC
PZ-3	05/01/98	76.17	18.34	25.21	6.87	NC
PZ-3	05/25/99	76.17	----	31.70	----	44.47
PZ-3	05/19/00	76.17	27.48	31.54	4.06	NC
PZ-3	11/13/00	76.17	27.01	30.05	3.04	NC
PZ-3	05/07/01	76.17	25.99	30.30	4.31	NC
PZ-3	04/08/02	76.17	----	31.00	----	45.17
PZ-3	09/19/02	76.17	28.84	29.94	1.10	NC

APPENDIX C
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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PZ-3	10/21/02	76.17	28.10	29.66	1.56	NC
PZ-3	04/07/03	76.17	27.81	28.80	0.99	NC
PZ-3	10/06/03	76.17	27.65	28.90	1.25	NC
PZ-3	04/19/04	76.17	29.08	29.68	0.60	NC
PZ-3	11/01/04	76.17	28.32	29.63	1.31	NC
PZ-3	02/28/05	76.17	24.32	26.89	2.57	NC
PZ-3	03/06/06	76.17	24.97	25.12	0.15	NC
PZ-3	05/01/06	76.17	25.39	25.96	0.57	NC
PZ-3	08/26/06	76.17	25.76	26.26	0.50	NC
PZ-3	12/01/06	76.17	26.11	26.77	0.66	NC
PZ-3	03/21/07	76.17	26.05	26.16	0.11	NC
PZ-3	04/30/07	76.17	26.66	26.68	0.02	NC
PZ-3	02/05/08	76.17	----	27.84	----	48.33
PZ-3	07/24/08	76.17	----	27.33	----	48.84
PZ-3	10/14/08	76.17	----	28.07	----	48.10
PZ-3	02/10/09	76.17	----	27.31	----	48.86
PZ-3	04/20/09	76.17	----	27.94	----	48.23
PZ-3	07/16/09	76.17	----	28.97	----	47.20
PZ-3	04/08/10	76.17	----	28.40	----	47.77
PZ-3	04/12/10	76.17	----	28.14	----	48.03
PZ-3	01/08/11	76.17	----	28.85	----	47.32
PZ-3	04/08/11	76.17	----	27.63	----	48.54
PZ-3	07/08/11	76.17	----	27.85	----	48.32
PZ-3	10/07/11	76.17	----	28.46	----	47.71
PZ-3	04/12/12	76.17	----	29.48	----	46.69
PZ-3	04/19/12	76.17	----	29.30	----	46.87
PZ-3	01/11/13	76.17	30.20	33.08	2.88	NC
PZ-3	04/03/13	76.17	30.63	30.86	0.23	NC
PZ-3	04/08/13	76.17	30.56	30.99	0.43	NC
PZ-3	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	10/20/15	76.17	33.38	34.09	0.71	NC
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	NC
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

APPENDIX C
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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PZ-3	10/19/20	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-3	05/10/22	76.17	----	36.30	----	39.87
PZ-3	11/02/22	76.17	----	36.68	----	39.49
PZ-3	05/03/23	76.17	----	35.43	----	40.74
PZ-3	11/08/23	76.17	----	34.84	----	41.33
PZ-4	05/28/96	76.13	----	28.79	----	47.34
PZ-4	11/20/96	76.13	----	29.80	----	46.33
PZ-4	07/01/97	76.13	----	29.66	----	46.47
PZ-4	12/31/97	76.13	----	29.63	----	46.50
PZ-4	05/01/98	76.13	----	26.82	----	49.31
PZ-4	05/25/99	76.13	----	27.57	----	48.56
PZ-4	05/15/00	76.13	----	28.28	----	47.85
PZ-4	11/13/00	76.13	----	27.89	----	48.24
PZ-4	05/07/01	76.13	----	25.08	----	51.05
PZ-4	05/07/01	76.13	----	26.97	----	49.16
PZ-4	04/08/02	76.13	----	28.16	----	47.97
PZ-4	09/19/02	76.13	----	29.20	----	46.93
PZ-4	04/07/03	76.13	----	28.08	----	48.05
PZ-4	10/06/03	76.13	----	28.03	----	48.10
PZ-4	04/19/04	76.13	----	29.50	----	46.63
PZ-4	11/01/04	76.13	----	28.80	----	47.33
PZ-4	02/28/05	76.13	----	25.13	----	51.00
PZ-4	05/02/05	76.13	----	24.50	----	51.63
PZ-4	03/06/06	76.13	----	25.25	----	50.88
PZ-4	05/01/06	76.13	----	25.63	----	50.50
PZ-4	08/26/06	76.13	----	26.05	----	50.08
PZ-4	12/01/06	76.13	----	26.38	----	49.75
PZ-4	03/21/07	76.13	----	26.12	----	50.01
PZ-4	04/30/07	76.13	----	26.93	----	49.20
PZ-4	08/28/07	76.13	----	26.54	----	49.59
PZ-4	11/12/07	76.13	----	27.50	----	48.63
PZ-4	02/05/08	76.13	----	27.42	----	48.71
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

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PZ-5	05/07/01	73.97	----	23.13	----	50.84
PZ-5	10/06/03	73.97	----	24.58	----	49.39
PZ-5	05/02/05	73.97	----	19.12	----	54.85
PZ-5	10/31/05	73.97	----	21.13	----	52.84
PZ-5	02/27/06	73.97	----	22.06	----	51.91
PZ-5	05/01/06	73.97	----	22.20	----	51.77
PZ-5	09/18/06	73.97	----	22.91	----	51.06
PZ-5	12/04/06	73.97	----	23.26	----	50.71
PZ-5	03/12/07	73.97	----	23.71	----	50.26
PZ-5	04/30/07	73.97	----	23.85	----	50.12
PZ-5	08/28/07	73.97	----	23.85	----	50.12
PZ-5	11/12/07	73.97	----	24.26	----	49.71
PZ-5	02/19/08	73.97	----	24.68	----	49.29
PZ-5	04/14/08	73.97	----	24.10	----	49.87
PZ-5	08/11/08	73.97	----	24.53	----	49.44
PZ-5	10/13/08	73.97	----	25.12	----	48.85
PZ-5	04/20/09	73.97	----	24.81	----	49.16
PZ-5	07/20/09	73.97	----	25.20	----	48.77
PZ-5	10/19/09	73.97	----	26.41	----	47.56
PZ-5	03/15/10	73.97	----	25.99	----	47.98
PZ-5	04/16/10	73.97	----	25.12	----	48.85
PZ-5	05/24/10	73.97	----	25.71	----	48.26
PZ-5	05/28/10	73.97	----	25.68	----	48.29
PZ-5	06/22/10	73.97	----	25.54	----	48.43
PZ-5	07/12/10	73.97	----	26.09	----	47.88
PZ-5	08/12/10	73.97	----	26.16	----	47.81
PZ-5	09/20/10	73.97	----	26.52	----	47.45
PZ-5	10/04/10	73.97	----	25.98	----	47.99
PZ-5	11/16/10	73.97	----	26.46	----	47.51
PZ-5	12/22/10	73.97	----	25.12	----	48.85
PZ-5	01/10/11	73.97	----	26.54	----	47.43
PZ-5	02/24/11	73.97	----	25.55	----	48.42
PZ-5	03/23/11	73.97	----	25.28	----	48.69
PZ-5	04/11/11	73.97	----	24.70	----	49.27
PZ-5	05/13/11	73.97	----	25.21	----	48.76
PZ-5	06/22/11	73.97	----	25.37	----	48.60
PZ-5	07/11/11	73.97	----	25.47	----	48.50
PZ-5	08/19/11	73.97	----	25.35	----	48.62
PZ-5	09/22/11	73.97	----	25.96	----	48.01
PZ-5	10/10/11	73.97	----	25.55	----	48.42
PZ-5	11/28/11	73.97	----	26.16	----	47.81
PZ-5	12/21/11	73.97	----	26.48	----	47.49
PZ-5	01/09/12	73.97	----	26.47	----	47.50

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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-5	05/09/22	73.97	----	28.99	----	44.98
PZ-5	10/31/22	73.97	----	34.02	----	39.95
PZ-5	05/01/23	73.97	----	32.19	----	41.78
PZ-5	11/06/23	73.97	----	31.64	----	42.33
PZ-6	07/07/03	73.91	----	25.65	----	48.26
PZ-6	01/20/04	73.91	----	25.94	----	47.97
PZ-6	04/27/04	73.91	----	26.49	----	47.42
PZ-6	06/07/04	73.91	----	26.56	----	47.35
PZ-6	07/08/04	73.91	----	26.57	----	47.34
PZ-7A	08/01/05	73.87	----	20.22	----	53.65
PZ-7A	05/24/10	73.87	----	25.30	----	48.57

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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	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	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	10/15/12	76.14	----	30.18	----	45.96
PZ-9A	04/08/13	76.14	----	30.67	----	45.47
PZ-9A	04/20/15	76.14	----	32.21	----	43.93
PZ-9B	08/01/05	76.26	----	23.71	----	52.55
PZ-9B	10/04/10	76.26	----	28.51	----	47.75
PZ-9B	04/11/11	76.26	----	27.20	----	49.06

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PZ-9B	10/10/11	76.26	----	28.00	----	48.26
PZ-9B	04/16/12	76.26	----	29.10	----	47.16
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	04/16/12	74.34	----	28.00	----	46.34
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	04/11/16	74.34	----	33.37	----	40.97
PZ-10	10/03/16	74.34	----	DRY (34.81)	----	----
PZ-10	04/17/17	74.34	----	DRY	----	----
PZ-10	10/02/17	74.34	----	DRY (28.97)	----	----
PZ-10	04/16/18	74.34	----	DRY	----	----

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
PZ-10	11/05/18	74.34	----	DRY (27.82)	----	----
PZ-10	04/16/19	74.34	----	DRY	----	----
PZ-10	10/28/19	74.34	----	DRY (27.81)	----	----
PZ-10	05/04/20	74.34	----	DRY	----	----
PZ-10	11/02/20	74.34	obstruction at 27.81 feet			
PZ-10	05/03/21	74.34	----	DRY	----	----
PZ-10	11/01/21	74.34	obstruction at 27.79 feet			
PZ-10	05/09/22	74.34	obstruction at 27.72 feet			
PZ-10	10/31/22	74.34	obstruction at 27.85 feet			
PZ-10	05/01/23	74.34	----	DRY	----	----
PZ-10	11/06/23	74.34	obstruction at 27.86 feet			
RTF-18-E	04/19/17	75.19	31.35	31.53	0.18	NC
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	33.36	34.11	0.75	NC
RTF-18-E	05/05/20	74.63	32.83	33.03	0.20	NC
RTF-18-E	10/19/20	74.63	32.78	33.54	0.76	NC
RTF-18-E	05/06/21	74.63	32.94	33.70	0.76	NC
RTF-18-E	11/03/21	74.63	33.89	34.05	0.16	NC
RTF-18-E	05/11/22	74.63	----	33.71	----	40.92
RTF-18-E	11/02/22	74.63	----	34.88	----	39.75
RTF-18-E	05/03/23	74.63	----	32.95	----	41.68
RTF-18-E	11/07/23	74.63	----	32.88	----	41.75
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	32.70	32.71	0.01	NC
RTF-18-N	05/05/20	75.17	----	32.16	----	43.01
RTF-18-N	10/19/20	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-N	05/11/22	75.17	----	32.95	----	42.22
RTF-18-N	11/02/22	75.17	----	33.77	----	41.40
RTF-18-N	05/03/23	75.17	----	32.12	----	43.05
RTF-18-N	11/07/23	75.17	----	31.62	----	43.55
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

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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	33.89	33.92	0.03	NC
RTF-18-NNW	05/05/20	74.88	32.84	32.91	0.07	NC
RTF-18-NNW	10/19/20	74.88	-----	33.50	-----	41.38
RTF-18-NNW	05/06/21	74.88	-----	33.97	-----	40.91
RTF-18-NNW	11/03/21	74.88	34.59	34.73	0.14	NC
RTF-18-NNW	05/11/22	74.88	-----	34.30	-----	40.58
RTF-18-NNW	11/02/22	74.88	-----	35.03	-----	39.85
RTF-18-NNW	05/03/23	74.88	-----	33.50	-----	41.38
RTF-18-NNW	11/07/23	74.88	-----	33.28	-----	41.60
RTF-18-NW	04/19/17	76.22	31.04	31.08	0.04	NC
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	33.22	33.44	0.22	NC
RTF-18-NW	05/05/20	74.28	31.58	31.74	0.16	NC
RTF-18-NW	10/19/20	74.28	-----	31.92	-----	42.36
RTF-18-NW	05/06/21	74.28	-----	32.08	-----	42.20
RTF-18-NW	11/03/21	74.28	-----	32.90	-----	41.38
RTF-18-NW	05/11/22	74.28	-----	33.17	-----	41.11
RTF-18-NW	11/02/22	74.28	-----	33.25	-----	41.03
RTF-18-NW	05/03/23	74.28	-----	31.80	-----	42.48
RTF-18-NW	11/07/23	74.28	-----	31.55	-----	42.73
RTF-18-W	04/19/17	74.86	30.98	31.15	0.17	NC
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	33.32	33.35	0.03	NC
RTF-18-W	05/05/20	74.37	-----	31.70	-----	42.67
RTF-18-W	10/19/20	74.37	-----	31.46	-----	42.91
RTF-18-W	05/06/21	74.37	-----	31.77	-----	42.60
RTF-18-W	11/03/21	74.37	-----	32.40	-----	41.97
RTF-18-W	05/11/22	74.37	-----	32.13	-----	42.24
RTF-18-W	11/02/22	74.37	-----	33.11	-----	41.26
RTF-18-W	05/03/23	74.37	-----	31.38	-----	42.99
RTF-18-W	11/07/23	74.37	-----	31.00	-----	43.37
TF-8	11/20/96	75.60	-----	29.39	-----	46.21

APPENDIX C
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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
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	10/20/15	74.86	----	32.18	----	42.68

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/29/19	74.86	----	35.42	----	39.44
TF-8	05/05/20	74.86	----	34.09	----	40.77
TF-8	10/19/20	74.86	----	34.21	----	40.65
TF-8	05/04/21	74.86	----	34.70	----	40.16
TF-8	11/02/21	74.86	----	35.03	----	39.83
TF-8	05/10/22	74.86	----	35.06	----	39.80
TF-8	11/01/22	74.86	----	35.69	----	39.17
TF-8	05/02/23	74.86	----	34.25	----	40.61
TF-8	11/06/23	74.86	----	34.24	----	40.62
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	NC
TF-9	05/25/99	75.27	27.00	27.04	0.04	NC
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	NC
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	NC
TF-9	12/01/06	75.27	----	25.74	----	49.53
TF-9	03/21/07	75.27	----	25.18	----	50.09
TF-9	04/30/07	74.47	----	25.00	----	49.47
TF-9	08/28/07	75.27	----	26.02	----	49.25
TF-9	11/12/07	74.47	----	25.90	----	48.57
TF-9	02/05/08	75.27	----	26.88	----	48.39
TF-9	04/11/08	74.47	----	25.50	----	48.97
TF-9	07/24/08	74.47	----	27.16	----	47.31
TF-9	02/10/09	75.27	----	27.82	----	47.45

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	Well decommissioned in December 2014 prior to remedial excavation					
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	10/28/19	78.00	----	38.14	----	39.86
TF-9R	05/04/20	78.00	----	36.45	----	41.55
TF-9R	10/19/20	78.00	----	37.25	----	40.75
TF-9R	05/04/21	78.00	----	37.64	----	40.36
TF-9R	11/02/21	78.00	----	38.04	----	39.96
TF-9R	05/10/22	78.00	----	38.27	----	39.73
TF-9R	10/31/22	78.00	----	36.09	----	41.91
TF-9R	05/01/23	78.00	----	37.00	----	41.00
TF-9R	11/08/23	78.00	----	36.25	----	41.75
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	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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
TF-10	08/26/06	73.61	----	24.20	----	49.41
TF-10	12/01/06	73.61	----	24.52	----	49.09
TF-10	03/21/07	73.61	----	24.00	----	49.61
TF-10	04/30/07	73.61	----	24.15	----	49.46
TF-10	08/28/07	74.19	----	24.21	----	49.98
TF-10	11/12/07	73.61	----	25.66	----	47.95
TF-10	02/05/08	74.19	----	25.11	----	49.08
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	NC
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	NC
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	NC
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
TF-11	08/28/07	74.95	----	26.06	----	48.89
TF-11	11/12/07	74.95	----	26.26	----	48.69
TF-11	02/05/08	74.95	----	27.15	----	47.80
TF-11	04/11/08	74.40	----	25.87	----	48.53
TF-11	07/24/08	74.40	----	26.05	----	48.35
TF-11	10/14/08	74.40	----	26.85	----	47.55
TF-11	02/10/09	74.95	----	26.90	----	48.05
TF-11	07/16/09	74.95	----	27.70	----	47.25
TF-11	04/08/10	74.95	----	27.11	----	47.84
TF-11	10/01/10	74.40	----	27.62	----	46.78
TF-11	01/08/11	74.40	----	27.17	----	47.23
TF-11	04/08/11	74.40	----	24.98	----	49.42
TF-11	07/08/11	74.40	----	25.40	----	49.00
TF-11	10/06/11	74.40	----	26.07	----	48.33
TF-11	04/12/12	74.40	----	27.51	----	46.89
TF-11	01/11/13	74.40	----	29.45	----	44.95
TF-11	04/03/13	74.40	----	29.35	----	45.05
TF-13	11/20/96	75.90	----	30.90	----	45.00
TF-13	07/01/97	75.90	30.90	30.95	0.05	NC
TF-13	12/31/97	75.90	28.05	30.97	2.92	NC
TF-13	05/01/98	75.90	30.65	31.10	0.45	NC
TF-13	05/25/99	75.90	27.12	27.40	0.28	NC
TF-13	05/15/00	75.90	31.25	31.65	0.40	NC
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

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	01/10/13	75.47	----	30.15	----	45.32
TF-13	04/03/13	75.47	----	30.00	----	45.47
TF-13	11/07/23	75.47	----	34.05	----	41.42
TF-14	11/20/96	74.78	30.45	31.11	0.66	NC
TF-14	07/01/97	74.78	30.60	31.10	0.50	NC
TF-14	12/31/97	74.78	27.03	31.85	4.82	NC
TF-14	05/01/98	74.78	29.95	30.75	0.80	NC
TF-14	05/25/99	74.78	25.60	28.86	3.26	NC
TF-14	05/15/00	74.78	26.65	27.95	1.30	NC
TF-14	05/07/01	74.78	----	26.30	----	48.48
TF-14	04/08/02	74.35	28.40	28.48	0.08	NC
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

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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
TF-15	07/01/97	75.40	31.40	31.65	0.25	NC
TF-15	12/31/97	75.40	27.79	31.56	3.77	NC
TF-15	05/01/98	75.40	28.35	30.05	1.70	NC
TF-15	05/25/99	75.40	26.41	26.94	0.53	NC
TF-15	05/15/00	75.40	28.90	29.54	0.64	NC
TF-15	05/07/01	75.40	28.90	29.30	0.40	NC
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	NC
TF-15	04/22/03	74.78	----	27.45	----	47.33
TF-15	10/06/03	74.78	----	27.03	----	47.75
TF-15	04/19/04	74.78	----	28.17	----	46.61
TF-15	11/01/04	74.78	27.77	27.79	0.02	NC
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

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
TF-15	04/03/13	74.78	----	29.22	----	45.56
TF-15	10/02/13	74.78	29.97	30.04	0.07	NC
TF-15	04/09/14	74.78	30.22	32.25	2.03	NC
TF-15	04/16/14	74.78	30.18	32.06	1.88	NC
TF-15	10/27/14	74.78	30.31	30.86	0.55	NC
TF-15	04/20/15	74.78	30.68	33.50	2.82	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	34.49	36.28	1.79	NC
TF-15	05/05/20	74.78	----	34.15	----	40.63
TF-15	10/19/20	74.78	----	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-15	05/11/22	74.78	----	35.63	----	39.15
TF-15	11/01/22	74.78	----	36.12	----	38.66
TF-15	05/03/23	74.78	----	34.56	----	40.22
TF-15	11/07/23	74.78	----	34.10	----	40.68
TF-16	11/20/96	76.48	32.52	32.75	0.23	NC
TF-16	07/01/97	76.48	32.50	33.10	0.60	NC
TF-16	12/31/97	76.48	28.69	32.79	4.10	NC
TF-16	05/01/98	76.48	32.07	32.61	0.54	NC
TF-16	05/25/99	76.48	27.82	27.90	0.08	NC
TF-16	05/15/00	76.48	32.03	32.48	0.45	NC
TF-16	05/07/01	76.48	31.96	32.20	0.24	NC
TF-16	04/08/02	75.89	31.40	31.49	0.09	NC
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

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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	NC
TF-16	04/20/15	75.89	31.87	34.70	2.83	NC
TF-16	04/11/16	75.89	33.41	36.15	2.74	NC
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	NC
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	34.69	35.73	1.04	NC
TF-16	05/05/20	75.89	----	34.54	----	41.35
TF-16	10/19/20	75.89	----	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-16	05/10/22	75.89	----	35.86	----	40.03
TF-16	11/01/22	75.89	----	36.31	----	39.58
TF-16	05/03/23	75.89	----	35.01	----	40.88
TF-16	11/08/23	75.89	----	34.37	----	41.52

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TF-17	11/20/96	75.26	30.00	30.53	0.53	NC
TF-17	07/01/97	75.26	30.10	30.20	0.10	NC
TF-17	12/31/97	75.26	----	27.50	----	47.76
TF-17	05/01/98	75.26	24.86	25.18	0.32	NC
TF-17	05/25/99	75.26	25.40	28.24	2.84	NC
TF-17	05/15/00	75.26	28.84	29.32	0.48	NC
TF-17	05/07/01	75.26	----	26.20	----	49.06
TF-17	04/08/02	74.88	27.01	27.04	0.03	NC
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	NC
TF-17	10/06/03	74.88	----	26.63	----	48.25
TF-17	04/19/04	75.26	27.32	28.83	1.51	NC
TF-17	11/01/04	75.26	27.80	28.30	0.50	NC
TF-17	02/28/05	75.26	22.62	23.33	0.71	NC
TF-17	05/02/05	75.26	21.57	22.25	0.68	NC
TF-17	03/06/06	75.26	23.42	23.98	0.56	NC
TF-17	05/01/06	75.26	23.39	26.35	2.96	NC
TF-17	08/26/06	75.26	24.08	26.52	2.44	NC
TF-17	12/01/06	74.88	24.77	26.62	1.85	NC
TF-17	03/21/07	75.26	24.67	25.02	0.35	NC
TF-17	04/30/07	75.26	25.00	26.16	1.16	NC
TF-17	11/09/07	74.88	25.35	26.01	0.66	NC
TF-17	02/05/08	75.26	25.98	28.18	2.20	NC
TF-17	07/24/08	75.26	26.15	27.29	1.14	NC
TF-17	10/13/08	75.26	26.67	27.95	1.28	NC
TF-17	02/10/09	75.26	26.05	27.66	1.61	NC
TF-17	07/17/09	74.88	26.90	27.64	0.74	NC
TF-17	04/08/10	74.88	26.76	26.78	0.02	NC
TF-17	10/01/10	74.88	27.72	28.14	0.42	NC
TF-17	04/08/11	74.88	----	25.74	----	49.14
TF-17	07/08/11	74.88	----	26.40	----	48.48
TF-17	10/06/11	74.88	----	27.07	----	47.81
TF-17	04/12/12	74.88	----	27.96	----	46.92
TF-17	01/11/13	74.88	----	29.55	----	45.33
TF-17	04/03/13	74.88	----	29.71	----	45.17
TF-17	10/02/13	74.88	----	30.42	----	44.46
TF-17	04/09/14	74.88	----	30.97	----	43.91
TF-17	04/16/14	74.88	----	30.59	----	44.29
TF-17	10/27/14	74.88	----	31.16	----	43.72
TF-17	Well decommissioned in December 2014 prior to remedial excavation					
TF-17R/EP-72	04/16/18	77.63	36.22	37.29	1.07	NC
TF-17R/EP-72	11/05/18	77.63	36.78	39.04	2.26	NC

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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	-----	31.16	-----	46.47
TF-17R/EP-72	05/05/20	77.63	-----	35.85	-----	41.78
TF-17R/EP-72	10/19/20	77.63	-----	36.21	-----	41.42
TF-17R/EP-72	05/04/21	77.63	-----	36.59	-----	41.04
TF-17R/EP-72	05/04/21	77.63	-----	36.59	-----	41.04
TF-17R/EP-72	11/03/21	77.63	-----	37.59	-----	40.04
TF-17R/EP-72	05/11/22	77.63	-----	37.19	-----	40.44
TF-17R/EP-72	11/01/22	77.63	-----	38.06	-----	39.57
TF-17R/EP-72	05/03/23	77.63	-----	36.60	-----	41.03
TF-17R/EP-72	11/08/23	77.63	-----	36.01	-----	41.62
TF-18	05/25/99	73.94	24.22	25.83	1.61	NC
TF-18	05/15/00	73.94	25.13	26.22	1.09	NC
TF-18	05/07/01	73.94	-----	25.30	-----	48.64
TF-18	04/08/02	73.94	27.10	27.42	0.32	NC
TF-18	09/19/02	73.94	25.80	26.89	1.09	NC
TF-18	10/21/02	73.94	27.92	27.94	0.02	NC
TF-18	04/22/03	73.94	-----	28.11	-----	45.83
TF-18	10/06/03	73.94	25.09	25.28	0.19	NC
TF-18	04/19/04	73.94	-----	26.00	-----	47.94
TF-18	11/01/04	73.94	26.25	27.76	1.51	NC
TF-18	02/28/05	73.94	-----	22.27	-----	51.67
TF-18	05/02/05	73.94	20.45	20.67	0.22	NC
TF-18	03/06/06	73.94	22.62	22.67	0.05	NC
TF-18	05/01/06	73.94	22.57	22.59	0.02	NC
TF-18	08/26/06	73.94	23.14	23.29	0.15	NC
TF-18	12/01/06	73.94	-----	23.97	-----	49.97
TF-18	03/21/07	73.94	23.91	24.02	0.11	NC
TF-18	04/30/07	73.94	24.30	24.35	0.05	NC
TF-18	11/09/07	73.94	-----	24.85	-----	49.09
TF-18	02/05/08	73.94	-----	25.49	-----	48.45
TF-18	07/24/08	73.94	-----	24.97	-----	48.97
TF-18	10/14/08	73.94	-----	25.62	-----	48.32
TF-18	02/10/09	73.94	-----	25.88	-----	48.06
TF-18	07/16/09	73.94	-----	26.42	-----	47.52
TF-18	04/08/10	73.94	25.70	25.73	0.03	NC
TF-18	10/01/10	73.94	-----	26.35	-----	47.59
TF-18	01/08/11	73.94	26.65	26.86	0.21	NC
TF-18	04/07/11	73.94	24.95	25.11	0.16	NC
TF-18	07/08/11	73.94	25.30	25.40	0.10	NC
TF-18	10/06/11	73.94	25.95	25.97	0.02	NC
TF-18	04/12/12	73.94	-----	27.30	-----	46.64
TF-18	01/10/13	73.94	27.85	30.25	2.40	NC

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TF-18	04/03/13	73.94	28.04	28.80	0.76	NC
TF-18	10/02/13	73.94	28.68	29.47	0.79	NC
TF-18	04/09/14	73.94	29.37	30.90	1.53	NC
TF-18	04/16/14	73.94	29.38	31.15	1.77	NC
TF-18	10/27/14	73.94	29.48	30.91	1.43	NC
TF-18	04/20/15	73.94	29.36	30.11	0.75	NC
TF-18	10/20/15	73.94	30.41	33.06	2.65	NC
TF-18	04/11/16	73.94	31.12	34.08	2.96	NC
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	73.94	31.42	33.12	1.70	NC
TF-18	04/16/18	73.94	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	-----	42.81
TF-18	10/19/20	74.16	-----	31.37	-----	42.79
TF-18	05/04/21	74.16	-----	32.82	-----	41.34
TF-18	11/03/21	74.16	-----	33.02	-----	41.14
TF-18	05/11/22	74.16	-----	32.21	-----	41.95
TF-18	11/02/22	74.16	-----	33.31	-----	40.85
TF-18	05/03/23	74.16	-----	31.28	-----	42.88
TF-18	11/07/23	74.16	-----	31.48	-----	42.68
TF-19	11/20/96	75.61	-----	29.06	-----	46.55
TF-19	07/01/97	75.61	29.20	29.30	0.10	NC
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	NC
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

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TF-19	03/21/07	75.61	----	25.96	----	49.65
TF-19	04/30/07	75.61	----	26.07	----	49.54
TF-19	08/28/07	75.61	----	26.21	----	49.40
TF-19	11/12/07	75.61	----	26.66	----	48.95
TF-19	02/05/08	75.61	----	27.15	----	48.46
TF-19	04/14/08	75.61	----	26.12	----	49.49
TF-19	07/24/08	75.61	----	26.95	----	48.66
TF-19	10/14/08	75.61	----	27.40	----	48.21
TF-19	02/10/09	75.61	----	27.70	----	47.91
TF-19	07/16/09	75.61	----	27.69	----	47.92
TF-19	04/08/10	75.61	----	27.48	----	48.13
TF-19	10/01/10	75.07	----	28.11	----	46.96
TF-19	01/08/11	75.07	----	27.66	----	47.41
TF-19	04/07/11	75.07	----	25.96	----	49.11
TF-19	07/08/11	75.07	----	26.37	----	48.70
TF-19	10/06/11	75.07	----	27.00	----	48.07
TF-19	04/12/12	75.07	----	28.08	----	46.99
TF-19	01/10/13	75.07	----	29.38	----	45.69
TF-19	04/03/13	75.07	----	29.45	----	45.62
TF-19	10/02/13	75.07	----	30.14	----	44.93
TF-19	04/09/14	75.07	----	30.68	----	44.39
TF-19	04/16/14	75.07	30.75	30.76	0.01	NC
TF-19	10/27/14	75.07	30.72	31.46	0.74	NC
TF-19	04/20/15	75.07	30.77	33.03	2.26	NC
TF-19	10/20/15	75.07	32.45	32.46	0.01	NC
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	75.07	----	32.63	----	42.44
TF-19	11/02/20	75.07	----	32.41	----	42.66
TF-19	05/04/21	75.07	----	33.33	----	41.74
TF-19	11/03/21	75.07	----	34.39	----	40.68
TF-19	05/11/22	75.07	----	33.74	----	41.33
TF-19	11/02/22	75.07	----	34.57	----	40.50
TF-19	05/03/23	75.07	----	33.04	----	42.03
TF-19	11/08/23	75.07	----	32.20	----	42.87
TF-20	11/20/96	75.59	----	29.02	----	46.57

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
TF-20	05/01/06	75.59	24.67	27.70	3.03	NC
TF-20	08/26/06	75.59	25.05	28.68	3.63	NC
TF-20	12/01/06	75.59	25.48	29.67	4.19	NC
TF-20	03/21/07	75.59	25.42	25.49	0.07	NC
TF-20	04/30/07	75.59	----	25.84	----	49.75
TF-20	11/09/07	75.59	26.45	29.02	2.57	NC
TF-20	02/05/08	75.08	27.47	28.65	1.18	NC
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	NC
TF-20	07/17/09	75.08	----	28.02	----	47.06
TF-20	04/08/10	75.08	----	27.59	----	47.49
TF-20	10/01/10	75.08	----	28.47	----	46.61
TF-20	01/08/11	75.08	----	28.73	----	46.35
TF-20	04/08/11	75.08	----	26.90	----	48.18
TF-20	07/08/11	75.08	----	27.45	----	47.63
TF-20	10/06/11	75.08	----	28.05	----	47.03
TF-20	04/12/12	75.08	----	28.88	----	46.20
TF-20	01/11/13	75.08	30.38	30.43	0.05	NC
TF-20	04/03/13	75.08	30.30	30.32	0.02	NC
TF-20	10/02/13	75.08	30.93	30.95	0.02	NC
TF-20	04/09/14	75.08	----	31.47	----	43.61
TF-20	04/16/14	75.08	31.32	31.35	0.03	NC
TF-20	10/27/14	75.08	31.76	31.79	0.03	NC
TF-20	Well decommissioned in December 2014 prior to remedial excavation					
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	10/19/20	75.26	----	33.87	----	41.39
TF-20R	05/04/21	75.26	----	34.87	----	40.39
TF-20R	11/02/21	75.26	----	35.03	----	40.23
TF-20R	05/09/22	75.26	----	35.05	----	40.21
TF-20R	10/31/22	75.26	----	35.97	----	39.29
TF-20R	05/02/23	75.26	----	34.29	----	40.97
TF-20R	11/08/23	75.26	----	33.40	----	41.86
TF-21	11/20/96	75.60	29.83	29.91	0.08	NC
TF-21	07/01/97	75.60	30.80	31.10	0.30	NC
TF-21	12/31/97	75.60	----	28.35	----	47.25
TF-21	05/01/98	75.60	----	25.56	----	50.04
TF-21	05/25/99	75.60	26.49	26.58	0.09	NC
TF-21	05/15/00	75.60	28.68	29.04	0.36	NC
TF-21	05/07/01	75.60	----	29.81	----	45.79
TF-21	04/08/02	74.96	----	28.50	----	46.46
TF-21	09/19/02	75.60	----	28.63	----	46.97
TF-21	10/21/02	75.60	----	30.16	----	45.44
TF-21	04/22/03	74.96	----	27.62	----	47.34
TF-21	10/06/03	74.96	----	26.55	----	48.41
TF-21	04/19/04	74.96	----	27.28	----	47.68
TF-21	11/01/04	75.60	----	27.88	----	47.72
TF-21	02/28/05	75.60	----	23.76	----	51.84
TF-21	05/02/05	75.60	----	22.00	----	53.60
TF-21	03/06/06	75.60	----	24.06	----	51.54
TF-21	05/01/06	75.60	----	24.09	----	51.51
TF-21	08/26/06	75.60	----	24.76	----	50.84
TF-21	12/01/06	75.60	----	25.22	----	50.38
TF-21	03/21/07	75.60	----	25.51	----	50.09
TF-21	04/30/07	75.60	----	25.72	----	49.88
TF-21	08/28/07	75.60	----	26.17	----	49.43
TF-21	11/12/07	74.76	----	26.35	----	48.41
TF-21	02/05/08	75.60	----	27.25	----	48.35
TF-21	04/14/08	75.60	----	25.93	----	49.67
TF-21	07/24/08	74.96	----	26.51	----	48.45
TF-21	10/13/08	74.96	----	27.10	----	47.86
TF-21	02/10/09	75.60	----	26.72	----	48.88
TF-21	04/20/09	74.96	----	21.85	----	53.11
TF-21	07/17/09	75.60	----	27.31	----	48.29
TF-21	10/19/09	74.96	----	29.84	----	45.12
TF-21	04/08/10	75.60	----	27.30	----	48.30

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
TF-21	04/12/10	74.96	----	27.00	----	47.96
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	10/03/16	74.96	----	36.31	----	38.65
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	10/28/19	77.91	----	37.23	----	40.68
TF-21	10/19/20	77.91	----	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-21	05/10/22	77.91	----	37.20	----	40.71
TF-21	11/02/22	77.91	----	38.78	----	39.13
TF-21	05/02/23	77.91	----	35.13	----	42.78
TF-21	11/08/23	77.91	----	35.78	----	42.13
TF-22	11/20/96	74.95	30.56	31.98	1.42	NC
TF-22	07/01/97	74.95	30.70	31.00	0.30	NC
TF-22	12/31/97	74.95	28.01	28.90	0.89	NC
TF-22	05/01/98	74.95	23.57	25.24	1.67	NC
TF-22	05/25/99	74.95	26.02	26.44	0.42	NC
TF-22	05/15/00	74.95	32.65	32.96	0.31	NC
TF-22	05/07/01	74.95	32.70	33.01	0.31	NC
TF-22	04/08/02	74.76	32.80	32.98	0.18	NC
TF-22	09/19/02	74.95	----	27.63	----	47.32
TF-22	10/21/02	74.95	31.42	32.60	1.18	NC
TF-22	04/22/03	74.76	----	27.60	----	47.16
TF-22	10/06/03	74.76	----	26.37	----	48.39
TF-22	04/19/04	74.95	27.30	27.32	0.02	NC

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 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
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	NC
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	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

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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)	
TF-23	07/24/08	75.31	----	26.45	----	48.86	
TF-23	10/13/08	75.31	----	27.15	----	48.16	
TF-23	02/10/09	75.31	----	26.46	----	48.85	
TF-23	07/17/09	75.31	----	26.93	----	48.38	
TF-23	04/08/10	75.31	----	27.20	----	48.11	
TF-23	10/01/10	75.31	----	27.67	----	47.64	
TF-23	01/08/11	75.31	----	27.88	----	47.43	
TF-23	04/08/11	75.31	----	26.43	----	48.88	
TF-23	07/08/11	75.31	----	26.76	----	48.55	
TF-23	10/06/11	75.31	----	27.34	----	47.97	
TF-23	04/12/12	75.31	28.38	28.41	0.03	NC	
TF-23	01/11/13	75.31	----	29.67	----	45.64	
TF-23	04/03/13	75.31	29.60	29.70	0.10	NC	
TF-23	10/02/13	75.31	30.34	30.56	0.22	NC	
TF-23	04/09/14	75.31	30.92	31.16	0.24	NC	
TF-23	04/16/14	75.31	30.90	31.08	0.18	NC	
TF-23	10/27/14	75.31	31.15	31.16	0.01	NC	
TF-23	04/20/15	75.31	31.51	31.54	0.03	NC	
TF-23	04/11/16	75.31	32.84	33.11	0.27	NC	
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	11/05/18	75.31	inaccessible; buried				
TF-23	04/22/19	75.31	----	33.04	----	42.27	
TF-23	10/29/19	75.31	33.93	33.97	0.04	NC	
TF-23	05/05/20	75.31	----	33.01	----	42.30	
TF-23	10/19/20	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-23	05/11/22	75.31	----	35.05	----	40.26	
TF-23	11/01/22	75.31	----	35.63	----	39.68	
TF-23	05/03/23	75.31	----	34.52	----	40.79	
TF-23	11/08/23	75.31	----	8.74	----	66.57	
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	NC	
TF-24	05/15/00	76.36	27.82	29.42	1.60	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	NC	
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	NC	

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
TF-24	11/12/07	76.43	----	28.03	----	48.40
TF-24	04/11/08	76.43	----	27.80	----	48.63
TF-24	07/24/08	76.43	----	28.10	----	48.33
TF-24	10/13/08	76.43	----	28.90	----	47.53
TF-24	02/09/09	76.43	----	29.90	----	46.53
TF-24	07/16/09	76.43	----	29.11	----	47.32
TF-24	04/07/10	76.43	----	29.20	----	47.23
TF-24	10/01/10	76.43	----	29.45	----	46.98
TF-24	01/08/11	76.43	----	29.45	----	46.98
TF-24	04/08/11	76.43	----	28.23	----	48.20
TF-24	07/07/11	76.43	----	28.47	----	47.96
TF-24	10/07/11	76.43	----	28.98	----	47.45
TF-24	04/12/12	76.43	----	29.98	----	46.45
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	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	10/19/20	76.43	----	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
TF-24	05/10/22	76.43	----	37.93	----	38.50
TF-24	11/01/22	76.43	----	37.77	----	38.66
TF-24	05/01/23	76.43	----	37.52	----	38.91
TF-24	11/06/23	76.43	----	37.18	----	39.25
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

APPENDIX C
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 Defense Fuel Support Point Norwalk
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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
TF-25	10/06/03	74.85	----	27.54	----	47.31
TF-25	04/19/04	74.85	----	28.96	----	45.89
TF-25	11/01/04	74.85	----	28.15	----	46.70
TF-25	02/28/05	74.85	----	24.44	----	50.41
TF-25	05/02/05	74.85	----	23.72	----	51.13
TF-25	03/06/06	74.85	----	24.81	----	50.04
TF-25	05/01/06	74.85	----	25.10	----	49.75
TF-25	08/26/06	74.85	----	25.48	----	49.37
TF-25	12/01/06	74.85	----	25.79	----	49.06
TF-25	03/21/07	74.85	----	26.00	----	48.85
TF-25	04/30/07	74.85	----	26.34	----	48.51
TF-25	08/28/07	74.85	----	26.89	----	47.96
TF-25	11/12/07	74.85	----	26.13	----	48.72
TF-25	02/05/08	74.85	----	27.71	----	47.14
TF-25	04/11/08	74.85	----	26.61	----	48.24
TF-25	07/24/08	74.85	----	26.95	----	47.90
TF-25	10/14/08	74.85	----	27.62	----	47.23
TF-25	02/10/09	74.85	----	27.62	----	47.23
TF-25	07/16/09	74.85	----	28.88	----	45.97
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

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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	75.85	----	28.87	----	46.98
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	NC
TF-26	04/09/14	75.85	31.48	32.58	1.10	NC
TFR-9	04/16/18	NS	35.94	38.43	2.49	NC
TFR-9	11/05/18	NS	36.20	38.40	2.20	NC
TFR-9	04/15/19	NS	----	35.61	----	NC
TFR-9	10/30/19	NS	36.36	36.64	0.28	NC
TFR-9	05/05/20	77.06	----	35.29	----	41.77
TFR-9	10/19/20	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-9	05/11/22	77.06	----	36.55	----	40.51
TFR-9	11/02/22	77.06	----	36.96	----	40.10
TFR-9	05/03/23	77.06	----	35.63	----	41.43
TFR-9	11/07/23	77.06	----	34.98	----	42.08
TFR-12	04/16/18	NS	35.57	38.23	2.66	NC
TFR-12	11/05/18	NS	35.66	39.21	3.55	NC
TFR-12	04/15/19	NS	35.51	35.52	0.01	NC
TFR-12	10/30/19	NS	35.78	37.03	1.25	NC
TFR-12	05/05/20	76.81	----	35.47	----	41.34
TFR-12	10/19/20	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-12	05/11/22	76.81	----	36.93	----	39.88
TFR-12	11/02/22	76.81	----	37.28	----	39.53
TFR-12	05/03/23	76.81	----	35.97	----	40.84

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
TFR-12	11/07/23	76.81	----	35.43	----	41.38
TFR-14	04/16/18	NS	36.18	36.80	0.62	NC
TFR-14	11/05/18	NS	36.80	37.29	0.49	NC
TFR-14	04/15/19	NS	35.98	36.06	0.08	NC
TFR-14	10/30/19	NS	36.44	36.47	0.03	NC
TFR-14	05/05/20	77.34	----	34.99	----	42.35
TFR-14	10/19/20	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-14	05/11/22	77.34	----	36.97	----	40.37
TFR-14	11/02/22	77.34	----	37.70	----	39.64
TFR-14	05/03/23	77.34	----	36.12	----	41.22
TFR-14	11/07/23	77.34	----	35.55	----	41.79
TFR-15	04/16/18	NS	35.88	36.55	0.67	NC
TFR-15	11/05/18	NS	36.10	38.00	1.90	NC
TFR-15	04/15/19	NS	35.34	35.80	0.46	NC
TFR-15	10/30/19	NS	35.97	35.99	0.02	NC
TFR-15	05/05/20	76.89	----	35.72	----	41.17
TFR-15	10/19/20	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-15	05/11/22	76.89	----	35.40	----	41.49
TFR-15	11/02/22	76.89	----	37.32	----	39.57
TFR-15	05/03/23	76.89	----	35.92	----	40.97
TFR-15	11/07/23	76.89	----	35.37	----	41.52
TFR-18	04/16/18	NS	33.82	34.61	0.79	NC
TFR-18	11/05/18	NS	34.59	35.50	0.91	NC
TFR-18	04/15/19	NS	33.72	33.75	0.03	NC
TFR-18	10/30/19	NS	34.00	34.90	0.90	NC
TFR-18	05/05/20	75.18	----	33.82	----	41.36
TFR-18	10/19/20	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-18	05/11/22	75.18	----	35.30	----	39.88
TFR-18	11/02/22	75.18	----	35.61	----	39.57
TFR-18	05/03/23	75.18	----	34.20	----	40.98
TFR-18	11/07/23	75.18	----	33.63	----	41.55
TFR-22	04/16/18	NS	32.60	37.85	5.25	NC
TFR-22	11/05/18	NS	33.51	36.59	3.08	NC
TFR-22	04/15/19	NS	33.09	33.52	0.43	NC

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TFR-22	10/30/19	NS	33.45	34.18	0.73	NC
TFR-22	05/05/20	74.65	33.38	33.94	0.56	NC
TFR-22	10/20/20	74.65	34.50	35.54	1.04	NC
TFR-22	05/06/21	74.65	33.21	36.93	3.72	NC
TFR-22	11/03/21	74.65	34.28	35.31	1.03	NC
TFR-22	05/11/22	74.65	33.73	36.48	2.75	NC
TFR-22	11/02/22	74.65	35.05	35.68	0.63	NC
TFR-22	05/09/23	74.65	34.75	34.79	0.04	NC
TFR-22	11/07/23	74.65	-----	33.38	-----	41.27
TFR-24	04/16/18	NS	33.86	36.64	2.78	NC
TFR-24	11/05/18	NS	33.30	36.75	3.45	NC
TFR-24	04/15/19	NS	32.84	32.98	0.14	NC
TFR-24	10/30/19	NS	33.05	34.41	1.36	NC
TFR-24	05/05/20	74.42	33.85	33.87	0.02	NC
TFR-24	10/20/20	74.42	-----	33.61	-----	40.81
TFR-24	05/06/21	74.42	33.87	34.02	0.15	NC
TFR-24	11/03/21	74.42	-----	34.09	-----	40.33
TFR-24	05/11/22	74.42	34.06	34.21	0.15	NC
TFR-24	11/02/22	74.42	-----	34.82	-----	39.60
TFR-24	05/03/23	74.42	-----	33.34	---	41.08
TFR-24	11/07/23	74.42	-----	32.94	-----	41.48
TFR-27	04/16/18	NS	34.08	36.90	2.82	NC
TFR-27	11/05/18	NS	33.49	35.21	1.72	NC
TFR-27	04/15/19	NS	33.80	34.06	0.26	NC
TFR-27	10/30/19	NS	34.10	34.50	0.40	NC
TFR-27	05/05/20	74.65	-----	33.83	-----	40.82
TFR-27	10/19/20	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-27	05/11/22	74.65	-----	34.48	-----	40.17
TFR-27	11/02/22	74.65	-----	35.84	-----	38.81
TFR-27	05/04/23	74.65	-----	34.82	-----	39.83
TFR-27	11/07/23	74.65	-----	33.98	-----	40.67
TFR-29	04/16/18	NS	32.26	39.68	7.42	NC
TFR-29	11/05/18	NS	33.15	37.95	4.80	NC
TFR-29	04/15/19	NS	32.70	34.75	2.05	NC
TFR-29	10/30/19	NS	32.83	36.13	3.30	NC
TFR-29	05/05/20	74.69	32.59	36.52	3.93	NC
TFR-29	10/20/20	74.69	32.16	32.17	0.01	NC
TFR-29	05/03/21	74.69	32.94	35.97	3.03	NC
TFR-29	11/03/21	74.69	-----	34.85	-----	39.84

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Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
TFR-29	05/11/22	74.69	33.52	35.49	1.97	NC
TFR-29	11/02/22	74.69	----	34.85	----	39.84
TFR-29	05/04/23	74.69	----	33.05	----	41.64
TFR-29	11/07/23	74.69	----	31.68	----	43.01
TFR-33	04/16/18	NS	34.40	37.12	2.72	NC
TFR-33	11/05/18	NS	34.20	37.10	2.90	NC
TFR-33	04/15/19	NS	33.28	33.80	0.52	NC
TFR-33	10/30/19	NS	33.89	34.01	0.12	NC
TFR-33	05/05/20	75.12	----	33.88	----	41.24
TFR-33	10/20/20	75.12	----	33.61	----	41.51
TFR-33	05/06/21	75.12	----	DRY	----	----
TFR-33	11/03/21	75.12	----	34.78	----	40.34
TFR-33	05/11/22	75.12	----	33.82	----	41.30
TFR-33	11/02/22	75.12	----	34.28	----	40.84
TFR-33	05/04/23	75.12	----	33.80	----	41.32
TFR-33	11/07/23	75.12	----	32.54	----	42.58
VEW-1	10/19/15	NS	----	DRY (29.02)	----	----
VEW-1	04/11/16	NS	----	DRY	----	----
VEW-1	10/03/16	NS	----	DRY (12.35)	----	----
VEW-1	04/17/17	NS	----	DRY	----	----
VEW-1	10/02/17	NS	----	DRY (12.44)	----	----
VEW-1	04/16/18	NS	----	DRY	----	----
VEW-1	11/05/18	NS	----	DRY (12.35)	----	----
VEW-1	10/28/19	NS	----	DRY (12.39)	----	----
VEW-1	05/04/20	NS	----	DRY	----	----
VEW-1	11/02/20	NS	----	DRY (12.34)	----	----
VEW-1	05/03/21	----	----	DRY	----	----
VEW-1	11/01/21	NS	----	DRY (12.36)	----	----
VEW-1	05/09/22	NS	----	DRY (12.32)	----	----
VEW-1	10/31/22	NS	----	DRY (12.44)	----	----
VEW-1	05/01/23	----	----	DRY	----	----
VEW-1	11/06/23	NS	----	DRY (12.40)	----	----
VEW-2	10/19/15	NS	----	DRY (29.71)	----	----
VEW-2	04/11/16	NS	----	DRY	----	----
VEW-2	10/03/16	NS	----	DRY (29.70)	----	----
VEW-2	04/17/17	NS	----	DRY	----	----
VEW-2	10/02/17	NS	----	DRY (26.60)	----	----
VEW-2	04/16/18	NS	----	DRY	----	----
VEW-2	11/05/18	NS	----	DRY (26.31)	----	----
VEW-2	10/28/19	NS	----	DRY (28.76)	----	----
VEW-2	05/04/20	NS	----	DRY	----	----

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VEW-2	11/02/20	NS	----	DRY (28.60)	----	----
VEW-2	05/03/21	----	----	DRY	----	----
VEW-2	11/01/21	NS	----	DRY (28.65)	----	----
VEW-2	05/09/22	NS	----	DRY (28.66)	----	----
VEW-2	10/31/22	NS	----	DRY (28.69)	----	----
VEW-2	05/01/23	NS	----	DRY	----	----
VEW-2	11/06/23	NS	----	DRY (28.69)	----	----
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	77.70	----	30.02	----	47.68
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	77.26	----	30.36	----	46.90
VS-01	10/06/03	NS	----	26.30	----	NC
VS-01	04/19/04	NS	----	26.88	----	NC
VS-01	05/01/06	NS	----	24.01	----	NC
VS-01	05/01/06	NS	----	23.95	----	NC
VS-01	12/01/06	NS	----	24.92	----	NC
VS-01	12/01/06	NS	----	24.81	----	NC
VS-01	11/12/07	NS	----	24.92	----	NC
VS-01	11/12/07	NS	----	24.81	----	NC
VS-01	04/14/08	NS	----	25.48	----	NC
VS-01	04/14/08	NS	----	25.18	----	NC
VS-01	10/14/08	NS	----	26.87	----	NC
VS-01	10/14/08	NS	----	26.69	----	NC
VS-02	10/06/03	NS	----	25.63	----	NC
VS-02	04/19/04	NS	----	25.08	----	NC
VS-02	04/27/07	NS	----	25.50	----	NC
VS-03	10/06/03	NS	----	27.04	----	NC

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VS-03	04/19/04	NS	----	28.25	----	NC
VS-03	05/01/06	NS	----	24.36	----	NC
VS-03	05/01/06	NS	----	24.21	----	NC
VS-03	12/01/06	NS	----	25.21	----	NC
VS-03	12/01/06	NS	----	25.18	----	NC
VS-03	04/27/07	NS	----	25.51	----	NC
VS-03	04/30/07	NS	----	25.51	----	NC
VS-03	11/12/07	NS	----	26.33	----	NC
VS-03	11/12/07	NS	----	26.01	----	NC
VS-03	04/11/08	NS	----	25.90	----	NC
VS-03	04/11/08	NS	----	25.56	----	NC
VS-03	10/14/08	NS	----	26.85	----	NC
VS-03	10/14/08	NS	----	26.60	----	NC
VS-03	04/08/10	NS	----	27.10	----	NC
VS-03	04/08/10	NS	----	26.48	----	NC
WCW-1	05/28/96	72.86	----	25.95	----	46.91
WCW-1	11/20/96	72.86	----	26.13	----	46.73
WCW-1	07/01/97	72.86	----	26.77	----	46.09
WCW-1	12/31/97	72.86	----	26.09	----	46.77
WCW-1	05/01/98	72.86	----	24.21	----	48.65
WCW-1	02/02/99	72.86	----	23.24	----	49.62
WCW-1	05/04/99	72.86	----	23.78	----	49.08
WCW-1	08/09/99	72.86	----	24.15	----	48.71
WCW-1	11/15/99	72.86	----	24.27	----	48.59
WCW-1	02/28/00	72.86	----	24.31	----	48.55
WCW-1	05/15/00	72.86	----	27.79	----	45.07
WCW-1	08/28/00	72.86	----	24.68	----	48.18
WCW-1	11/13/00	72.86	----	24.66	----	48.20
WCW-1	02/05/01	72.86	----	24.60	----	48.26
WCW-1	05/07/01	72.86	----	23.99	----	48.87
WCW-1	09/18/01	72.86	----	23.68	----	49.18
WCW-1	01/29/02	72.86	----	23.85	----	49.01
WCW-1	04/08/02	72.86	----	24.13	----	48.73
WCW-1	10/21/02	72.86	----	24.65	----	48.21
WCW-1	04/07/03	72.86	----	24.65	----	48.21
WCW-1	10/06/03	72.86	----	24.49	----	48.37
WCW-1	04/19/04	72.86	----	24.98	----	47.88
WCW-1	05/10/04	72.86	----	24.93	----	47.93
WCW-1	11/01/04	72.86	----	25.26	----	47.60
WCW-1	05/02/05	72.86	----	22.57	----	50.29
WCW-1	05/01/06	72.86	----	22.13	----	50.73
WCW-1	12/01/06	72.86	----	22.91	----	49.95
WCW-1	04/30/07	72.86	----	22.20	----	50.66

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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-1	05/09/22	72.86	----	33.10	----	39.76
WCW-1	10/31/22	72.86	----	32.48	----	40.38
WCW-1	05/01/23	72.86	----	32.89	----	39.97
WCW-1	11/06/23	72.86	----	33.35	----	39.51
WCW-2	05/28/96	75.34	----	35.28	----	40.06
WCW-2	11/20/96	75.34	----	29.34	----	46.00
WCW-2	07/01/97	75.34	----	29.82	----	45.52
WCW-2	12/31/97	75.34	----	29.45	----	45.89
WCW-2	05/01/98	75.34	----	26.80	----	48.54
WCW-2	02/02/99	75.34	----	26.40	----	48.94
WCW-2	05/03/99	75.34	----	26.94	----	48.40
WCW-2	08/09/99	75.34	----	27.21	----	48.13

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	04/08/13	75.34	----	29.11	----	46.23
WCW-2	10/07/13	75.34	----	30.25	----	45.09
WCW-2	04/14/14	75.34	----	31.71	----	43.63
WCW-2	10/27/14	75.34	----	31.42	----	43.92
WCW-2	04/20/15	75.34	----	32.84	----	42.50
WCW-2	10/19/15	75.34	----	32.52	----	42.82
WCW-2	04/11/16	75.34	----	33.05	----	42.29
WCW-2	10/03/16	75.34	----	33.60	----	41.74
WCW-2	04/17/17	75.34	----	33.62	----	41.72
WCW-2	10/02/17	75.34	----	33.94	----	41.40

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-2	05/09/22	75.34	----	35.94	----	39.40
WCW-2	10/31/22	75.34	----	36.12	----	39.22
WCW-2	05/01/23	75.34	----	35.90	----	39.44
WCW-2	11/06/23	75.34	----	34.86	----	40.48
WCW-3	05/28/96	76.16	----	30.40	----	45.76
WCW-3	11/20/96	76.16	----	30.48	----	45.68
WCW-3	07/01/97	76.16	----	31.00	----	45.16
WCW-3	12/31/97	76.16	----	30.61	----	45.55
WCW-3	05/01/98	76.16	----	29.00	----	47.16
WCW-3	02/02/99	76.16	----	27.82	----	48.34
WCW-3	05/03/99	76.16	----	28.33	----	47.83
WCW-3	08/09/99	76.16	----	28.56	----	47.60
WCW-3	11/15/99	76.16	----	28.83	----	47.33
WCW-3	02/28/00	76.16	----	28.58	----	47.58
WCW-3	05/15/00	76.16	----	28.56	----	47.60
WCW-3	08/28/00	76.16	----	28.72	----	47.44
WCW-3	11/13/00	76.16	----	28.16	----	48.00
WCW-3	02/05/01	76.16	----	28.70	----	47.46
WCW-3	05/07/01	76.16	----	28.15	----	48.01
WCW-3	09/18/01	76.16	----	27.78	----	48.38
WCW-3	01/29/02	76.16	----	27.99	----	48.17
WCW-3	04/08/02	76.16	----	28.25	----	47.91
WCW-3	07/29/02	76.16	----	28.41	----	47.75
WCW-3	10/21/02	76.16	----	28.50	----	47.66
WCW-3	01/27/03	76.16	----	28.47	----	47.69
WCW-3	04/07/03	76.16	----	28.49	----	47.67
WCW-3	07/30/03	76.16	----	28.29	----	47.87
WCW-3	10/06/03	76.16	----	28.44	----	47.72
WCW-3	01/27/04	76.16	----	28.58	----	47.58
WCW-3	05/10/04	76.16	----	28.34	----	47.82
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
WCW-3	05/01/06	76.16	----	25.95	----	50.21
WCW-3	09/18/06	76.16	----	26.11	----	50.05
WCW-3	12/01/06	76.16	----	26.56	----	49.60
WCW-3	03/12/07	76.16	----	26.52	----	49.64
WCW-3	04/30/07	76.16	----	26.45	----	49.71
WCW-3	08/28/07	76.16	----	27.43	----	48.73
WCW-3	11/12/07	76.16	----	27.21	----	48.95
WCW-3	02/19/08	76.16	----	27.21	----	48.95
WCW-3	04/14/08	76.16	----	27.14	----	49.02
WCW-3	08/11/08	76.16	----	27.59	----	48.57
WCW-3	10/14/08	76.16	----	27.99	----	48.17
WCW-3	04/20/09	76.16	----	28.19	----	47.97
WCW-3	07/20/09	76.16	----	28.48	----	47.68
WCW-3	10/19/09	76.16	----	28.84	----	47.32
WCW-3	01/12/10	76.16	----	30.40	----	45.76
WCW-3	03/15/10	76.16	----	29.44	----	46.72
WCW-3	05/24/10	76.16	----	29.30	----	46.86
WCW-3	05/28/10	76.16	----	29.21	----	46.95
WCW-3	10/04/10	76.16	----	29.26	----	46.90
WCW-3	01/08/11	76.16	----	29.58	----	46.58
WCW-3	01/10/11	76.16	----	29.50	----	46.66
WCW-3	04/11/11	76.16	----	28.84	----	47.32
WCW-3	04/12/11	76.16	----	28.95	----	47.21
WCW-3	07/07/11	76.16	----	28.75	----	47.41
WCW-3	07/11/11	76.16	----	28.57	----	47.59
WCW-3	10/10/11	76.16	----	28.64	----	47.52
WCW-3	01/09/12	76.16	----	29.00	----	47.16
WCW-3	04/16/12	76.16	----	29.35	----	46.81
WCW-3	07/09/12	76.16	----	29.64	----	46.52
WCW-3	10/15/12	76.16	----	29.98	----	46.18
WCW-3	01/14/13	76.16	----	30.32	----	45.84
WCW-3	04/08/13	76.16	----	30.24	----	45.92
WCW-3	10/07/13	76.16	----	31.00	----	45.16
WCW-3	04/14/14	76.16	----	31.81	----	44.35
WCW-3	10/27/14	76.16	----	32.39	----	43.77
WCW-3	04/20/15	76.16	----	32.40	----	43.76
WCW-3	10/19/15	76.16	----	33.38	----	42.78
WCW-3	04/11/16	76.16	----	33.83	----	42.33
WCW-3	10/03/16	76.16	----	34.35	----	41.81
WCW-3	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-3	05/09/22	76.16	----	36.90	----	39.26
WCW-3	10/31/22	76.16	----	37.17	----	38.99
WCW-3	05/01/23	76.16	---	37.29	----	38.87
WCW-3	11/06/23	76.16	----	36.32	----	39.84
WCW-4	05/28/96	78.05	----	32.63	----	45.42
WCW-4	11/20/96	78.05	----	32.61	----	45.44
WCW-4	07/01/97	78.05	----	32.95	----	45.10
WCW-4	12/31/97	78.05	----	32.63	----	45.42
WCW-4	05/01/98	78.05	----	31.10	----	46.95
WCW-4	05/03/99	78.05	----	30.25	----	47.80
WCW-4	08/09/99	78.05	----	30.45	----	47.60
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
WCW-4	10/06/11	78.05	----	30.96	----	47.09
WCW-4	04/16/12	78.05	----	31.17	----	46.88
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	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
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-4	05/09/22	78.05	----	39.11	----	38.94
WCW-4	10/31/22	78.05	----	39.43	----	38.62
WCW-4	05/01/23	78.05	---	39.51	----	38.54
WCW-4	11/06/23	78.05	----	38.80	----	39.25
WCW-5	05/28/96	73.49	----	26.63	----	46.86
WCW-5	11/20/96	73.49	----	26.94	----	46.55
WCW-5	07/01/97	73.49	----	27.65	----	45.84
WCW-5	12/31/97	73.49	----	27.10	----	46.39
WCW-5	05/01/98	73.49	----	25.28	----	48.21
WCW-5	05/04/99	73.49	----	24.80	----	48.69
WCW-5	08/09/99	73.49	----	25.11	----	48.38
WCW-5	11/15/99	73.49	----	25.46	----	48.03
WCW-5	05/15/00	73.49	----	25.14	----	48.35
WCW-5	11/13/00	73.49	----	25.95	----	47.54
WCW-5	05/07/01	73.49	----	24.82	----	48.67
WCW-5	04/08/02	73.49	----	24.85	----	48.64
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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	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-5	05/09/22	73.49	----	33.72	----	39.77
WCW-5	10/31/22	73.49	----	33.74	----	39.75
WCW-5	05/01/23	73.49	----	33.21	----	40.28
WCW-5	11/06/23	73.49	----	32.95	----	40.54
WCW-6	05/28/96	75.52	----	28.91	----	46.61
WCW-6	11/20/96	75.52	----	29.55	----	45.97
WCW-6	07/01/97	75.52	----	30.17	----	45.35
WCW-6	12/31/97	75.52	----	29.46	----	46.06
WCW-6	05/01/98	75.52	----	27.67	----	47.85

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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	04/16/19	75.52	----	34.45	----	41.07

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-6	05/09/22	75.52	----	35.70	----	39.82
WCW-6	10/31/22	75.52	----	35.84	----	39.68
WCW-6	05/01/23	75.52	----	35.48	----	40.04
WCW-6	11/06/23	75.52	----	34.63	----	40.89
WCW-7	05/28/96	76.44	----	28.91	----	47.53
WCW-7	11/20/96	76.44	----	30.55	----	45.89
WCW-7	07/01/97	76.44	----	31.50	----	44.94
WCW-7	12/31/97	76.44	----	30.79	----	45.65
WCW-7	05/01/98	76.44	----	28.81	----	47.63
WCW-7	05/04/99	76.44	----	29.26	----	47.18
WCW-7	08/09/99	76.44	----	29.75	----	46.69
WCW-7	11/15/99	76.44	----	29.86	----	46.58
WCW-7	05/15/00	76.44	----	29.02	----	47.42
WCW-7	11/13/00	76.44	----	29.69	----	46.75
WCW-7	02/05/01	76.44	----	29.10	----	47.34
WCW-7	05/07/01	76.44	----	28.48	----	47.96
WCW-7	09/18/01	76.44	----	28.18	----	48.26
WCW-7	01/29/02	76.44	----	28.64	----	47.80
WCW-7	04/08/02	76.44	----	29.03	----	47.41
WCW-7	07/29/02	76.44	----	28.94	----	47.50
WCW-7	10/21/02	76.44	----	28.93	----	47.51
WCW-7	01/27/03	76.44	----	28.70	----	47.74
WCW-7	04/07/03	76.44	----	28.72	----	47.72
WCW-7	07/31/03	76.44	----	28.67	----	47.77
WCW-7	10/06/03	76.44	----	29.03	----	47.41
WCW-7	01/27/04	76.44	----	28.98	----	47.46
WCW-7	05/10/04	76.44	----	29.46	----	46.98
WCW-7	07/19/04	76.44	----	30.18	----	46.26
WCW-7	11/01/04	76.44	----	29.56	----	46.88
WCW-7	02/01/05	76.44	----	28.76	----	47.68
WCW-7	05/02/05	76.44	----	26.51	----	49.93
WCW-7	08/01/05	76.44	----	25.72	----	50.72
WCW-7	02/27/06	76.44	----	25.09	----	51.35
WCW-7	05/01/06	76.44	----	26.41	----	50.03
WCW-7	09/18/06	76.44	----	26.72	----	49.72
WCW-7	12/01/06	76.44	----	27.13	----	49.31
WCW-7	03/12/07	76.44	----	27.28	----	49.16
WCW-7	04/30/07	76.44	----	26.96	----	49.48

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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
WCW-7	05/03/21	76.44	----	36.66	----	39.78
WCW-7	11/01/21	76.44	----	36.54	----	39.90

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
WCW-7	05/09/22	76.44	obstruction at 36.97 feet			
WCW-7	10/31/22	76.44	obstruction at 36.92 feet			
WCW-7	05/01/23	76.44	----	37.02	----	39.42
WCW-7	11/06/23	76.44	not gauged; obstruction in well			
WCW-8	05/28/96	77.34	----	31.45	----	45.89
WCW-8	11/20/96	77.34	----	31.59	----	45.75
WCW-8	07/01/97	77.34	----	32.38	----	44.96
WCW-8	12/31/97	77.34	----	31.81	----	45.53
WCW-8	05/01/98	77.34	----	30.04	----	47.30
WCW-8	05/04/99	77.34	----	30.21	----	47.13
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
WCW-8	04/08/13	77.34	----	31.62	----	45.72
WCW-8	10/07/13	77.34	----	32.42	----	44.92
WCW-8	04/14/14	77.34	----	33.53	----	43.81
WCW-8	10/27/14	77.34	----	33.75	----	43.59
WCW-8	04/20/15	77.34	----	34.05	----	43.29
WCW-8	10/19/15	77.34	----	34.78	----	42.56
WCW-8	04/11/16	77.34	----	35.17	----	42.17
WCW-8	10/03/16	77.34	----	35.70	----	41.64
WCW-8	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-8	05/09/22	77.34	----	38.03	----	39.31
WCW-8	10/31/22	77.34	----	38.27	----	39.07
WCW-8	05/01/23	77.34	----	38.37	----	38.97
WCW-8	11/06/23	77.34	----	37.53	----	39.81
WCW-9	05/28/96	77.74	----	31.98	----	45.76
WCW-9	11/20/96	77.74	----	32.13	----	45.61
WCW-9	07/01/97	77.74	----	32.47	----	45.27
WCW-9	12/31/97	77.74	----	32.22	----	45.52
WCW-9	05/01/98	77.74	----	30.75	----	46.99
WCW-9	05/04/99	77.74	----	30.16	----	47.58
WCW-9	08/09/99	77.74	----	30.44	----	47.30
WCW-9	11/15/99	77.74	----	30.79	----	46.95
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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	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	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-9	05/09/22	77.74	----	38.02	----	39.72
WCW-9	10/31/22	77.74	----	37.61	----	40.13
WCW-9	05/01/23	77.74	----	37.85	----	39.89
WCW-9	11/06/23	77.74	----	37.94	----	39.80
WCW-10	05/28/96	74.06	----	27.71	----	46.35

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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
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	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	----	28.45	----	45.61
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	04/17/17	74.06	----	32.13	----	41.93

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-10	05/09/22	74.06	----	35.36	----	38.70
WCW-10	10/31/22	74.06	----	35.62	----	38.44
WCW-10	05/01/23	74.06	----	33.82	----	40.24
WCW-10	11/06/23	74.06	----	33.63	----	40.43
WCW-11	05/28/96	75.29	----	29.30	----	45.99
WCW-11	11/20/96	75.29	----	29.24	----	46.05
WCW-11	07/01/97	75.29	----	28.91	----	46.38
WCW-11	12/31/97	75.29	----	29.14	----	46.15
WCW-11	05/01/98	75.29	----	26.04	----	49.25
WCW-11	05/04/99	75.29	----	26.63	----	48.66
WCW-11	08/09/99	75.29	----	26.30	----	48.99
WCW-11	11/15/99	75.29	----	26.55	----	48.74
WCW-11	05/15/00	75.29	----	26.91	----	48.38
WCW-11	11/13/00	75.29	----	26.77	----	48.52
WCW-11	05/07/01	75.29	----	26.65	----	48.64
WCW-11	04/08/02	75.29	----	26.45	----	48.84
WCW-11	10/21/02	75.29	----	26.72	----	48.57
WCW-11	04/07/03	75.29	----	26.78	----	48.51
WCW-11	05/10/04	75.29	----	26.89	----	48.40
WCW-11	11/01/04	75.29	----	27.22	----	48.07
WCW-11	05/02/05	75.29	----	25.23	----	50.06
WCW-11	05/01/06	75.29	----	24.45	----	50.84
WCW-11	04/30/07	75.29	----	25.18	----	50.11
WCW-11	11/12/07	75.29	----	25.97	----	49.32
WCW-11	10/16/08	75.29	----	26.61	----	48.68
WCW-11	04/20/09	75.29	----	26.62	----	48.67
WCW-11	01/12/10	75.29	----	27.83	----	47.46
WCW-11	05/24/10	75.29	----	27.77	----	47.52
WCW-11	05/28/10	75.29	----	27.46	----	47.83
WCW-11	10/01/10	75.29	----	27.65	----	47.64

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	NC
WCW-11	10/06/11	75.29	----	27.11	----	48.18
WCW-11	04/16/12	75.29	----	27.56	----	47.73
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	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-11	05/09/22	75.29	----	36.73	----	38.56
WCW-11	10/31/22	75.29	----	37.20	----	38.09
WCW-11	05/01/23	75.29	----	35.80	----	39.49
WCW-11	11/06/23	75.29	----	35.82	----	39.47
WCW-12	05/28/96	76.27	----	37.07	----	39.20
WCW-12	11/20/96	76.27	----	30.89	----	45.38
WCW-12	07/01/97	76.27	----	30.34	----	45.93
WCW-12	12/31/97	76.27	----	30.59	----	45.68
WCW-12	05/01/98	76.27	----	29.31	----	46.96
WCW-12	05/04/99	76.27	----	27.63	----	48.64
WCW-12	08/09/99	76.27	----	27.81	----	48.46
WCW-12	11/15/99	76.27	----	28.20	----	48.07
WCW-12	05/15/00	76.27	----	28.17	----	48.10
WCW-12	11/13/00	76.27	----	28.21	----	48.06
WCW-12	05/07/01	76.27	----	27.79	----	48.48

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
WCW-12	04/08/02	76.27	----	27.70	----	48.57
WCW-12	10/21/02	76.27	----	28.24	----	48.03
WCW-12	04/07/03	76.27	----	28.23	----	48.04
WCW-12	05/10/04	76.27	----	28.34	----	47.93
WCW-12	11/01/04	76.27	----	28.74	----	47.53
WCW-12	05/02/05	76.27	----	26.61	----	49.66
WCW-12	05/01/06	76.27	----	25.95	----	50.32
WCW-12	12/01/06	76.27	----	26.39	----	49.88
WCW-12	04/30/07	76.27	----	26.39	----	49.88
WCW-12	11/12/07	76.27	----	27.15	----	49.12
WCW-12	04/14/08	76.27	----	27.14	----	49.13
WCW-12	10/16/08	76.27	----	27.93	----	48.34
WCW-12	04/20/09	76.27	----	27.82	----	48.45
WCW-12	10/19/09	76.27	----	28.52	----	47.75
WCW-12	01/12/10	76.27	----	29.04	----	47.23
WCW-12	05/24/10	76.27	----	28.90	----	47.37
WCW-12	05/28/10	76.27	----	28.90	----	47.37
WCW-12	01/08/11	76.27	----	29.16	----	47.11
WCW-12	04/08/11	76.27	----	28.79	----	47.48
WCW-12	04/11/11	76.27	----	28.70	----	47.57
WCW-12	07/07/11	76.27	----	28.60	----	47.67
WCW-12	10/06/11	76.27	----	28.55	----	47.72
WCW-12	04/16/12	76.27	----	29.05	----	47.22
WCW-12	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	04/14/14	76.27	----	31.30	----	44.97
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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
WCW-12	11/01/21	76.27	----	37.07	----	39.20
WCW-12	05/09/22	76.27	----	37.48	----	38.79
WCW-12	10/31/22	76.27	----	37.99	----	38.28
WCW-12	05/01/23	76.27	----	37.50	----	38.77
WCW-12	11/06/23	76.27	----	36.68	----	39.59
WCW-13	05/28/96	77.70	----	32.61	----	45.09
WCW-13	11/20/96	77.70	----	32.51	----	45.19
WCW-13	07/01/97	77.70	----	32.44	----	45.26
WCW-13	12/31/97	77.70	----	32.24	----	45.46
WCW-13	05/01/98	77.70	----	30.90	----	46.80
WCW-13	05/04/99	77.70	----	29.39	----	48.31
WCW-13	08/09/99	77.70	----	30.82	----	46.88
WCW-13	11/15/99	77.70	----	29.96	----	47.74
WCW-13	05/15/00	77.70	----	29.83	----	47.87
WCW-13	08/28/00	77.70	----	29.92	----	47.78
WCW-13	11/13/00	77.70	----	29.96	----	47.74
WCW-13	02/05/01	77.70	----	30.15	----	47.55
WCW-13	05/07/01	77.70	----	29.80	----	47.90
WCW-13	09/18/01	77.70	----	29.25	----	48.45
WCW-13	01/29/02	77.70	----	29.40	----	48.30
WCW-13	04/08/02	77.70	----	29.51	----	48.19
WCW-13	07/29/02	77.70	----	29.71	----	47.99
WCW-13	10/21/02	77.70	----	29.94	----	47.76
WCW-13	01/27/03	77.70	----	30.00	----	47.70
WCW-13	04/07/03	77.70	----	30.02	----	47.68
WCW-13	07/31/03	77.70	----	29.80	----	47.90
WCW-13	01/27/04	77.70	----	30.01	----	47.69
WCW-13	05/10/04	77.70	----	30.10	----	47.60
WCW-13	07/19/04	77.70	----	29.22	----	48.48
WCW-13	11/01/04	77.70	----	30.44	----	47.26
WCW-13	02/01/05	77.70	----	30.15	----	47.55
WCW-13	05/02/05	77.70	----	28.35	----	49.35
WCW-13	08/01/05	77.70	----	27.66	----	50.04
WCW-13	02/27/06	77.70	----	27.46	----	50.24
WCW-13	05/01/06	77.70	----	27.57	----	50.13
WCW-13	09/18/06	77.70	----	27.66	----	50.04
WCW-13	12/01/06	77.70	----	28.10	----	49.60
WCW-13	03/12/07	77.70	----	28.00	----	49.70
WCW-13	04/30/07	77.70	----	28.06	----	49.64

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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
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	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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-13	05/09/22	77.70	----	39.35	----	38.35
WCW-13	10/31/22	77.70	----	39.76	----	37.94
WCW-13	05/01/23	77.70	----	39.49	----	38.21
WCW-13	11/06/23	77.70	----	38.72	----	38.98
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	04/08/13	78.81	----	32.71	----	46.10
WCW-14	10/07/13	78.81	----	33.41	----	45.40

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Top of Casing Elevation (feet MSL)	Depth to Product (feet btc)	Depth to Groundwater (feet btc)	Measured Product Thickness (feet)	Groundwater Elevation (feet MSL)
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	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
WCW-14	05/09/22	78.81	-----	40.29	-----	38.52
WCW-14	10/31/22	78.81	-----	40.61	-----	38.20
WCW-14	05/01/23	78.81	-----	40.67	-----	38.14
WCW-14	11/06/23	78.81	-----	39.74	-----	39.07

Notes: feet MSL = feet above mean sea level, based on Los Angeles County Datum, 1980
 feet btc = feet below top of casing
 ----- = not detected/not applicable
 NS - not surveyed
 NC = not calculated due to presence of product in well

APPENDIX D

**HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL
OXYGENATES IN GROUNDWATER – NOVEMBER 1996 THROUGH NOVEMBER 2023**

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Exposition Aquifer														
EXP-1	11/27/96	GSI	82	<500	1.4	<0.50	<0.50	2.7	<0.50	<1	-----	-----	-----	-----
EXP-1	03/14/97	GTI	<50	<47	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----	-----	-----
EXP-1	03/14/97	GTI	<50	<50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----	-----	-----
EXP-1	03/14/97	GTI	<100	-----	<2	<2	<2	<2	-----	-----	-----	-----	-----	-----
EXP-1	07/10/97	GTI	<50	290	<5	<5	<5	<5	<5	<5	-----	-----	-----	-----
EXP-1	01/09/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
EXP-1	05/20/98	BBC	<300	-----	0.50	0.90	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
EXP-1	11/04/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	05/26/99	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
EXP-1	09/23/99	Secor	<300	-----	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
EXP-1	10/12/99	Secor	<300	-----	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
EXP-1	11/18/99	IT Corporation	<300	-----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	11/19/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	12/21/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	01/20/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	02/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	03/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	04/20/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	05/17/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	05/18/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	06/30/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	08/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	11/29/00	IT Corporation	<300	-----	0.50	<0.50	<0.50	0.70	<0.50	<0.50	-----	-----	-----	-----
EXP-1	02/06/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	05/08/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	05/09/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	09/19/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	01/30/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	04/10/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	04/11/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	07/30/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	-----	-----	-----	-----
EXP-1	09/06/02	Secor	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	10/23/02	GTI	<300	-----	<0.50	<1	<1	<0.30	<0.50	<5	-----	-----	-----	-----
EXP-1	10/24/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	01/29/03	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	04/08/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	04/10/03	GTI	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	07/30/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	10/08/03	Blaine Tech for	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	10/08/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	01/29/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	04/21/04	Blaine Tech for	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/21/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	07/19/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
EXP-1	07/21/04	Blaine Tech for	200	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	-----	-----	-----	-----
EXP-1	11/03/04	Blaine Tech for	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
EXP-1	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	11/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	05/03/06	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	09/19/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	12/05/06	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	05/02/07	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	08/29/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	11/13/07	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	11/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	02/20/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	04/16/08	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/16/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	08/14/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	10/15/08	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-1	02/24/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
EXP-1	04/20/09	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/19/09	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/19/09	Blaine Tech for	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/11/10	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	03/15/10	Blaine Tech for	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/12/10	Blaine Tech for DESC	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
EXP-1	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/04/10	Blaine Tech for	----	----	<0.50	----	----	----	<0.50	0.45 J	<10	----	----	----
EXP-1	01/10/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/10/11	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/11/11	Blaine Tech for	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/11/11	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/10/11	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/09/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/16/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/16/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	07/09/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	07/09/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/15/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-1	10/15/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	01/14/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/08/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/08/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/07/13	CHHL	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	04/14/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-1	10/28/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-1	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1.0	<1.0	<1.0
EXP-1	04/23/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-1	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
EXP-1	10/21/15	SGI	<100	<100	0.73	<0.50	<0.50	<1.5	<0.50	2.2	<10	<2.0	<2.0	<2.0
EXP-1	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
EXP-1	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
EXP-1	04/13/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	<10	<2.0	<2.0	<2.0
EXP-1	10/07/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	<10	<2.0	<2.0	<2.0
EXP-1	10/07/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1.0	<1.0	<1.0
EXP-1	04/20/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-1	04/20/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1.0	<1.0	<1.0
EXP-1	10/04/17	SGI	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-3 (EXP-1)	10/04/17	SGI	<100	310	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-1	10/04/17	BT for CH2MHill	<50	220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	10/25/17	SGI	----	230	----	----	----	----	----	----	----	----	----	----
EXP-1	04/17/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-1	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	11/06/18	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-1	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-1	04/18/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-1	10/30/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	05/07/20	BT for Jacobs	<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	SGI	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (EXP-1)	11/04/20	BT for Jacobs	<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	BT for Jacobs	<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	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/02/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/10/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/01/22	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/04/23	BT for Jacobs	<50	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-1	05/04/23	SGI/Apex	<100	140	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	11/09/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-1	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1.0	<1.0	<1.0
EXP-2	11/27/96	GSI	<50	<500	<0.50	<0.50	<0.50	<0.10	<0.50	<1	----	----	----	----
EXP-2	03/14/97	GTI	<50	75	<0.50	<0.50	<0.50	<0.50	----	----	----	----	----	----
EXP-2	03/14/97	GTI	72	200	<0.50	<0.50	<0.50	<0.50	----	----	----	----	----	----
EXP-2	03/14/97	GTI	<100	----	<2	<2	<2	<2	----	----	----	----	----	----
EXP-2	07/10/97	GTI	<50	<50	<5	<5	<5	<5	<5	<5	----	----	----	----
EXP-2	01/09/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
EXP-2	05/20/98	BBC	<300	----	<0.50	0.60	<0.50	<1	<0.50	<0.50	----	----	----	----
EXP-2	11/04/98	GTI	<300	----	<0.50	1.5	1.0	10	<0.50	<0.50	----	----	----	----
EXP-2	05/07/99	Alton Geoscience	<500	<500	1.6	1.1	<0.50	1.9	<1	1.7	----	----	----	----
EXP-2	05/26/99	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	----	----	----	----
EXP-2	07/21/99	Alton Geoscience	<50	----	<0.50	<0.50	<0.50	<0.50	<1	0.83	----	----	----	----
EXP-2	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-2	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-2	10/12/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-2	11/18/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	11/19/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	12/21/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	01/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	02/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	03/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/16/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	06/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	11/29/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/09/01	IT Corporation	<300	----	<0.50	0.90	<0.50	0.80	<0.50	<0.50	----	----	----	----
EXP-2	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/10/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	10/23/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-2	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/11/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	10/10/03	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	01/29/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/22/04	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-2	07/21/04	BT for Parsons	120	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	----	----	----	----
EXP-2	11/04/04	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	02/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	11/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/03/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	05/03/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	09/19/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	12/06/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	05/03/07	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/29/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	02/20/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/17/08	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	04/17/08	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	08/14/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	10/16/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-2	02/24/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
EXP-2	04/21/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/22/09	Blaine Tech for AMEC	<50	----	1.1	0.59	0.67	1.8	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/19/09	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.1 J	<2	<2	<2
EXP-2	10/19/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/11/10	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	03/15/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/12/10	Blaine Tech for DESC	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<1
EXP-2	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	----
EXP-2	10/04/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	<2
EXP-2	01/10/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/10/11	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/11/11	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/11/11	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/10/11	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/09/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/16/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/16/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	07/09/12	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	07/09/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-2	10/15/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/15/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	01/14/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/08/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/08/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	10/07/13	CHHL	<50	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-2	04/14/14	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<2.0
EXP-2	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.5 J	<2	<2	<1.0
EXP-2	10/28/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-2	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	04/23/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-2	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	10/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<1.0
EXP-2	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<2.0
EXP-2	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<2.0
EXP-2	04/12/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-2 (EXP-2)	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	04/19/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	10/02/17	SGI	<100	150	1.4	<0.50	5.4	1.8	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	10/03/17	BT for CH2MHill	<50	<100	0.98	<0.50	4.8	1.3	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	10/25/17	SGI	----	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	04/19/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	04/19/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	11/05/18	SGI	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	11/05/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1.0	<1.0	<1.0
EXP-2	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-2	04/18/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-2	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	10/29/19	BT for Jacobs	<50	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	05/07/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	05/07/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
EXP-2	10/22/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/05/20	BT for Jacobs	<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	BT for Jacobs	<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	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/03/21	SGI/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	4.4	<10	<2.0	<2.0	<2.0
EXP-2	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	7.8	<10	<1.0	<1.0	<1.0
EXP-2	05/12/22	SGI/Apex	<100	110	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	05/12/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1.0	<1.0	<1.0
EXP-2	11/04/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	2.6	<10	<2.0	<2.0	<2.0
EXP-2	11/04/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1.0	<1.0	<1.0
EXP-2	05/05/23	BT for Jacobs	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	<10	<1.0	<1.0	<1.0
EXP-2	05/05/23	SGI/Apex	<100	180	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-2	11/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	4.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-2	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1.0	<1.0	<1.0
EXP-3	11/27/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1	<0.50	<1	----	----	----	----
EXP-3	03/14/97	GTI	<50	120	<0.50	<0.50	<0.50	<0.50	----	----	----	----	----	----
EXP-3	03/14/97	GTI	<50	250	<0.50	<0.50	<0.50	<0.50	----	----	----	----	----	----
EXP-3	03/14/97	GTI	<100	----	<2	<2	<2	<2	----	----	----	----	----	----
EXP-3	07/10/97	GTI	<50	<50	<5	<5	<5	<5	<5	<5	----	----	----	----
EXP-3	01/09/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
EXP-3	05/20/98	BBC	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
EXP-3	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/07/99	Alton Geoscience	----	<500	<0.50	<0.50	<0.50	<0.50	<1	0.89	----	----	----	----
EXP-3	05/27/99	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	08/10/99	Alton Geoscience	<500	<1,000	4.0	6.2	<1	3.4	<0.50	<1	----	----	----	----
EXP-3	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-3	10/12/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-3	11/18/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/19/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	12/21/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	01/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	02/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	03/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/17/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	06/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/30/00	IT Corporation	<300	----	<0.50	0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/09/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/07/01	IT Corporation	<300	----	0.80	0.60	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/07/01	IT Corporation	<300	----	<0.50	<0.60	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/12/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	10/22/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<1	----	----	----	----
EXP-3	10/23/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-3	01/29/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/11/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	10/10/03	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	01/29/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/22/04	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	07/19/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	07/21/04	BT for Parsons	120	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-3	11/03/04	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	08/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/05/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	09/18/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	12/06/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/04/07	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	05/04/07	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	08/30/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	11/16/07	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/07/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/20/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	04/16/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/16/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	08/14/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	10/14/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-3	10/15/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	02/24/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
EXP-3	04/22/09	BT for Parsons	<100	----	<0.50	3.4	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<2
EXP-3	07/20/09	Blaine Tech for AMEC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<1
EXP-3	10/19/09	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/19/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	01/11/10	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	03/15/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/12/10	Blaine Tech for DESC	----	----	0.31 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/04/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
EXP-3	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	0.68	<10	----	----	----
EXP-3	01/10/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	0.73	0.95	<10	<1	<1	<1
EXP-3	01/10/11	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	0.64	1.0	<10	<2	<2	<2
EXP-3	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.3	0.99	<10	<1	<1	<1
EXP-3	04/11/11	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	1.3	1.1	<10	<2	<2	<2
EXP-3	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1	<1	<1
EXP-3	07/12/11	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	0.62	0.45 J	<10	<2	<2	<2
EXP-3	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/10/11	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.7 J	<2	<2	<2
EXP-3	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<1	<1	<1
EXP-3	01/09/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	0.81	0.63	<10	<2	<2	<2
EXP-3	04/16/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.58	<0.50	<10	<1	<1	<1
EXP-3	04/16/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	0.54	0.48 J	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-3	07/09/12	CHHL	<50	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	07/09/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2
EXP-3	08/29/12	CHHL	----	<50	----	----	----	----	----	----	----	----	----	----
EXP-3	10/15/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/15/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	0.45 J	<0.50	<10	<2	<2	<2
EXP-3	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1	<1	<1
EXP-3	01/14/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	0.74	0.34 J	<10	<2	<2	<2
EXP-3	04/08/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/08/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/07/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	0.36 J	<0.50	<10	<2	<2	<2
EXP-3	04/14/14	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
EXP-3	10/28/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-3	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	04/23/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-3	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/20/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
EXP-3	10/20/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	04/12/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	10/04/17	SGI	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	10/04/17	BT for CH2MHill	<50	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/25/17	SGI	----	<100	----	----	----	----	----	----	----	----	----	----
EXP-3	04/16/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	04/16/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	<10	<1	<1	<1
EXP-3	11/06/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	04/16/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-3	04/16/19	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
EXP-3	10/31/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/06/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	05/01/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	10/21/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/04/20	BT for Jacobs	<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	BT for Jacobs	<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	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/02/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/10/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	10/31/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	10/31/22	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-3	05/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-3	11/06/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	11/06/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	02/03/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	<0.50	----	----	----	----
EXP-4	05/06/99	Alton Geoscience	<500	<500	1.3	4.1	<0.50	1.7	<1	<0.50	----	----	----	----
EXP-4	07/21/99	Alton Geoscience	<50	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
EXP-4	08/10/99	Alton Geoscience	<500	<1,000	50	80	7.7	44	2.1	4.2	----	----	----	----
EXP-4	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<1	0.72	----	----	----	----
EXP-4	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-4	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-4	10/12/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-4	11/19/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	----	----	----	----
EXP-4	12/21/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	12/21/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	01/20/00	Secor	<300	----	<0.50	<0.50	<0.50	0.50	<0.50	<0.50	----	----	----	----
EXP-4	02/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	03/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	04/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	06/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	11/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	09/18/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	09/20/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-4	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/19/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	05/24/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/17/12	CH2M Hill	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/08/13	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-4	10/28/14	BT for CH2MHill	<50	63 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	10/21/15	BT for CH2MHill	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-4	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/05/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/04/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/11/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/03/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	<0.50	----	----	----	----
EXP-5	05/05/99	Alton Geoscience	<500	<500	7.6	3.9	1.4	7.4	<1	140	----	----	----	----
EXP-5	07/21/99	Alton Geoscience	<50	----	<0.50	<0.50	<0.50	<0.50	<1	11	----	----	----	----
EXP-5	08/10/99	Alton Geoscience	<500	<1,000	21	37	4.3	22	<0.50	2.4	----	----	----	----
EXP-5	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-5	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-5	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-5	10/12/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-5	11/19/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	12/21/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	01/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	03/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	04/20/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	06/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	01/29/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	07/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
EXP-5	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	08/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	09/19/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	08/28/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/20/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	08/14/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	10/15/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
EXP-5	02/23/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
EXP-5	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/19/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	03/15/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/04/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/10/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	07/09/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	01/14/13	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
EXP-5	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP 5	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/06/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
EXP-5	11/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
Uppermost Aquifer														
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	<0.60	30	1,100	-----	-----	-----	-----
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	-----	-----	-----	-----
GB-21	01/24/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<1	<1	<1
GB-21	01/24/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<1	<1	<1
GB-21	01/24/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	140	<1	<1	<1
GB-22	01/21/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<1	<1	<1
GB-22	01/21/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<1	<1	<1
GB-22	01/21/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	110	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<1	<1	<1
GB-23	01/21/11	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	2,400	<1	<1	<1
GMW-1	11/27/96	Terra Services	-----	-----	13,000	11,000	2,700	14,300	<50	<500	-----	-----	-----	-----
GMW-1	07/17/97	Terra Services	68,000	6,900	10,000	5,500	2,500	11,500	<30	<300	-----	-----	-----	-----
GMW-1	01/09/98	Terra Services	5,800	4,500	5,600	590	1,200	4,570	<30	<300	-----	-----	-----	-----
GMW-1	05/27/98	Terra Services	19,600	-----	4,360	466	930	2,279	<0.50	101	-----	-----	-----	-----
GMW-1	11/17/98	Alton Geoscience	4,260	-----	950	150	360	320	<50	<50	-----	-----	-----	-----
GMW-1	05/05/99	Alton Geoscience	<500	<500	1.9	8.4	0.58	2.9	<1	<0.50	-----	-----	-----	-----
GMW-1	11/17/99	Secor	23,000	-----	4,700	440	1,100	4,040	<5	71	-----	-----	-----	-----
GMW-1	05/16/00	Secor	14,000	-----	3,100	40	720	2,300	<25	50	-----	-----	-----	-----
GMW-1	11/30/00	Secor	14,000	-----	2,700	80	1,000	1,780	<0.50	33	-----	-----	-----	-----
GMW-1	05/09/01	Secor	1,000	-----	1,900	<13	530	468	<13	<13	-----	-----	-----	-----
GMW-1	11/06/01	Secor	11,000	-----	2,900	35	1,300	280	<0.50	27	-----	-----	-----	-----
GMW-1	04/10/02	Secor	7,600	-----	2,000	26	740	295	<10	18	-----	-----	-----	-----
GMW-1	10/23/02	Secor	830	-----	1,300	<5	330	111	<5	17	-----	-----	-----	-----
GMW-1	03/11/03	Geomatrix	340	-----	130	<0.50	30	6.1	<0.50	0.68	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-1	04/08/03	Secor	4,500	----	2,200	<10	240	142	<20	25	----	----	----	----
GMW-1	08/01/03	Secor	4,000	----	1,600	11	360	172	<20	14	----	----	----	----
GMW-1	10/06/03	Secor	7,400	----	2,200	12	520	196	<20	13	----	----	----	----
GMW-1	01/27/04	Secor	4,400	----	1,500	5.7	180	200	<10	12	----	----	----	----
GMW-1	04/22/04	Secor	9,100	----	3,200	<20	270	160	<40	<20	----	----	----	----
GMW-1	07/19/04	Secor	6,000	----	2,100	<10	90	70	<20	20	----	----	----	----
GMW-1	11/03/04	Secor	7,900	----	3,500	<10	88	35	<20	18	----	----	----	----
GMW-1	02/02/05	Secor	2,100	----	1,100	<5	18	29	<10	12	----	----	----	----
GMW-1	05/06/05	Secor	<200	----	1.2	<1	<1	<1	<2	<1	----	----	----	----
GMW-1	08/01/05	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
GMW-1	11/02/05	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
GMW-1	02/27/06	Secor	<1000	----	<5	<5	<5	<5	<10	<5	----	----	----	----
GMW-1	05/04/06	Secor	<500	----	4.0	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
GMW-1	09/18/06	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
GMW-1	12/06/06	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
GMW-1	03/13/07	Secor	<1000	----	<5	<5	<5	<5	<10	<5	----	----	----	----
GMW-1	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-1	08/30/07	Secor	520	----	<1.5	<1.5	<1.5	<1.5	<3	<1.5	----	----	----	----
GMW-1	11/14/07	Secor	140	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-1	02/20/08	Secor	<200	----	41	<1	4.9	4.8	<2	<1	----	----	----	----
GMW-1	04/16/08	Secor	<200	----	14	<1	<1	<1	<2	<1	----	----	----	----
GMW-1	10/17/08	Stantec	1,600	----	52	1.6	58	250	<2	<1	----	----	----	----
GMW-1	04/20/09	Blaine Tech for AMEC	600	----	63	1.2	25	16	<2	<1	<20	<2	<2	<2
GMW-1	10/22/09	BT for Parsons	330	----	1.5	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	05/27/10	Blaine Tech	900	----	55	4.9	46	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/07/10	Blaine Tech	400	----	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/14/11	Blaine Tech	230	----	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/12/11	CH2M Hill	230	----	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	04/19/12	CH2M Hill	<200	850	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
GMW-1	10/17/12	CHHL	<500	880	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	04/11/13	CHHL	<500	470	2.8	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-1	10/10/13	CHHL	<200	270	<1	<1	<1	<1	<2	1.7	29	<2	<2	<2
GMW-1	04/16/14	CHHL	89	77	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	11	<1	<1	<1
GMW-1	10/30/14	BT for CH2MHill	70	130	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1.0	<1.0	<1.0
GMW-1	04/23/15	BT for CH2MHill	58	60	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	16	<1.0	<1.0	<1.0
GMW-1	10/23/15	BT for CH2MHill	110	140 HD	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	13	<1.0	<1.0	<1.0
GMW-1	04/14/16	BT for CH2MHill	55	70	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	22	<1.0	<1.0	<1.0
GMW-1	10/06/16	BT for CH2MHill	57	150	0.56	<0.50	<0.50	2.9	<0.50	2.0	13	<1.0	<1.0	<1.0
GMW-1	05/11/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1.0	<1.0	<1.0
GMW-1 (DUP)	05/11/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-1	05/12/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-1	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-1	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-1	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-2	11/21/96	Terra Services	----	----	6,500	44	700	960	<30	4,800	----	----	----	----
GMW-2	07/15/97	Terra Services	350	<500	59	1.2	41	20	<0.50	<5	----	----	----	----
GMW-2	01/08/98	Terra Services	<100	<500	4.1	0.79	1.1	1.1	2.7	220	----	----	----	----
GMW-2	05/27/98	Terra Services	<300	----	<0.50	58	0.80	0.50	<0.50	21	----	----	----	----
GMW-2	11/17/98	Alton Geoscience	<300	----	0.88	2.1	0.90	4.8	<0.50	4.4	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-2	05/07/99	Alton Geoscience	<500	<500	8.2	<0.50	<0.50	0.94	<1	42	-----	-----	-----	-----
GMW-2	11/17/99	Secor	<300	-----	0.70	<0.50	<0.50	<0.50	<0.50	66	-----	-----	-----	-----
GMW-2	05/16/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	-----	-----	-----	-----
GMW-2	11/30/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	1.0	140	-----	-----	-----	-----
GMW-2	05/08/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	0.60	51	-----	-----	-----	-----
GMW-2	11/06/01	Secor	<300	-----	7.8	<0.50	<0.50	0.70	1.2	140	-----	-----	-----	-----
GMW-2	04/09/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	240	-----	-----	-----	-----
GMW-2	10/23/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	260	-----	-----	-----	-----
GMW-2	10/07/03	Secor	91	-----	<0.50	<0.50	<0.50	<0.50	<0.50	81	-----	-----	-----	-----
GMW-2	05/06/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-2	05/09/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	-----	-----	-----	-----
GMW-2	05/02/07	Secor	160	-----	73	<0.50	<0.50	2.3	<1	5.8	-----	-----	-----	-----
GMW-2	04/17/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-2	04/20/09	Blaine Tech for AMEC	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-2	05/26/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	11/25/96	Terra Services	-----	-----	<5	<5	<0.50	<1.5	<5	<50	-----	-----	-----	-----
GMW-3	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	-----	-----	-----	-----
GMW-3	01/05/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	-----	-----	-----	-----
GMW-3	05/26/98	Terra Services	-----	-----	<0.50	<0.50	<0.50	0.90	<0.50	<0.50	-----	-----	-----	-----
GMW-3	11/11/98	Alton Geoscience	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	-----	-----	-----	-----
GMW-3	05/07/99	Alton Geoscience	<500	<500	1.1	4.4	<0.50	1.9	<1	<0.50	-----	-----	-----	-----
GMW-3	11/17/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	05/17/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	11/29/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	05/10/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	11/06/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	04/10/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	10/22/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	-----	-----	-----	-----
GMW-3	01/29/03	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	-----	-----	-----	-----
GMW-3	04/08/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	07/30/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	10/06/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	01/27/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	04/21/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	07/19/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	11/02/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	05/04/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	11/03/05	Secor	120	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	02/27/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	05/02/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	12/05/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	05/04/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	11/14/07	Secor	<200	-----	<1	<1	<1	<1	<2	<1	-----	-----	-----	-----
GMW-3	04/16/08	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	-----	-----	-----	-----
GMW-3	04/16/08	Secor	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-3	10/14/08	Stantec	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-3	04/20/09	Blaine Tech for AMEC	<50	-----	0.63	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/21/09	BT for Parsons	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	05/26/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-3	10/06/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/12/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	10/11/11	CH2M Hill	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	06/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-3	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	<10	<1	<1	<1
GMW-3	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-3	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-3	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-3	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-3	05/03/23	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-3	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4	07/15/97	Terra Services	1,300	2,100	38	<0.50	35	45	<0.50	<5	-----	-----	-----	-----
GMW-4	01/08/98	Terra Services	380	530	14	1.2	12	19	1.6	<5	-----	-----	-----	-----
GMW-4	05/26/98	Terra Services	2,300	-----	42	<0.30	69	87	<2.5	<2.5	-----	-----	-----	-----
GMW-4	11/18/99	Secor	1,600	-----	67	<0.50	51	24	<0.50	<0.50	-----	-----	-----	-----
GMW-4	05/19/00	Secor	2,500	-----	48	0.50	29	37	<0.50	<0.50	-----	-----	-----	-----
GMW-4	04/10/03	Secor	500	-----	8.0	<0.50	8.2	26	<0.50	<0.50	-----	-----	-----	-----
GMW-4	05/04/07	Secor	2,000	-----	110	<1	27	12	<2	<1	-----	-----	-----	-----
GMW-4	04/16/08	BT for Parsons	16,000	-----	270	<2.5	110	157	<2.5	<2.5	<50	<10	<10	<10
GMW-4	04/17/08	Secor	4,400	-----	290	<5	89	102	<10	<5	-----	-----	-----	-----
GMW-4	11/21/08	Stantec	4,900	-----	260	<2.5	45	28	<5	<2.5	-----	-----	-----	-----
GMW-4	04/23/09	Blaine Tech for AMEC	2,500	-----	120	<0.50	12	8.6	<1	3.9	<10	<1	<1	<1
GMW-4	05/27/10	Blaine Tech	2,200	-----	170	1.1	6.3	10	<2	<1	<20	<2	<2	<2
GMW-4	10/05/10	Blaine Tech	1,300	-----	8.2	<1	2.8	2.2	<2	3.2	22	<2	<2	<2
GMW-4	04/14/11	Blaine Tech	2,800	-----	130	<1	2.0	3.4	<2	<1	<20	<2	<2	<2
GMW-4	10/12/11	CH2M Hill	1,200	-----	62	<1	1.4	<1	<2	3.8	<20	<2	<2	<2
GMW-4	04/20/12	CH2M Hill	4,600	25,000	170	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-4	10/19/12	CHHL	1,300	8,100	36	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-4	04/12/13	CHHL	2,100	8,000	56	<4	<4	<4	<8	<4	<80	<8	<8	<8
GMW-4	10/11/13	CHHL	1,800	2,400	24	<0.50	1.1	1.7	<1	2.2	<10	<1	<1	<1
GMW-4R	04/18/17	BT for CH2MHill	84	70	6.1	<0.50	2.2	1.2	<0.50	0.74	<10	<1.0	<1.0	<1.0
GMW-4R	10/05/17	BT for CH2MHill	<50	70	1.3	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
DUP-3 (GMW-4R)	10/05/17	BT for CH2MHill	51	85	1.3	<0.50	<0.50	<0.50	<0.50	0.66	<10	<1.0	<1.0	<1.0
GMW-4R	04/19/18	BT for Jacobs	100	50	1.1	<0.50	1.2	0.55	<0.50	0.68	<10	<1.0	<1.0	<1.0
GMW-4R	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	1.6	0.56	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/08/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	120	290	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
GMW-4R	05/12/22	BT for Jacobs	<50	190	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<10	<1.0	<1.0	<1.0
GMW-4R	11/01/22	BT for Jacobs	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-4R	05/03/23	BT for Jacobs	<200	520	<1.0	<1.0	<1.0	<1.0	<2.0	1.7	<20	<2.0	<2.0	<2.0
GMW-4R	11/08/23	BT for Jacobs	<50	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-5	11/27/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1	-----	-----	-----	-----	-----	-----
GMW-5	07/11/97	GTI	<50	<50	<0.50	<1	<1	<2	-----	-----	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-5	01/06/98	GTI	<500	<100	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-5	05/18/98	BBC	-----	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-5	11/04/98	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-5	05/27/99	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-5	11/18/99	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-5	05/16/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-5	11/29/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-5	05/09/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-5	11/07/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-5	04/10/02	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-5	10/08/13	Parsons	<100	120 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-5	10/27/14	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-5	04/21/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-5	05/03/23	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-5	11/09/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	11/27/96	GSI	5,300	<500	330	<12	320	300	-----	-----	-----	-----	-----	-----
GMW-6	07/09/97	GTI	<50	<50	2.7	<1	1.4	<2	<5	-----	-----	-----	-----	-----
GMW-6	01/07/98	GTI	<500	<100	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-6	05/21/98	BBC	<300	-----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-6	11/05/98	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-6	05/27/99	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-6	11/18/99	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-6	05/16/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-6	11/29/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-6	05/09/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-6	11/07/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-6	04/10/02	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-6	10/23/02	GTI	<300	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	04/10/03	GTI	-----	-----	<1	<1	<1	<2	-----	<3	-----	-----	-----	-----
GMW-6	10/08/03	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	04/22/04	BT for Parsons	-----	-----	0.41	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	11/06/04	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	05/06/05	BT for Parsons	-----	-----	<0.30	0.46	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	11/08/05	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	05/03/06	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-6	12/08/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	1.3	-----	<5	-----	-----	-----	-----
GMW-6	05/02/07	BT for Parsons	-----	-----	0.58	0.54	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-6	08/31/07	BT for Parsons	3,400	-----	400	96	45	188	<0.50	<0.50	<10	<2	<2	<2
GMW-6	11/14/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-6	11/15/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-6	10/15/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-6	04/21/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	43	-----	-----	-----	-----
GMW-6	07/21/09	Blaine Tech for AMEC	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/20/09	Blaine Tech for DESC	-----	-----	1.5	<0.50	<0.50	<0.50	<0.50	350	<10	<2	<2	0.51 J
GMW-6	04/12/10	Blaine Tech for DESC	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	7.2	<10	<2	<2	<2
GMW-6	10/05/10	BT for Parsons	-----	-----	0.35 J	-----	-----	-----	<0.50	130	210	-----	-----	-----
GMW-6	02/24/11	Blaine Tech	<50	-----	0.53	<0.50	<0.50	<0.50	<0.50	9.6	120	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-6	04/13/11	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/10/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	220	<2	<2	<2
GMW-6	04/19/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.34 J	<10	<2	<2	<2
GMW-6	10/15/12	Parsons	-----	-----	<0.50	<0.50	0.17 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	04/10/13	Parsons	-----	110 b	<0.50	<0.50	<0.50	<0.50	<0.50	0.44 J	<10	<2	<2	<2
GMW-6	10/08/13	Parsons	<100	250 HD	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	57	<2	<2	<2
GMW-6	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-6	10/27/14	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-6	04/28/15	SGI	<100	<100	1.2	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-6	04/28/15	SGI	<100	<100	0.89	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-6	10/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-6	04/12/16	SGI	<100	<100	0.89	<0.50	2.3	7.6	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-2 (GMW 6)	04/12/16	SGI	<100	<100	0.92	<0.50	2.2	7.2	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	10/07/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	10/03/17	SGI	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-6)	10/03/17	SGI	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	04/17/18	SGI	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	11/09/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	04/16/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-6	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	10/21/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/05/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	11/03/21	SGI/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/11/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-6	11/07/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	05/21/98	BBC	-----	-----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-7	12/01/00	IT Corporation	520,000	-----	4,800	970	620	12,000	-----	<2500	-----	-----	-----	-----
GMW-7	04/30/15	SGI	610	28,000	8.1	<0.50	<0.50	<1.5	<0.50	<2.0	15	<2.0	<2.0	<2.0
GMW-7	10/11/16	SGI	560	2,000	7.5	<0.50	<0.50	<1.5	<0.50	1.4	47	<2.0	<2.0	<2.0
GMW-7	10/10/17	SGI	240	1,400	2.2	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-7	04/20/18	SGI	150	4,800 J	1.6	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-7	11/12/18	SGI	410	5,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-7	04/22/19	SGI	150	3,900	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	31	<2.0	<2.0	<2.0
GMW-7	11/06/19	SGI	230	5,000	5.1	<1.0	<1.0	<3.0	<1.0	<2.4	27	<4.0	<4.0	<4.0
GMW-7	05/11/20	SGI	360	5,100	9.1	<0.50	0.51	<1.5	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-7	10/26/20	SGI	530	2,300	150	0.54	1.3	<1.5	<0.50	1.8	17	<2.0	<2.0	<2.0
DUP-6 (GMW-7)	10/26/20	SGI	450	2,300	110	0.53	1.4	<1.5	<0.50	1.8	31	<2.0	<2.0	<2.0
GMW-7	05/12/21	SGI/Apex	710	4,700	100	<1.0	2.5	<3.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-7	11/08/21	SGI/Apex	520	5,900	34	<0.50	1.9	<1.5	<0.50	4.0	54	<2.0	<2.0	<2.0
GMW-7	05/19/22	SGI/Apex	670	11,000	66	0.50	1.2	<1.0	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-7	11/10/22	SGI/Apex	790	10,000	59	0.70	1.1	0.50	<0.50	<1.2	20	<2.0	<2.0	<2.0
GMW-7	05/09/23	SGI/Apex	360	4,600	8.2	<0.50	<0.50	<1.0	<0.50	1.5	49	<2.0	<2.0	<2.0
GMW-7	11/15/23	SGI/Apex	<100	7,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-8	11/21/96	Terra Services	-----	-----	<0.50	<0.50	<0.50	<1.5	12	<5	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-8	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	1.7	<5	-----	-----	-----	-----
GMW-8	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	5.0	<5	-----	-----	-----	-----
GMW-8	05/26/98	Terra Services	-----	-----	<0.30	<0.30	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-8	11/06/98	Alton Geoscience	<300	-----	<0.50	<0.50	<0.50	<0.50	8.6	0.90	-----	-----	-----	-----
GMW-8	05/05/99	Alton Geoscience	<500	<500	2.0	7.2	0.57	3.0	<1	<0.50	-----	-----	-----	-----
GMW-8	05/07/99	Alton Geoscience	<500	<500	<0.50	1.7	<0.50	0.51	4.4	<0.50	-----	-----	-----	-----
GMW-8	11/16/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	4.6	<0.50	-----	-----	-----	-----
GMW-8	05/19/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	15	<0.50	-----	-----	-----	-----
GMW-8	11/29/00	Secor	<300	-----	1.0	0.90	<0.50	1.5	10	2.9	-----	-----	-----	-----
GMW-8	05/09/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	04/11/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	2.5	2.4	-----	-----	-----	-----
GMW-8	10/24/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	04/10/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	-----	-----	-----	-----
GMW-8	10/08/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	0.52	<0.50	-----	-----	-----	-----
GMW-8	04/21/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	11/05/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	05/05/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	11/03/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	05/03/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.78	-----	-----	-----	-----
GMW-8	12/07/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	-----	-----	-----	-----
GMW-8	05/05/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	-----	-----	-----	-----
GMW-8	11/14/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	04/17/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	10/21/08	Stantec	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-8	04/22/09	Blaine Tech for AMEC	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/19/09	BT for Parsons	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-8	05/26/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	10/06/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-8	06/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	0.59	<10	<1	<1	<1
GMW-8	04/15/14	CHHL	<100	93	<0.50	<0.50	<0.50	<0.50	3.5	0.80	<10	<1	<1	<1
GMW-8	10/29/14	BT for CH2MHill	<100	65 HD	<0.50	<0.50	<0.50	<0.50	3.3	1.1	<10	<1.0	<1.0	<1.0
GMW-8	04/22/15	BT for CH2MHill	<50	60	<0.50	<0.50	<0.50	<0.50	3.3	1.7	<10	<1.0	<1.0	<1.0
GMW-8	10/22/15	BT for CH2MHill	<100	110 HD	<0.50	<0.50	<0.50	<0.50	4.6	1.5	<10	<1.0	<1.0	<1.0
GMW-8	04/15/16	BT for CH2MHill	<50	230	<0.50	<0.50	<0.50	<0.50	4.3	1.4	<10	<1.0	<1.0	<1.0
GMW-8	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.9	0.55	<10	<1.0	<1.0	<1.0
GMW-8	04/18/17	BT for CH2MHill	<50	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	10/05/17	BT for CH2MHill	<50	270	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	04/19/18	BT for Jacobs	<50	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	11/08/18	BT for Jacobs	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	04/19/19	BT for Jacobs	<50	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	10/29/19	BT for Jacobs	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/12/20	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	06/10/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/11/22	BT for Jacobs	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	11/01/22	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-8	05/02/23	BT for Jacobs	<50	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-8	11/10/23	BT for Jacobs	<500	58	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-9	10/07/10	Blaine Tech	6,800	-----	890	62	120	650	<10	56	1,600	44	<10	<10
GMW-9	04/13/11	Blaine Tech	54,000	-----	20,000	290	970	3,800	<200	3,600	<2,000	<200	<200	<200
GMW-9	10/13/11	CH2M Hill	61,000	-----	18,000	6,500	760	3,400	<200	2,100	<2,000	<200	<200	<200
GMW-9	10/06/16	BT for CH2MHill	67	140	4.6	<0.50	<0.50	<0.50	0.64	0.84	110	13	<1.0	<1.0
GMW-9	04/21/17	BT for CH2MHill	750	760	9.2	0.98	0.71	20	<1	1.9	18	5.5	<1.0	<1.0
GMW-9	10/05/17	BT for CH2MHill	<50	100	<0.50	<0.50	<0.50	<0.50	0.56	0.62	83	4.7	<1.0	<1.0
GMW-9	05/15/18	BT for Jacobs	<50	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	34	4.4	<1.0	<1.0
GMW-9	11/08/18	BT for Jacobs	<50	53	<0.50	<0.50	<0.50	<0.50	<0.50	0.52	40	3.1	<1.0	<1.0
GMW-9	04/23/19	BT for Jacobs	290	59	<0.50	<0.50	<0.50	2.1	<0.50	0.72	4,900	<1.0	<1.0	<1.0
DUPE (GMW-9)	04/23/19	BT for Jacobs	300	60	<0.50	<0.50	<0.50	2.2	<0.50	0.76	5,500	<1.0	<1.0	<1.0
GMW-9	11/01/19	BT for Jacobs	<50	340	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1.0	<1.0	<1.0
GMW-9	05/11/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	73	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<11	<1.0	<1.0	<1.0
GMW-9	05/20/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	05/03/23	BT for Jacobs	<50	90	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	8.4	<1.0	<1.0
GMW-9	11/10/23	BT for Jacobs	<100	60	<0.50	<0.50	<0.50	<0.50	<1.0	0.88	11	9.4	<1.0	<1.0
GMW-10	10/08/10	Blaine Tech	4,800	-----	360	<2.5	87	14	<5	<2.5	120	<5	<5	<5
GMW-10	04/14/11	Blaine Tech	5,700	-----	370	2.0	93	7.9	<3	<1.5	100	<3	<3	<3
GMW-10	10/14/11	CH2M Hill	3,700	-----	580	3.3	75	7.8	<5	<2.5	590	<5	<5	<5
GMW-10	04/27/12	CH2M Hill	3,000	3,100	360	<2	15	3.2	<4	<2	79	<4	<4	<4
GMW-10	10/19/12	CHHL	10,000	7,500	1,300	380	270	1,400	<10	<5	<100	<10	<10	<10
GMW-10	04/12/13	CHHL	14,000	100,000	210	65	48	310	<20	<10	<200	<20	<20	<20
GMW-10	10/11/13	CHHL	13,000	9,500	1,100	800	350	1,900	<20	<10	<200	<20	<20	<20
GMW-10	10/28/15	BT for CH2MHill	27,000	41,000 HD	1,100	2,400	730	3,800	<20	<10	<200	<20	<20	<20
GMW-10	05/06/21	BT for Jacobs	<500	19,000	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
DUP-7 (GMW-10)	05/06/21	BT for Jacobs	<500	19,000	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-10	11/03/21	BT for Jacobs	200	4,500	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	13	<1.0	<1.0	<1.0
DUP-5 (GMW-10)	11/03/21	BT for Jacobs	250	4,300	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	13	<1.0	<1.0	<1.0
GMW-10	05/13/22	BT for Jacobs	<200	2,400	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
DUP-7 (GMW-10)	05/13/22	BT for Jacobs	<200	2,700	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-10	11/04/22	BT for Jacobs	250	2,400	8.7	1.2	6.4	2.2	<2.0	1.1	<20	<2.0	<2.0	<2.0
DUP-6 (GMW-10)	11/04/22	BT for Jacobs	290	2,400	9.9	1.3	7.1	2.4	<2.0	1.2	<20	<2.0	<2.0	<2.0
GMW-10	05/04/23	BT for Jacobs	<200	4,000	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-10	11/09/23	BT for Jacobs	<200	1,700	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0
DUP-3 (GMW-10)	11/09/23	BT for Jacobs	<200	1,700	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0
GMW-11	11/21/96	Terra Services	-----	-----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	-----	-----	-----	-----
GMW-11	07/10/97	Terra Services	220	2,500	<0.50	4.0	0.90	<0.50	<0.50	<5	-----	-----	-----	-----
GMW-11	01/07/98	Terra Services	4,000	220,000	<0.50	<0.50	<0.50	1.6	<0.50	<5	-----	-----	-----	-----
GMW-11	05/20/98	Terra Services	42,400	-----	<0.30	<0.30	<25	<50	<2.5	<0.50	-----	-----	-----	-----
GMW-11	11/17/98	Alton Geoscience	6,230	-----	<5	6.0	<5	11	<5	24	-----	-----	-----	-----
GMW-11	05/07/99	Alton Geoscience	1,900	1,900	0.61	2.1	<0.50	0.62	<1	<0.50	-----	-----	-----	-----
GMW-11	11/16/99	Secor	1,200	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-11	05/19/00	Secor	790	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-11	11/30/00	Secor	1,600	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-11	05/10/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-11	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-11	04/11/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-11	04/15/16	SGL	<100	440	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-8 (GMW 11)	04/15/16	SGL	<100	480	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	11/27/96	GSI	99	<500	<0.50	<0.50	<0.50	<1	<0.50	<1	-----	-----	-----	-----
GMW-12	07/10/97	GTI	110	8,600	<5	<5	<5	<5	<5	<5	-----	-----	-----	-----
GMW-12	01/06/98	GTI	<500	1,000	<0.50	1.6	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-12	05/21/98	BBC	<300	-----	<0.30	<0.30	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-12	11/05/98	GTI	<300	-----	4.5	<0.50	3.0	1.7	<0.50	<0.50	-----	-----	-----	-----
GMW-12	05/27/99	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	11/18/99	IT Corporation	<300	-----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	05/17/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	11/30/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	05/09/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	04/11/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	10/23/02	GTI	<300	-----	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
GMW-12	04/10/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	04/14/03	GTI	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	10/10/03	BT for Parsons	<100	-----	<0.50	<0.50	0.56	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-12	04/21/04	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/04/04	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/06/05	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/08/05	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/06	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	12/08/06	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	05/04/07	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	11/16/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/18/08	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/16/08	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/23/09	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/20/09	Blaine Tech for DESC	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.49 J	<10	<2	<2	<2
GMW-12	04/15/10	Blaine Tech for DESC	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<2	<2	<2
GMW-12	10/08/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	3.6 J	-----	-----	-----
GMW-12	04/11/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/10/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/15/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/09/13	Parsons	-----	650 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/08/13	Parsons	<100	700 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	04/16/14	Parsons	<100	1,200 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-12	10/29/14	SGL	<100	1,100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-12	04/28/15	SGL	<100	960	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-12	04/28/15	SGL	<100	930	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-12	10/10/16	SGL	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	04/21/17	SGL	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-8 (GMW-12)	04/21/17	SGL	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-12	10/04/17	SGL	<100	1,100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	04/23/18	SGL	<100	1,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	11/12/18	SGL	<100	1,100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	04/19/19	SGL	<100	780	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE (GMW-12)	04/19/19	SGL	<100	750	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	10/30/19	SGL	<100	600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-12)	10/31/19	SGL	<100	740	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/08/20	SGL	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	10/22/20	SGL	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/06/21	SGL/Apex	<100	400	0.72	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	11/08/21	SGL/Apex	<100	790	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/16/22	SGL/Apex	<100	120	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	11/03/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	05/01/23	SGL/Apex	<100	370	1.5	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	11/13/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	11/21/96	Terra Services	----	----	3.2	<0.50	0.73	1.2	<0.50	<5	----	----	----	----
GMW-13	07/10/97	Terra Services	1,300	5,600	1.6	3.5	0.93	2.4	<0.50	<5	----	----	----	----
GMW-13	01/08/98	Terra Services	<100	<500	1.9	1.6	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-13	05/20/98	Terra Services	<300	----	<0.30	<0.30	<25	0.80	<2.5	<0.50	----	----	----	----
GMW-13	11/12/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-13	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	11/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	----	----	----	----
GMW-13	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	02/01/02	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	10/22/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<1	----	----	----	----
GMW-13	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	----	----	----	----
GMW-13	10/06/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	11/02/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	04/16/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-13	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/19/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/23/09	Blaine Tech for DESC	<100	----	<0.50	<0.50	<0.50	<0.50	23	9.5	<10	3.8	<2	<2
GMW-13	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/13/11	BT for Parsons	----	----	----	----	----	----	----	----	----	----	----	----
GMW-13	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-13	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-13	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	04/18/18	BT for Jacobs	<50	88	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/08/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/04/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/10/22	BT for Jacobs	<50	65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	05/04/23	BT for Jacobs	<100	67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-13	11/08/23	BT for Jacobs	<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	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	-----	-----	-----	-----
GMW-14	11/17/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	05/16/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	11/30/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	05/09/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	11/06/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	04/10/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	10/07/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	04/22/04	Secor	59	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	11/02/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	05/06/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	11/01/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	03/08/06	BT for Parsons	520	-----	2.6	<0.50	<0.50	<0.50	0.64	4.0	21	<2	<2	<2
GMW-14	05/02/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	12/07/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	05/04/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-14	11/14/07	Secor	1,500	-----	<2.5	<2.5	34	3.0	<5	<2.5	-----	-----	-----	-----
GMW-14	04/16/08	Secor	440	-----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	-----	-----	-----	-----
GMW-14	07/29/08	BT for Parsons	210	-----	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	18	<2	<2	<2
GMW-14	10/17/08	Stantec	210	-----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	-----	-----	-----	-----
GMW-14	04/23/09	Blaine Tech for AMEC	120	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/22/09	BT for Parsons	130	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-14	04/16/10	BT for Parsons	-----	-----	160	<0.50	2.6	3.0	<0.50	13	15	<2	<2	0.79 J
GMW-14	10/07/10	Blaine Tech	160	-----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-14	04/13/11	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-14	10/12/11	CH2M Hill	58	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/19/12	CH2M Hill	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/17/12	CHHL	<50	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/11/13	CHHL	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	10/10/13	CHHL	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-14	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	16	<1	<1	<1
GMW-14	10/30/14	BT for CH2MHill	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	17	<1.0	<1.0	<1.0
GMW-14R	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1.0	<1.0	<1.0
GMW-14R	10/05/17	BT for CH2MHill	<50	71	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	04/19/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1.0	<1.0	<1.0
GMW-14R	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/11/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/10/21	BT for Jacobs	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-14R	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/12/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	05/20/98	BBC	1,300	-----	3.9	<0.30	7.4	6.4	-----	-----	-----	-----	-----	-----
GMW-15	11/05/98	GTI	512	-----	1.8	<0.30	3.7	1.0	-----	-----	-----	-----	-----	-----
GMW-15	05/27/99	GTI	634	-----	2.5	<0.30	5.3	2.0	-----	-----	-----	-----	-----	-----
GMW-15	11/18/99	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-15	05/16/00	IT Corporation	610	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-15	12/01/00	IT Corporation	450	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-15	05/10/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-15	11/07/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-15	04/10/02	IT Corporation	1,900	-----	1.2	<0.30	1.6	3.8	-----	<5	-----	-----	-----	-----
GMW-15	10/23/02	GTI	840	-----	0.58	<0.30	0.72	1.5	-----	<5	-----	-----	-----	-----
GMW-15	04/10/03	GTI	-----	-----	<1	<1	<1	<2	-----	<3	-----	-----	-----	-----
GMW-15	10/08/03	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-15	04/22/04	BT for Parsons	-----	-----	0.70	<0.30	<0.30	0.47	-----	<5	-----	-----	-----	-----
GMW-15	11/06/04	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-15	05/06/05	BT for Parsons	-----	-----	<0.30	0.47	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-15	11/08/05	BT for Parsons	-----	-----	<0.30	0.31	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-15	05/03/06	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-15	12/08/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-15	05/02/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	1.2	-----	<5	-----	-----	-----	-----
GMW-15	05/02/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-15	11/14/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-15	04/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-15	10/15/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/21/09	BT for Parsons	180	-----	<0.50	<0.50	<0.50	<0.50	-----	5.4	-----	-----	-----	-----
GMW-15	10/20/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	3.1	4.5 J	<2	<2	<2
GMW-15	04/15/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	5.7	<10	<2	<2	<2
GMW-15	10/05/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-15	04/14/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/10/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/19/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/15/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
GMW-15	04/10/13	Parsons	-----	6200 b	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-15	10/08/13	Parsons	350 HD	4,600 HD	<0.50	<0.50	0.19 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	04/16/14	Parsons	250 HD	2,700 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-15	10/30/14	SGI	<100	1,900	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-15	04/28/15	SGI	<100	1,500	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-15	10/23/15	SGI	<100	1,300	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-15	04/14/16	SGI	<100	3,700	0.56	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-15	10/10/16	SGI	<100	2,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-15	04/21/17	SGI	<100	1,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-15	10/05/17	SGI	<100	2,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-15	04/20/18	SGI	<100	3,400	0.97	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-15	11/12/18	SGI	<100	4,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-15	04/19/19	SGI	<100	2,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-15	11/06/19	SGI	<100	1,800	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/11/20	SGI	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15 (DUP)	05/11/20	SGI	<100	310	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	10/23/20	SGI	<100	720	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/07/21	SGI/Apex	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	11/03/21	SGI/Apex	<100	330	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/16/22	SGI/Apex	<100	370	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	11/07/22	SGI/Apex	<100	490	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	05/08/23	SGI/Apex	<100	480	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-15	11/13/23	SGI/Apex	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-6 (GMW-15)	11/13/23	SGI/Apex	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/21/96	GSI	<38	<500	<0.50	<0.50	0.80	<1.5	<0.50	-----	-----	-----	-----	-----
GMW-16	07/09/97	GTI	<50	110	5.7	<5	9.2	7.5	<5	<5	-----	-----	-----	-----
GMW-16	01/06/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-16	05/20/98	BBC	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-16	11/04/98	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-16	05/27/99	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-16	11/18/99	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-16	05/16/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-16	11/29/00	IT Corporation	<300	-----	0.64	1.2	0.85	3.2	-----	<5	-----	-----	-----	-----
GMW-16	05/10/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-16	11/07/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	9.1	-----	-----	-----	-----
GMW-16	04/10/02	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-16	10/23/02	GTI	<300	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-16	04/11/03	GTI	-----	-----	<1	<1	<1	<2	-----	<3	-----	-----	-----	-----
GMW-16	10/08/03	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-16	04/22/04	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-16	11/06/04	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	0.59	-----	<5	-----	-----	-----	-----
GMW-16	05/06/05	BT for Parsons	-----	-----	<0.30	0.58	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-16	11/08/05	BT for Parsons	-----	-----	<0.30	0.48	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-16	05/03/06	BT for Parsons	-----	-----	<0.30	<0.30	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-16	12/06/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-16	05/02/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-16	11/14/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-16	04/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-16	10/15/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/21/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	-----	-----	-----	-----
GMW-16	10/20/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/12/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	<10	<2	<2	<2
GMW-16	10/05/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-16	10/10/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/18/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/15/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/10/13	Parsons	-----	190 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/08/13	Parsons	<100	250 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-16	10/27/14	SGI	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-16	04/24/15	SGI	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-16	04/19/17	SGI	<100	660	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-16)	04/19/17	SGI	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	1.0	<10	<2.0	<2.0	<2.0
GMW-16	10/05/17	SGI	<100	370	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-16	04/18/18	SGI	<100	290	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-16	11/09/18	SGI	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-16	04/18/19	SGI	<100	360	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-16	11/05/19	SGI	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/20	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16 (DUP)	05/07/20	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	10/21/20	SGI	<100	310	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/07/21	SGI/Apex	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (GMW-16)	05/07/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/05/21	SGI/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/11/22	SGI/Apex	<100	170	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/04/22	SGI/Apex	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	05/08/23	SGI/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	11/09/23	SGI/Apex	<100	720	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17	05/10/01	IT Corporation	6,800	-----	52	25	<15	330	-----	<250	-----	-----	-----	-----
GMW-17	10/24/02	GTI	49,000	-----	91	<30	<30	160	-----	<500	-----	-----	-----	-----
GMW-17	04/14/03	GTI	-----	-----	572	5.6	75	367	-----	<15	-----	-----	-----	-----
GMW-17	10/10/03	BT for Parsons	-----	-----	240	1.5	9.5	41	-----	<10	-----	-----	-----	-----
GMW-17	04/22/04	BT for Parsons	-----	-----	540	4.6	24	190	-----	63	-----	-----	-----	-----
GMW-17	11/06/04	BT for Parsons	-----	-----	110	<0.30	2.1	6.1	-----	19	-----	-----	-----	-----
GMW-17	05/10/05	BT for Parsons	-----	-----	7.9	3.6	<1.5	2.6	-----	<25	-----	-----	-----	-----
GMW-17	11/08/05	BT for Parsons	-----	-----	3.7	<0.30	0.37	1.9	-----	7.0	-----	-----	-----	-----
GMW-17	05/05/06	BT for Parsons	-----	-----	3.7	2.2	1.6	4.5	-----	<5	-----	-----	-----	-----
GMW-17	12/08/06	BT for Parsons	-----	-----	34	<0.50	1.9	30	-----	<5	-----	-----	-----	-----
GMW-17	05/03/07	BT for Parsons	-----	-----	9.1	<0.50	0.92	9.0	-----	7.7	-----	-----	-----	-----
GMW-17	11/14/07	BT for Parsons	-----	-----	4.8	<0.50	<0.50	<1	-----	<5	-----	-----	-----	-----
GMW-17	04/18/08	BT for Parsons	-----	-----	5.3	<0.50	0.62	1.4	-----	<5	-----	-----	-----	-----
GMW-17	10/17/08	BT for Parsons	-----	-----	2.6	<0.50	0.57	<0.50	<0.50	<10	<2	<2	<2	<2
GMW-17	04/22/09	BT for Parsons	450	-----	27	<0.50	2.4	<0.50	-----	<0.50	-----	<0.50	<0.50	<0.50
GMW-17	10/20/09	BT for Parsons	-----	-----	0.42 J	<0.50	<0.50	<0.50	<0.50	<0.50	9.5 J	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-17	04/14/10	BT for Parsons	1,200	-----	59	0.34 J	5.5	2.0	-----	<0.50	<10	<2	<2	<2
GMW-17	10/05/10	BT for Parsons	1,200	-----	79	-----	-----	-----	<0.50	<0.50	5.2 J	-----	-----	-----
GMW-17	04/15/11	BT for Parsons	750	-----	13	0.55	4.6	0.82	<0.50	<0.50	<10	<2	<2	<2
GMW-17	10/10/11	Parsons	<1,100	-----	50	<0.77	28	6.5	<0.50	<0.50	<10	<2	<2	<2
GMW-17	04/20/12	Parsons	610	-----	1.2	<0.50	0.18 J	0.71 J	<0.50	<0.50	29	<2	<2	<2
GMW-17	04/12/13	Parsons	1,000 b	6,700	55	1.1	1.2	14	<0.50	<0.50	31	<2	<2	<2
GMW-17	10/09/13	Parsons	680 HD	4,200 HD	16	1.2	1.7	12	<0.50	0.48 J	30	<2	<2	<2
GMW-17	04/18/14	Parsons	1,400 HD	5,700 HD	38	1.9	2.3	21	<0.50	0.42 J	48	<2	<2	<2
GMW-17	10/31/14	SGI	510	2,300	10	1.5	<0.50	2.7	<0.50	<2.0	30	<2.0	<2.0	<2.0
GMW-17	10/31/14	SGI	460	2,200	11	1.5	<0.50	2.7	<0.50	<2.0	17	<2.0	<2.0	<2.0
GMW-17R	10/09/17	SGI	640	1,200	64	<0.50	5.0	2.9	<0.50	2.5	19	<2.0	<2.0	<2.0
GMW-17R	04/20/18	SGI	550	1,600 J	63	0.69	0.78	19.4	<0.50	3.7	<10	<2.0	<2.0	<2.0
GMW-17R	11/12/18	SGI	1,300	1,600	46	<0.50	1.4	41	<0.50	2.6	<10	<2.0	<2.0	<2.0
GMW-17R	04/19/19	SGI	<100	220	<0.50	<0.50	2.7	15	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-17R	10/31/19	SGI	<100	<100	1.3	<0.50	4.7	18.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/07/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	10/20/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-17R)	05/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	11/02/21	SGI/Apex	<100	140	1.7	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/12/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	11/02/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-17R)	11/02/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	05/03/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	11/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	04/14/03	GTI	-----	-----	3,410	3,510	3,070	17,800	-----	<150	-----	-----	-----	-----
GMW-18	10/08/03	BT for Parsons	-----	-----	2,600	120	360	3,100	-----	<1,000	-----	-----	-----	-----
GMW-18	04/21/04	BT for Parsons	-----	-----	2,700	<50	380	4,288	-----	<50	-----	-----	-----	-----
GMW-18	11/04/04	BT for Parsons	-----	-----	1,300	<3	220	2,400	-----	<50	-----	-----	-----	-----
GMW-18	05/06/05	BT for Parsons	-----	-----	1,100	22	140	1,200	-----	<50	-----	-----	-----	-----
GMW-18	11/08/05	BT for Parsons	-----	-----	650	11	17	470	-----	<100	-----	-----	-----	-----
GMW-18	05/04/06	BT for Parsons	-----	-----	200	1.9	15	100	-----	6.9	-----	-----	-----	-----
GMW-18	12/08/06	BT for Parsons	-----	-----	320	<0.50	25	190	-----	11	-----	-----	-----	-----
GMW-18	05/03/07	BT for Parsons	-----	-----	200	<2.5	13	56	-----	<25	-----	-----	-----	-----
GMW-18	11/15/07	BT for Parsons	-----	-----	160	<0.50	4.1	26	-----	5.5	-----	-----	-----	-----
GMW-18	04/17/08	BT for Parsons	-----	-----	180	0.87	13	100	-----	6.7	-----	-----	-----	-----
GMW-18	10/16/08	BT for Parsons	-----	-----	33	<0.50	2.2	11	<0.50	4.7	12	<2	<2	<2
GMW-18	04/23/09	BT for Parsons	880	-----	60	<0.50	1.4	5.0	<0.50	3.0	13	<2	<2	<2
GMW-18	10/20/09	BT for Parsons	-----	-----	15	<0.50	0.55	5.6	<0.50	7.0	13	<2	<2	<2
GMW-18	04/16/10	BT for Parsons	1,500	-----	80	0.84	0.49 J	1.6	-----	7.3	43	<2	<2	<2
GMW-18	04/20/12	Parsons	2,100	-----	67	0.4 J	1.1	5.9	1.7	3.5	57	<2	<2	<2
GMW-18	07/10/12	Parsons	-----	-----	94	0.42 J	0.94	3.9	<0.50	3.9	27	<2	<2	<2
GMW-18	11/03/14	SGI	15,000	230,000	110	0.93	120	338	<0.50	4.2	<10	<2.0	<2.0	<2.0
GMW-18	11/03/14	SGI	37,000	220,000	220	<50	120	440	<50	<200	<1,000	<200	<200	<200
GMW-18	04/21/15	SGI	4,300	300,000	290	<5.0	75	270	<5.0	<20	<100	<20	<20	<20
GMW-18	05/10/19	SGI	<100	1,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-18	05/11/20	SGI	<100	1,600	<0.50	<0.50	0.55	1.9	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-18	10/26/20	SGI	120	380	1.7	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/07/21	SGI/Apex	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-18	11/08/21	SGL/Apex	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/16/22	SGL/Apex	<100	430	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	11/07/22	SGL/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	05/04/23	SGL/Apex	<100	840	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	11/13/23	SGL/Apex	<100	600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	11/27/96	GSI	3,000	<500	85	<2.5	23	<5	----	----	----	----	----	----
GMW-19	07/10/97	GTI	<50	<50	2.5	<1	<1	<2	----	----	----	----	----	----
GMW-19	01/07/98	GTI	<500	<100	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-19	05/21/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-19	11/06/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-19	05/27/99	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-19	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-19	05/17/00	IT Corporation	<300	----	0.47	0.45	<0.30	0.95	----	----	----	----	----	----
GMW-19	12/01/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-19	05/09/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-19	11/08/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-19	04/11/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-19	10/23/02	GTI	<300	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-19	04/14/03	GTI	----	----	<1	<1	<1	<2	----	<3	----	----	----	----
GMW-19	10/10/03	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	15	----	----	----	----
GMW-19	04/21/04	BT for Parsons	----	----	<0.50	<1	<1	<1	----	28	----	----	----	----
GMW-19	11/04/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-19	05/06/05	BT for Parsons	----	----	<0.30	<0.30	<0.30	0.69	----	<5	----	----	----	----
GMW-19	11/08/05	BT for Parsons	----	----	0.52	0.71	0.40	2.0	----	<5	----	----	----	----
GMW-19	05/04/06	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-19	12/08/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-19	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-19	11/15/07	BT for Parsons	----	----	0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-19	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-19	10/16/08	BT for Parsons	----	----	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/23/09	BT for Parsons	----	----	0.70	<0.50	<0.50	<0.50	----	0.67	----	<0.50	<0.50	<0.50
GMW-19	10/20/09	BT for Parsons	----	----	3.8	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GMW-19	04/16/10	BT for Parsons	----	----	130	<0.50	0.66	<0.50	----	21	12	<2	<2	0.52 J
GMW-19	10/08/10	BT for Parsons	----	----	2.4	----	----	----	<0.50	2.7	<10	----	----	----
GMW-19	10/10/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-19	04/18/12	Parsons	----	----	3.8	<0.50	<0.50	<0.50	<0.50	0.88	<10	<2	<2	<2
GMW-19	10/15/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
GMW-19	04/10/13	Parsons	----	----	1200 b	35	0.38 J	<0.50	0.35 J	<0.50	58	22	<2	<2
GMW-19	10/07/13	Parsons	<100	<100	0.81	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
GMW-19	04/14/14	Parsons	<100	<100	2.8	<0.50	<0.50	<0.50	<0.50	0.83	<10	<2	<2	<2
GMW-19	10/28/14	SGL	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-19	10/28/14	SGL	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-19	04/28/15	SGL	490	1,000	90	<0.50	0.50	0.55	<0.50	20	12	<2.0	<2.0	<2.0
GMW-19	10/23/15	SGL	<100	390	9.2	<0.50	<0.50	<1.5	<0.50	17	<10	<2.0	<2.0	<2.0
GMW-19	04/21/17	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-19	10/03/17	SGL	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	1.5	<10	<2.0	<2.0	<2.0
GMW-19	04/18/18	SGL	<100	160	2.2	<0.50	<0.50	<1.5	<0.50	3.4	<10	<2.0	<2.0	<2.0
GMW-19	11/06/18	SGL	220	180	58	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE-2 (GMW-19)	11/06/18	SGL	220	130	45	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-19	04/22/19	SGI	160	200	95	<0.50	<0.50	<1.5	<0.50	2.5	<10	<2.0	<2.0	<2.0
DUPE (GMW-19)	04/22/19	SGI	170	190	94	<0.50	<0.50	<1.5	<0.50	2.5	<10	<2.0	<2.0	<2.0
GMW-19	11/06/19	SGI	<100	<100	1.5	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/06/20	SGI	<100	170	17	<0.50	<0.50	<1.5	<0.50	4.8	<10	<2.0	<2.0	<2.0
GMW-19 (DUP)	05/06/20	SGI	<100	180	18	<0.50	<0.50	<1.5	<0.50	4.8	<10	<2.0	<2.0	<2.0
GMW-19	10/23/20	SGI	<100	140	2.3	<0.50	<0.50	<1.5	<0.50	2.3	<10	<2.0	<2.0	<2.0
GMW-19	05/06/21	SGI/Apex	150	420	52	<0.50	<0.50	<1.5	<0.50	4.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-19)	05/06/21	SGI/Apex	160	390	51	<0.50	<0.50	<1.5	<0.50	4.5	<10	<2.0	<2.0	<2.0
GMW-19	11/08/21	SGI/Apex	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/16/22	SGI/Apex	<100	190	6.4	<0.50	<0.50	<1.0	<0.50	1.2	<10	<2.0	<2.0	<2.0
GMW-19	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	11/08/23	SGI/Apex	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-20	11/27/96	GSI	1,100	<500	<2.5	<2.5	<2.5	<5	<2.5	-----	-----	-----	-----	-----
GMW-20	07/10/97	GTI	160	1,400	<5	<5	<5	<5	<5	<5	-----	-----	-----	-----
GMW-20	01/06/98	GTI	<500	1,100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-20	05/21/98	BBC	400	-----	<0.30	<0.50	<0.50	<0.10	<0.50	<0.50	-----	-----	-----	-----
GMW-20	11/05/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	05/27/99	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	11/18/99	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	05/17/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	11/30/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	-----	-----	-----	-----
GMW-20	05/09/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	04/11/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-20	04/24/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-20	10/20/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-20	10/05/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-20	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-20)	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-21	11/03/14	SGI	1,500	2,500	11	1.6	31	165	<0.50	3.8	24	<2.0	<2.0	<2
GMW-21	04/29/15	SGI	300	2,200	1.1	<0.50	<0.50	<1.5	<0.50	2.7	24	<2.0	<2.0	<2
GMW-21	04/29/15	SGI	300	2,100	1.1	<0.50	<0.50	<1.5	<0.50	3.1	29	<2.0	<2.0	<2.0
GMW-21	04/14/16	SGI	170	1,300	<0.50	<0.50	<0.50	<1.5	<0.50	2.8	<10	<2.0	<2.0	<2.0
GMW-21	10/10/16	SGI	130	2,500	<0.50	<0.50	<0.50	<1.5	<0.50	1.5	<10	<2.0	<2.0	<2.0
GMW-21	04/21/17	SGI	180	3,300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-21	04/23/18	SGI	<100	3,700	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	39	<2.0	<2.0	<2.0
GMW-21	11/12/18	SGI	<100	4,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	11	<2.0	<2.0	<2.0
DUPE-6 (GMW-21)	11/12/18	SGI	<100	4,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	10	<2.0	<2.0	<2.0
GMW-21	04/19/19	SGI	<100	3,000	<0.50	<0.50	<0.50	<1.5	<0.50	1.5	<10	<2.0	<2.0	<2.0
GMW-21	11/06/19	SGI	<100	4,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	21	<2.0	<2.0	<2.0
GMW-21	05/11/20	SGI	<100	470	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	10/23/20	SGI	<100	2,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	05/12/21	SGI/Apex	<100	570	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	11/05/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	05/09/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	11/02/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	05/03/23	SGI/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
DUP (GMW-21)	05/03/23	SGI/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-21	11/09/23	SGI/Apex	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-21)	11/09/23	SGI/Apex	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	11	<2.0	<2.0	<2.0
GMW-22	10/04/10	Blaine Tech	4,100	-----	1,900	<10	55	38	<20	47	1,300	50	<20	<200
GMW-22	10/14/11	CH2M Hill	28,000	-----	13,000	<100	470	200	<200	130	<2,000	<200	<200	<2
GMW-22	04/20/12	CH2M Hill	46,000	1,300	20,000	<100	650	130	<200	140	<2,000	<200	<200	<200
GMW-22	10/18/12	CHHL	32,000	1,300	16,000	120	420	140	<200	180	<2,000	<200	<200	<200
GMW-23	11/08/05	BT for Parsons	-----	-----	<0.30	0.40	<0.30	<0.30	-----	<5	-----	-----	-----	-----
GMW-23	10/31/14	BT for CH2MHill	34,000	53,000	11,000	690	260	2,100	<100	<50	<1,000	<100	<100	<100
GMW-23	04/23/15	BT for CH2MHill	37,000	240,000	2,100	870	490	5,600	<30	<15	360	46	<30	<30
GMW-23	10/06/16	BT for CH2MHill	130	6,100	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	14	4.8	<1.0	<1.0
GMW-23	10/06/17	BT for CH2MHill	230	17,000	<0.50	<0.50	1.3	1.4	<0.50	<0.50	48	9.6	<1.0	<200
GMW-23	04/18/19	BT for Jacobs	3,100	40,000	<1	<1	9.4	27	<2	<1	770	46	<2	<2
GMW-23	11/01/19	BT for Jacobs	130	47,000	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	320	32	<1.0	<1.0
GMW-24	04/29/11	Blaine Tech	70,000	-----	19,000	830	1,700	4,200	<200	530	<2,000	<200	<200	<200
GMW-24	10/13/11	CH2M Hill	58,000	-----	23,000	2,400	890	2,600	<200	490	<2,000	<200	<200	<1.0
GMW-25	10/08/10	Blaine Tech	15,000	-----	6,900	<50	70	<50	<100	92	<1,000	<100	<100	<100
GMW-25	04/14/11	Blaine Tech	12,000	-----	6,800	<25	<25	<25	<50	36	<500	<50	<50	<50
GMW-25	10/13/11	CH2M Hill	<20,000	-----	9,700	<100	220	<100	<200	<100	<2,000	<200	<200	<200
GMW-25	10/06/16	BT for CH2MHill	70	780	<0.50	<0.50	<0.50	1.1	0.88	0.50	18	1.2	<1.0	<1.0
GMW-25	04/20/17	BT for CH2MHill	<500	3,700	<2.5	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-25	10/05/17	BT for CH2MHill	400	11,000	<0.50	<0.50	<0.50	<0.50	1.0	0.64	23	1.5	<1.0	<1.0
GMW-25	04/19/18	BT for Jacobs	950	14,000	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	11	<1	<1	<1
GMW-25	11/09/18	BT for Jacobs	81	4,300	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<10	<1.0	<1.0	<1.0
GMW-25	04/19/19	BT for Jacobs	170	4,100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-25	11/01/19	BT for Jacobs	98	2,600	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	05/11/20	BT for Jacobs	56	4,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-25	11/06/20	BT for Jacobs	<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	BT for Jacobs	<50	1,100	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1.0	<1.0	<1.0
GMW-25	11/03/21	BT for Jacobs	64	3,100	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	<10	<1.0	<1.0	<1.0
GMW-25	05/13/22	BT for Jacobs	<50	970	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
GMW-25	11/03/22	BT for Jacobs	<50	340	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	1.5	<1.0	<1.0
GMW-25	05/04/23	BT for Jacobs	<200	1,300	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-25	11/10/23	BT for Jacobs	<200	210	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	3.0	<2.0	<2.0
GMW-26	11/27/96	Terra Services	-----	-----	46	2.7	18	8.8	110	950	-----	-----	-----	-----
GMW-26	07/10/97	Terra Services	430	<500	100	2.1	6.9	5.9	67	760	-----	-----	-----	-----
GMW-26	01/08/98	Terra Services	200	<500	23	11	5.0	<15	64	1,200	-----	-----	-----	-----
GMW-26	05/22/98	Terra Services	500	-----	<0.30	<0.50	<0.50	<0.10	260	460	-----	-----	-----	-----
GMW-26	11/17/98	Alton Geoscience	1,810	-----	310	<5	8.0	<5	3,460	-----	-----	-----	-----	-----
GMW-26	05/07/99	Alton Geoscience	2,300	<500	490	26	70	140	<5	6,100	-----	-----	-----	-----
GMW-26	11/19/99	Secor	6,700	-----	3,700	160	42	530	<25	8,500	-----	-----	-----	-----
GMW-26	05/16/00	Secor	2,000	-----	1.9	<0.50	<0.50	<0.50	0.80	82	-----	-----	-----	-----
GMW-26	11/30/00	Secor	780	-----	<0.50	<0.50	<0.50	<0.50	3.1	17	-----	-----	-----	-----
GMW-26	05/08/01	Secor	300	-----	<0.50	<0.50	<0.50	<0.50	13	390	-----	-----	-----	-----
GMW-26	11/06/01	Secor	<300	-----	0.70	<0.50	<0.50	<0.50	75	130	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-26	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	57	130	----	----	----	----
GMW-26	07/07/03	Geomatrix	----	----	<0.50	<1	<1	<1	1.2	61	----	----	----	----
GMW-26	04/27/04	Geomatrix	63	----	<0.50	<0.50	<0.50	<0.50	16	59	----	----	----	----
GMW-26	07/08/04	Geomatrix	62	----	<0.50	<0.50	<0.50	<0.50	17	27	----	----	----	----
GMW-26	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	1.3	<1.0	<1.0
GMW-26	10/26/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.80	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	04/14/16	BT for CH2MHill	<50	76	<0.50	<0.50	<0.50	<0.50	1.1	0.72	<10	1.4	<1.0	<1.0
GMW-26	10/06/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	2.3	0.64	<10	2.0	<1.0	<1.0
GMW-26	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	10/05/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	12	2.6	<1.0	<1.0
GMW-26	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	2.2	<1	<1
GMW-26	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.5	28	7.4	<1	<1
GMW-26	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/06/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.95	<0.50	<10	2.0	<1.0	<1.0
GMW-26	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.91	<0.5	25	2.5	<1.0	<1.0
GMW-26	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<1.0	<1.0	<1.0
GMW-27	05/27/98	Terra Services	2,800	----	940	6.0	4.0	11	76	1,570	----	----	----	----
GMW-27	11/17/98	Alton Geoscience	4,220	----	3,200	<50	<50	<50	<50	530	----	----	----	----
GMW-27	05/07/99	Alton Geoscience	6,300	<500	3,600	16	11	<10	<25	720	----	----	----	----
GMW-27	11/18/99	Secor	3,300	----	1,100	<25	<25	<25	<25	1,000	----	----	----	----
GMW-27	05/16/00	Secor	5,500	----	2,600	<25	25	34	<25	1,800	----	----	----	----
GMW-27	11/30/00	Secor	4,900	----	2,100	<25	<25	<25	<25	1,600	----	----	----	----
GMW-27	05/08/01	Secor	5,300	----	2,600	<25	<25	<25	<25	2,200	----	----	----	----
GMW-27	11/06/01	Secor	4,100	----	1,600	6.4	6.7	28	<0.50	1,900	----	----	----	----
GMW-27	04/09/02	Secor	4,900	----	2,300	<10	15	<10	<10	1,800	----	----	----	----
GMW-27	10/23/02	Secor	590	----	1,800	13	<10	13	<10	1,400	----	----	----	----
GMW-27	04/08/03	Secor	4,600	----	2,700	<15	<15	17	<30	2,000	----	----	----	----
GMW-27	10/07/03	Secor	10,000	----	4,400	<20	47	120	<40	1,800	----	----	----	----
GMW-27	01/27/04	Secor	8,100	----	3,600	19	29	115	<30	1,500	----	----	----	----
GMW-27	04/21/04	Secor	13,000	----	6,200	<25	51	<25	<50	2,500	----	----	----	----
GMW-27	07/08/04	Geomatrix	1,900	----	260	<2.5	<2.5	<2.5	<5	790	----	----	----	----
GMW-27	11/03/04	Secor	21,000	----	8,800	<50	53	170	<100	700	----	----	----	----
GMW-27	05/06/05	Secor	1,100	----	440	<2.5	<2.5	4.3	<5	42	----	----	----	----
GMW-27	11/03/05	Secor	4,100	----	2,000	<10	<10	17	<20	250	----	----	----	----
GMW-27	05/09/06	Secor	5,500	----	2,800	<15	22	<15	<30	180	----	----	----	----
GMW-27	12/06/06	Secor	12,000	----	6,400	<50	120	<50	<100	210	----	----	----	----
GMW-27	05/02/07	Secor	13,000	----	7,400	<50	<50	<50	<100	230	----	----	----	----
GMW-27	11/13/07	Secor	11,000	----	6,000	<25	<25	<25	<50	57	----	----	----	----
GMW-27	04/18/08	Secor	380	----	130	<1.5	<1.5	<1.5	<3	21	----	----	----	----
GMW-27	08/14/08	Secor	1,000	----	280	<1.5	1.5	1.6	<3	17	----	----	----	----
GMW-27	11/21/08	Stantec	3,100	----	1,100	<10	<10	<10	<20	26	----	----	----	----
GMW-27	04/20/09	Blaine Tech for AMEC	100	----	1.8	<0.50	<0.50	<0.50	<0.50	4.2	450	10	<1	<1
GMW-27	10/22/09	BT for Parsons	130	----	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	830	17	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-27	05/27/10	Blaine Tech	95	-----	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	<10	10	<1	<1
GMW-27	10/07/10	Blaine Tech	130	-----	1.9	<0.50	<0.50	<0.50	<0.50	6.2	900	17	<1	<1
GMW-27	04/13/11	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<1	0.91	480	12	<1	<1
GMW-27	10/12/11	CH2M Hill	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	300	6.0	<1	<1
GMW-27	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	380	6.8	<1	<1
GMW-27	10/18/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	300	5.0	<1	<1
GMW-27	04/11/13	CHHL	<100	<50	<0.50	<0.50	<0.50	<0.50	<1	0.57	380	7.8	<1	<1
GMW-27	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	570	9.3	<1	<1
GMW-27	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	460	6.9	<1	<1
GMW-27	10/30/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	260	6.7	<1.0	<1.0
GMW-27	10/30/14	BT for CH2MHill	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	340	6.4	<1.0	<1.0
GMW-28	05/07/99	Alton Geoscience	43,000	<500	22,000	780	1,400	3,000	<130	1,900	-----	-----	-----	-----
GMW-28	05/17/00	Secor	19,000	-----	9,600	<50	370	160	<50	1,300	-----	-----	-----	-----
GMW-28	11/28/00	Secor	26,000	-----	13,000	53	650	1,139	<0.50	1,600	-----	-----	-----	-----
GMW-28	05/08/01	Secor	30,000	-----	15,000	190	660	310	<5	4,000	-----	-----	-----	-----
GMW-28	11/06/01	Secor	20,000	-----	14,000	51	460	241	<0.50	3,200	-----	-----	-----	-----
GMW-28	04/09/02	Secor	24,000	-----	9,100	79	320	110	<50	1,200	-----	-----	-----	-----
GMW-28	07/07/03	Geomatrix	-----	-----	18,000	140	800	450	<50	530	-----	-----	-----	-----
GMW-28	04/28/04	Geomatrix	40,000	-----	22,000	180	1,200	570	<200	280	-----	-----	-----	-----
GMW-28	07/08/04	Geomatrix	46,000	-----	20,000	120	1,000	560	<200	280	-----	-----	-----	-----
GMW-28	10/31/14	BT for CH2MHill	330	170	23	<0.50	<0.50	<0.50	<0.50	82	38	26	<1.0	<1.0
GMW-28	04/21/15	BT for CH2MHill	1,200	120	670	<5.0	<5.0	<5.0	<10	100	<100	25	<10	<10
GMW-28	10/26/15	BT for CH2MHill	280	360	3.3	<0.50	<0.50	2.7	<0.50	73	20	18	<1.0	<1.0
GMW-28	04/15/16	BT for CH2MHill	600	89	370	<2	4.5	<2	<4	25	<40	8.6	<4	<4
GMW-28	10/06/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	46	19	<1.0	<1.0
GMW-28	04/19/17	BT for CH2MHill	<50	<100	0.69	<0.50	<0.50	<0.50	<0.50	4.8	32	5.2	<1.0	<1.0
GMW-28	10/05/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	110	24	<1.0	<1.0
GMW-28	04/19/18	BT for Jacobs	60	120	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	360	42	<1	<1
GMW-28	11/09/18	BT for Jacobs	83	<50	0.72	<0.50	<0.50	<0.50	<0.50	1.1	270	40	<1.0	2.7
GMW-28	04/18/19	BT for Jacobs	58	86	<0.50	<0.50	<0.50	<0.50	0.88	1.5	460	37	<1	<1
GMW-28	11/01/19	BT for Jacobs	87	390	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	500	41	<1.0	<1.0
GMW-28	05/07/20	BT for Jacobs	<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	BT for Jacobs	<50	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31	2.5	<1.0	<1.0
GMW-28	05/06/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	1.8	<1.0	<1.0
GMW-28	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1.0	<1.0	<1.0
GMW-28	05/12/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
GMW-28	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	2.0	<1.0	<1.0
GMW-28	05/03/23	BT for Jacobs	< 50	50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	16	<1.0	<1.0
GMW-28	11/09/23	BT for Jacobs	<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	Secor	1,600	-----	170	97	8.0	300	<0.50	54	-----	-----	-----	-----
GMW-29	05/08/01	Secor	2,200	-----	1,300	59	21	30	<0.50	<0.50	-----	-----	-----	-----
GMW-29	04/09/02	Secor	13,000	-----	5,400	4,500	240	1,120	<1	34	-----	-----	-----	-----
GMW-29	07/08/03	Geomatrix	-----	-----	4,100	670	410	880	<25	<50	-----	-----	-----	-----
GMW-29	04/28/04	Geomatrix	40,000	-----	8,700	6,000	910	2,800	<200	<100	-----	-----	-----	-----
GMW-29	07/08/04	Geomatrix	45,000	-----	8,900	6,500	900	4,000	<100	<50	-----	-----	-----	-----
GMW-30	04/15/16	BT for CH2MHill	14,000	2,400	3,600	16	85	860	<30	<15	<300	<30	<30	<30
GMW-30	10/07/16	BT for CH2MHill	360	3,600	24	0.60	2.6	3.0	1.2	2.3	27	6.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-30	10/06/17	BT for CH2MHill	280	3,500	28	<0.50	1.7	4.6	<0.50	1.2	28	4.9	<1.0	<1.0
GMW-30	04/20/18	BT for Jacobs	230	1,300	7.0	<0.50	<0.50	10	<0.50	1.3	45	8.8	<1	<1
GMW-30	04/19/19	BT for Jacobs	99	4,000	2.5	<0.50	<0.50	<0.50	<0.50	0.86	31	7.9	<1	<1
GMW-30	11/01/19	BT for Jacobs	<50	1,300	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	20	6.2	<1.0	<1.0
GMW-30	05/11/20	BT for Jacobs	<100	1,700	3.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	1.3	<1.0	<1.0
GMW-30	11/06/20	BT for Jacobs	<50	1,100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-31	11/27/96	GSI	1,100	<500	<2.5	<2.5	<2.5	<5	----	----	----	----	----	----
GMW-31	07/10/97	GTI	55	550	2.0	<1	<1	<2	----	----	----	----	----	----
GMW-31	01/07/98	GTI	<500	<100	1.6	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-31	05/21/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-31	11/06/98	GTI	<300	----	4.8	<0.30	3.5	<0.60	----	----	----	----	----	----
GMW-31	05/27/99	GTI	<300	----	<0.30	<0.30	0.52	<0.60	----	----	----	----	----	----
GMW-31	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-31	05/17/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-31	12/01/00	IT Corporation	530	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-31	05/10/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-31	11/07/01	IT Corporation	<300	----	0.80	0.49	<0.30	<0.60	----	9.9	----	----	----	----
GMW-31	04/10/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-31	10/24/02	GTI	<300	----	<0.30	0.49	<0.30	<0.30	----	<5	----	----	----	----
GMW-31	04/14/03	GTI	----	----	<1	<1	<1	<2	----	<3	----	----	----	----
GMW-31	10/10/03	BT for Parsons	----	----	0.39	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-31	04/22/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-31	11/06/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-31	05/07/05	BT for Parsons	----	----	<0.30	0.64	<0.30	<0.30	----	<5	----	----	----	----
GMW-31	11/08/05	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-31	05/05/06	BT for Parsons	----	----	<0.30	0.79	0.50	2.4	----	<5	----	----	----	----
GMW-31	12/08/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-31	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-31	11/14/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-31	04/18/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-31	10/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2	<2
GMW-31	04/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<0.50
GMW-31	10/20/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<2	<2	<2
GMW-31	04/14/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	4.6 J	<2	<2	<2
GMW-31	10/08/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	6.5 J	----	----	----
GMW-31	04/11/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/10/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/08/13	Parsons	----	120 b	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GMW-31	10/07/13	Parsons	<100	210 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	04/14/14	Parsons	<100	170 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-31	10/29/14	SGI	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-31	04/28/15	SGI	<100	340	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-31	04/20/17	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-5 (GMW-31)	04/20/17	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-31	10/05/17	SGI	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-31	04/19/18	SGI	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-31	11/08/18	SGI	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-31	04/17/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-31	10/29/19	SGL	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/06/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	10/20/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-31)	10/20/20	SGL	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/06/21	SGL/Apex	<100	290	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	11/05/21	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/12/22	SGL/Apex	<100	170	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	11/04/22	SGL/Apex	<100	10,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (GMW-31)	11/04/22	SGL/Apex	<100	15,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	05/09/23	SGL/Apex	<100	400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-31	11/13/23	SGL/Apex	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-32	11/27/96	GSI	430	<500	13	<0.50	25	<1	----	----	----	----	----	----
GMW-32	07/10/97	GTI	63	1,800	1.7	<1	<1	<2	----	----	----	----	----	----
GMW-32	01/06/98	GTI	<500	<100	0.40	<0.30	0.70	<0.60	----	----	----	----	----	----
GMW-32	05/21/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-32	11/05/98	GTI	<300	----	<0.30	<0.30	0.62	<0.60	----	----	----	----	----	----
GMW-32	11/06/98	GTI	----	----	----	----	----	----	----	----	----	----	----	----
GMW-32	05/27/99	GTI	<300	----	3.1	<0.30	5.0	1.4	----	----	----	----	----	----
GMW-32	11/18/99	IT Corporation	<300	----	4.3	<0.30	6.9	1.2	----	----	----	----	----	----
GMW-32	05/17/00	IT Corporation	500	----	8.0	3.4	16	14	----	----	----	----	----	----
GMW-32	11/30/00	IT Corporation	330	----	<0.30	<0.30	4.2	<0.60	----	<5	----	----	----	----
GMW-32	05/09/01	IT Corporation	1,000	----	4.7	<0.30	1.2	2.8	----	<5	----	----	----	----
GMW-32	11/07/01	IT Corporation	660	----	4.2	0.63	5.7	2.0	----	<5	----	----	----	----
GMW-32	02/01/02	Secor	----	----	0.89	<0.50	0.53	0.69	<0.50	0.77	----	----	----	----
GMW-32	04/11/02	IT Corporation	<300	----	1.5	<0.30	7.2	<0.60	----	<5	----	----	----	----
GMW-32	10/23/02	GTI	<300	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-32	04/09/03	GTI	----	----	<1	1.2	<1	<2	----	<3	----	----	----	----
GMW-32	10/10/03	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-32	04/21/04	BT for Parsons	----	----	0.52	<1	<1	<1	----	<1	----	----	----	----
GMW-32	11/04/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-32	05/06/05	BT for Parsons	----	----	0.31	0.64	<0.30	0.76	----	<5	----	----	----	----
GMW-32	11/08/05	BT for Parsons	----	----	<0.30	0.41	<0.30	0.70	----	<5	----	----	----	----
GMW-32	05/04/06	BT for Parsons	----	----	0.46	0.39	0.62	1.4	----	<5	----	----	----	----
GMW-32	12/08/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-32	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-32	11/16/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-32	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-32	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/24/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/20/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/16/10	BT for Parsons	----	----	<0.50	<0.50	0.41 J	<0.50	----	<0.50	<10	<2	<2	<2
GMW-32	10/07/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-32	04/14/11	BT for Parsons	----	----	<0.50	<0.50	0.25 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/12/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/19/12	Parsons	----	----	<0.50	<0.50	<0.50	0.26 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/19/12	Parsons	----	----	0.2 J	<0.50	0.14 J	0.32	<0.50	<0.50	<10	<2	<2	<2
GMW-32	04/10/13	Parsons	----	1,300 b	<0.50	<0.50	<0.50	0.3 J	<0.50	<0.50	<10	<2	<2	<2
GMW-32	10/08/13	Parsons	<100	1,200 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.3 J	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-32	04/16/14	Parsons	440 HD	1,500 HD	<0.50	<0.50	0.41 J	0.80	<0.50	0.67	17	<2	<2	<2
GMW-32	10/30/14	SGL	290	1,500	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	13	<2.0	<2.0	<2.0
GMW-33	11/21/96	GSI	<38	<500	<0.50	<0.50	<0.50	<1.5	<0.50	----	----	----	----	----
GMW-33	07/10/97	GTI	<50	700	<5	<5	<5	<5	<5	<5	----	----	----	----
GMW-33	01/06/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-33	05/20/98	BBC	<300	----	<0.30	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-33	11/05/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	05/27/99	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	05/17/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	05/09/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	02/01/02	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-33	04/11/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	----	----	----	----
GMW-34	11/18/99	IT Corporation	9,500	----	30	3.5	8.3	81	<0.50	24	----	----	----	----
GMW-34	05/17/00	IT Corporation	740	----	<0.50	<0.50	1.5	11	<0.50	30	----	----	----	----
GMW-34	12/01/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	10	----	----	----	----
GMW-34	05/10/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	----	----	----	----
GMW-34	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	----	----	----	----
GMW-34	04/12/02	IT Corporation	960	----	240	1.4	33	81	<0.50	2.5	----	----	----	----
GMW-35	05/09/01	IT Corporation	20,000	----	1,300	11	580	4,100	<10	<10	----	----	----	----
GMW-35	04/10/03	GTI	----	----	65	31	109	159	----	<3	----	----	----	----
GMW-35	10/10/03	BT for Parsons	----	----	100	<15	120	650	----	<250	----	----	----	----
GMW-35	04/21/04	BT for Parsons	----	----	110	<1	45	7.3	----	1.5	----	----	----	----
GMW-35	11/04/04	BT for Parsons	----	----	62	<3	13	28	----	<50	----	----	----	----
GMW-35	05/05/05	BT for Parsons	----	----	10	1.4	33	22	----	<10	----	----	----	----
GMW-35	11/05/05	BT for Parsons	----	----	9.1	2.2	31	17	----	<25	----	----	----	----
GMW-35	05/03/06	BT for Parsons	----	----	7.9	2.9	20	12	----	<5	----	----	----	----
GMW-35	12/08/06	BT for Parsons	----	----	14	<0.50	9.0	6.9	----	<5	----	----	----	----
GMW-35	05/04/07	BT for Parsons	----	----	21	0.86	1.3	5.3	----	6.1	----	----	----	----
GMW-35	11/15/07	BT for Parsons	----	----	26	<0.50	<0.50	<1	----	7.7	----	----	----	----
GMW-35	04/17/08	BT for Parsons	----	----	18	<0.50	1.8	2.5	----	<5	----	----	----	----
GMW-35	04/24/09	BT for Parsons	----	----	63	<5	<5	<5	----	210	----	<5	<5	<5
GMW-35	04/16/10	BT for Parsons	----	----	180	0.88 J	1.5	0.70	----	13	2,200	<4	<4	<4
GMW-35R	10/09/17	SGL	160	1,400	9.4	<0.50	<0.50	<1.5	<0.50	5.0	770	<2.0	<2.0	<2.0
GMW-35R	04/23/18	SGL	160	1,100	16	<0.50	<0.50	<1.5	<0.50	2.9	360	<2.0	<2.0	<2.0
DUP-6 (GMW-35R)	04/23/18	SGL	110 J	1,100	16	<0.50	<0.50	<1.5	<0.50	2.6	280	<2.0	<2.0	<2.0
GMW-35R	11/12/18	SGL	450	2,100	48	<0.50	<0.50	0.67	<0.50	2.3	260	<2.0	<2.0	<2.0
GMW-35R	04/22/19	SGL	190	1,300	<2.5	<2.5	<2.5	<7.5	<2.5	<5.0	600	<10	<10	<10
GMW-35R	11/06/19	SGL	220	1,200	11	<1.0	<1.0	<3.0	<1.0	6.3	720	<4.0	<4.0	<4.0
GMW-35R	05/11/20	SGL	1,200	2,100	120	<1.0	2.7	<3.0	<1.0	14	760	<4.0	<4.0	<4.0
GMW-35R	10/26/20	SGL	730	1,500	20	<1.0	<1.0	<3.0	<1.0	8.9	730	<4.0	<4.0	<4.0
GMW-35R	05/10/21	SGL/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	11/04/21	SGL/Apex	460	1,300	61	<0.50	<0.50	<1.5	<0.50	<1.2	120	<2.0	<2.0	<2.0
GMW-35R	05/19/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	11/01/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-35R	05/04/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP (GMW-35R)	05/04/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	11/07/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-36	07/10/97	Terra Services	430	<500	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-36	01/09/98	Terra Services	4,000	4,300	22	21	6.1	100	<5	7,700	-----	-----	-----	-----
GMW-36	05/20/98	Terra Services	1,400	-----	<0.30	<0.30	<10	<20	<0.50	19,600	-----	-----	-----	-----
GMW-36	11/17/98	Alton Geoscience	7,900	-----	2,100	1,370	70	650	<50	34,800	-----	-----	-----	-----
GMW-36	05/07/99	Alton Geoscience	2,800	<500	<10	<10	<10	<10	<25	14,000	-----	-----	-----	-----
GMW-36	11/18/99	Secor	51,000	-----	8,100	5,600	<250	1,770	<250	47,000	-----	-----	-----	-----
GMW-36	05/17/00	Secor	59,000	-----	14,000	6,700	480	4,100	<130	45,000	-----	-----	-----	-----
GMW-36	11/30/00	Secor	110,000	-----	20,000	19,000	1,600	8,100	<0.50	13,000	-----	-----	-----	-----
GMW-36	02/06/01	Secor	75,000	-----	18,000	13,000	1,400	6,100	<50	9,100	-----	-----	-----	-----
GMW-36	05/10/01	Secor	12,000	-----	3,700	2,500	420	1,730	<0.50	1,600	-----	-----	-----	-----
GMW-36	09/19/01	Secor	21,000	-----	5,800	3,600	580	2,080	<13	1,000	-----	-----	-----	-----
GMW-36	11/06/01	Secor	63,000	-----	16,000	13,000	1,600	7,700	<25	3,200	-----	-----	-----	-----
GMW-36	01/30/02	Secor	130,000	-----	21,000	20,000	1,700	9,000	<125	42,000	-----	-----	-----	-----
GMW-36	04/10/02	Secor	150,000	-----	25,000	22,000	1,800	10,000	<50	67,000	-----	-----	-----	-----
GMW-36	07/30/02	IT Corporation	81,000	-----	28,000	29,000	2,200	11,800	<50	37,000	-----	-----	-----	-----
GMW-36	12/06/06	Secor	32,000	-----	5,300	4,300	480	4,300	<50	1,600	-----	-----	-----	-----
GMW-36	03/13/07	Secor	54,000	-----	9,400	12,000	1,100	8,200	<200	3,800	-----	-----	-----	-----
GMW-36	05/05/07	Secor	69,000	-----	9,800	11,000	1,200	8,000	<200	3,900	-----	-----	-----	-----
GMW-36	08/29/07	Secor	30,000	-----	4,100	4,200	420	4,500	120	890	-----	-----	-----	-----
GMW-36	02/20/08	Secor	34,000	-----	3,900	6,000	750	4,600	<50	43	-----	-----	-----	-----
GMW-36	04/16/08	Secor	42,000	-----	5,200	8,300	940	6,200	<200	<100	-----	-----	-----	-----
GMW-36	10/16/08	Stantec	17,000	-----	2,100	2,000	160	2,300	<20	26	-----	-----	-----	-----
GMW-36	07/22/09	BT for Parsons	24,000	-----	3,800	5,400	720	3,380	<50	28	<500	<50	<50	<50
GMW-36	03/16/10	BT for Parsons	8,000	-----	830	1,100	140	700	<10	16	690	<10	<10	<10
GMW-36	04/16/10	BT for Parsons	4,200	-----	850	150	89	200	<5	11	3,700	<5	<5	<5
GMW-36	07/13/10	BT for Parsons	500	-----	49	51	4.9	43	<0.50	0.91	340	<1	<1	<1
GMW-36	08/12/10	BT for Parsons	9,200	-----	1,400	1,100	52	980	<10	18	1,600	<10	<10	<10
GMW-36	09/20/10	BT for Parsons	3,300	-----	130	18	36	120	<1	130	13,000	<1	<1	1.6
GMW-36	10/05/10	BT for Parsons	15,000	-----	2,500	1,300	390	1,200	<20	30	1,300	<20	<20	<20
GMW-36	11/23/10	BT for Parsons	31,000	-----	5,100	3,400	890	2,600	<40	51	470	<40	<40	<40
GMW-36	12/22/10	BT for Parsons	63,000	-----	6,700	9,600	1,700	5,600	<50	28	<500	<50	<50	<50
GMW-36	01/12/11	BT for Parsons	320,000	-----	4,600	2,900	1,400	9,200	<200	<100	<2,000	<200	<200	<200
GMW-36	02/24/11	BT for Parsons	1,600	-----	110	77	19	130	<1	2.5	2,200	<1	<1	<1
GMW-36	03/23/11	BT for Parsons	3,200	-----	360	340	28	240	<3	7.6	2,400	<3	<3	<3
GMW-36	04/29/11	BT for Parsons	1,500	-----	75	67	6.8	113	<0.50	3.3	1,700	<1	<1	<1
GMW-36	05/13/11	BT for Parsons	13,000	-----	2,300	2,100	93	1,640	<20	43	<200	<20	<20	<20
GMW-36	06/22/11	BT for Parsons	420	-----	24	12	2.8	29	<0.50	110	5,900	<1	<1	<1
GMW-36	07/29/11	CH2M Hill	7,300	-----	560	570	61	990	<10	350	4,600	<10	<10	<10
GMW-36	08/19/11	CH2M Hill	13,000	-----	570	1,100	250	1,900	<20	260	9,000	<20	<20	<20
GMW-36	09/22/11	CH2M Hill	5,200	-----	490	240	52	470	<5	660	7,400	<5	<5	17
GMW-36	10/13/11	CH2M Hill	22,000	-----	610	490	430	2,200	<20	250	3,700	<20	<20	43
GMW-36	11/23/11	CH2M Hill	630	-----	17	<2.5	<2.5	14	<5	110	6,000	<5	<5	<5
GMW-36	12/21/11	CH2M Hill	700	-----	59	55	14	65	<0.50	2.1	340	<1	<1	<1
GMW-36	01/10/12	CH2M Hill	380	-----	78	1.6	5.1	13	<0.50	94	4,900	<1	<1	1.3
GMW-36	02/23/12	CH2M HILL	45,000	-----	5,600	8,900	1,700	6,600	<200	<100	<2,000	<200	<200	<200
GMW-36	03/28/12	CH2M HILL	220	400	3.5	4.1	1.2	6.3	<0.50	1.5	130	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GMW-36	04/27/12	CH2M Hill	1,300	710	43	<0.50	2.5	35	<1	64	4,200	<1	<1	1.2
GMW-36	05/25/12	CH2M HILL	280	440	<0.50	<0.50	<0.50	1.5	<1	14	6,200	<1	<1	<1
GMW-36	06/15/12	CH2M HILL	460	380	17	4.1	5.5	50	<1	12	780	<1	<1	<1
GMW-36	07/11/12	CHHL	5,100	12,000	<2.5	6.8	39	300	<5	<2.5	140	<5	<5	<5
GMW-36	09/26/12	CHHL	14,000	6,600	35	11	<2.5	230	<5	17	100	<5	<5	<5
GMW-36	10/18/12	CHHL	8,800	12,000	350	33	28	490	<5	70	100	<5	<5	<5
GMW-36	11/29/12	CHHL	8,400	6,600	520	550	66	490	<10	190	<100	<10	<10	<10
GMW-36	04/12/13	CHHL	560,000	19,000	7,400	20,000	8,900	50,000	<400	270	<4,000	<400	<400	<400
GMW-36	10/11/13	CHHL	120,000	130,000	9,600	18,000	3,400	18,000	<200	380	<2,000	<200	<200	<200
GMW-36	10/28/15	BT for CH2MHill	19,000	16,000 HD	2,300	82	500	2,700	<20	1,500	710	<20	<20	<20
GMW-36	04/15/16	BT for CH2MHill	16,000	13,000	660	<10	170	1,700	<20	540	1,400	<20	<20	<20
GMW-36	04/19/17	BT for CH2MHill	6,900	4,000	1,500	<10	140	<10	<0.50	1,900	7,800	<20	<20	36
GMW-36	10/05/17	BT for CH2MHill	630	340	48	1.3	25	14	1.8	27	2,500	<1.0	<1.0	1.8
GMW-36	04/20/18	BT for Jacobs	68	95	1.8	<0.50	0.51	4.9	<0.50	<0.50	210	<1	<1	<1
GMW-36	11/08/18	BT for Jacobs	160	2,100	0.64	<0.50	<0.50	<0.50	<0.50	1.6	3,000	<1.0	<1.0	<1.0
GMW-36	04/23/19	BT for Jacobs	560	18,000	26	<2.5	<2.5	<2.5	<5	9.7	2,200	<5	<5	<5
GMW-36	05/08/20	BT for Jacobs	<200	1,000	3.8	<1.0	<1.0	<1.0	<2.0	6.3	8,300	<2.0	<2.0	<2.0
GMW-36	05/06/21	BT for Jacobs	<50	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	25	<1.0	<1.0	<1.0
GMW-36	11/02/21	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-36	05/12/22	BT for Jacobs	<50	100	<0.50	0.53	<0.50	3.5	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-36	11/03/22	BT for Jacobs	<50	<50	0.99	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-36	05/02/23	BT for Jacobs	<200	120	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-36	11/07/23	BT for Jacobs	<2,000	1,700	<10	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-37	11/25/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-37	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	----	----	----	----
GMW-37	01/06/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-37	05/26/98	Terra Services	<300	----	<0.30	<0.30	<0.50	0.60	<0.50	<0.50	----	----	----	----
GMW-37	11/11/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	11	----	----	----	----
GMW-37	05/07/99	Alton Geoscience	<500	<500	1.1	4.5	<0.50	1.9	<1	14	----	----	----	----
GMW-37	11/18/99	Secor	<416	----	<0.50	<0.50	<0.50	<0.50	<0.50	16	----	----	----	----
GMW-37	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	16	----	----	----	----
GMW-37	11/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	34	----	----	----	----
GMW-37	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	54	----	----	----	----
GMW-37	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	11	----	----	----	----
GMW-37	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	49	----	----	----	----
GMW-37	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	----	----	----	----
GMW-37	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	----	----	----	----
GMW-37	10/22/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	49	----	----	----	----
GMW-37	01/29/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	----	----	----	----
GMW-37	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.86	----	----	----	----
GMW-37	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	10/06/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.3	----	----	----	----
GMW-37	01/27/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	07/19/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	----	----	----	----
GMW-37	11/02/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-37	08/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	09/18/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	04/16/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	10/14/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-37	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/19/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	05/26/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/06/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/12/11	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	11/09/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-37	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	05/08/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	05/04/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-37	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/26/96	Terra Services	----	----	1.8	<0.50	<0.50	<1.5	<0.50	7.7	----	----	----	----
GMW-38	07/10/97	Terra Services	<100	<500	<0.50	2.0	<0.50	0.83	<0.50	<5	----	----	----	----
GMW-38	01/05/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-38	05/21/98	Terra Services	<300	----	<0.30	<0.50	<0.50	<1	<0.50	1.2	----	----	----	----
GMW-38	11/12/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	25	----	----	----	----
GMW-38	05/07/99	Alton Geoscience	<500	<500	<0.50	1.5	<0.50	<0.50	<1	7.9	----	----	----	----
GMW-38	11/18/99	Secor	<416	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	----	----	----	----
GMW-38	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	11/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	----	----	----	----
GMW-38	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	----	----	----	----
GMW-38	02/01/02	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-38	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	10/23/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	01/29/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	----	----	----	----
GMW-38	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	10/06/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	01/28/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	----	----	----	----
GMW-38	07/19/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	11/02/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	----	----	----	----
GMW-38	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	----	----	----	----
GMW-38	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	09/18/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	05/05/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	08/30/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	11/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-38	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.74	<10	<1	<1	<1
GMW-38	07/21/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	27	<1	<1	<1
GMW-38	10/21/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	29	<1	<1	<1
GMW-38	03/15/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	05/26/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/13/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<10	<1	<1	<1
GMW-38	10/06/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/11/11	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/12/11	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/10/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	01/15/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-38	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-38	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/07/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/21/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-39	07/10/97	Terra Services	<100	<500	<0.50	0.50	<0.50	<1	<0.50	<5	----	----	----	----
GMW-39	01/05/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-39	05/19/98	Terra Services	----	----	<0.30	<0.50	<0.50	<1	<0.50	0.90	----	----	----	----
GMW-39	11/12/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	----	----	----	----
GMW-39	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	2.9	----	----	----	----
GMW-39	11/18/99	Secor	<416	----	<0.50	<0.50	<0.50	<0.50	<0.50	12	----	----	----	----
GMW-39	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	----	----	----	----
GMW-39	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	16	----	----	----	----
GMW-39	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-39	11/06/01	Secor	<300	----	1.2	<0.50	<0.50	<0.50	<0.50	39	----	----	----	----
GMW-39	02/01/02	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	36	----	----	----	----
GMW-39	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	20	----	----	----	----
GMW-39	10/22/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	89	----	----	----	----
GMW-39	01/29/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	32	----	----	----	----
GMW-39	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	23	----	----	----	----
GMW-39	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	----	----	----	----
GMW-39	10/06/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	----	----	----	----
GMW-39	01/28/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	----	----	----	----
GMW-39	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	----	----	----	----
GMW-39	07/19/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	----	----	----	----
GMW-39	11/03/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	----	----	----	----
GMW-39	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	----	----	----	----
GMW-39	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-39	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-39	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-39	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	----	----	----	----
GMW-39	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-39	09/19/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	----	----	----	----
GMW-39	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.0	----	----	----	----
GMW-39	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	----	----	----	----
GMW-39	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	----	----	----	----
GMW-39	08/29/07	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	3.6	----	----	----	----
GMW-39	11/13/07	Secor	160	----	<0.50	<0.50	<0.50	<0.50	<1	2.6	----	----	----	----
GMW-39	02/20/08	Secor	110	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	----	----	----	----
GMW-39	04/16/08	Secor	90	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	----	----	----	----
GMW-39	08/14/08	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	1.1	----	----	----	----
GMW-39	10/15/08	Stantec	<500	----	<2.5	<2.5	<2.5	<2.5	<5	5.6	----	----	----	----
GMW-39	02/24/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	3,400	----	----	----
GMW-39	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4,000	<1	<1	<1
GMW-39	07/21/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	2,500	<1	<1	<1
GMW-39	10/22/09	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	2,200	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-39	03/16/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	130	<1	<1	<1
GMW-39	05/27/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	07/13/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	230	<1	<1	<1
GMW-39	10/07/10	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	550	<1	<1	<1
GMW-39	01/11/11	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	68	<1	<1	<1
GMW-39	04/13/11	BT for Parsons	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	96	<1	<1	<1
GMW-39	01/10/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	58	<1	<1	<1
GMW-39	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	38	<1	<1	<1
GMW-39	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	47	<1	<1	<1
GMW-39	01/15/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	54	<1	<1	<1
GMW-39	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	420	<1	<1	<1
GMW-39	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	20	<1	<1	<1
GMW-39	10/30/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<1.0	<1.0	<1.0
GMW-39	10/30/14	BT for CH2MHill	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	15	<1.0	<1.0	<1.0
GMW-39	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1.0	<1.0	<1.0
GMW-39	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<1.0	<1.0	<1.0
GMW-39	10/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	10/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	04/14/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-4 (GMW 39)	04/14/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1.0	<1.0	<1.0
GMW-39	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1.0	<1.0	<1.0
DUP-1 (GMW-39)	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
GMW-39	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<1	<1	<1
GMW-39	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-39	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/07/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/04/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-39	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-40	11/27/96	Terra Services	400	<500	0.50	<0.50	5.8	5.9	<0.50	<5	----	----	----	----
GMW-40	07/10/97	GTI	210	2,600	----	----	----	----	----	----	----	----	----	----
GMW-40	01/07/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-40	05/21/98	BBC	<300	----	<0.30	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-40	11/05/98	GTI	<300	----	<0.50	<0.50	3.8	7.6	<0.50	<0.50	----	----	----	----
GMW-40	05/26/99	GTI	<300	----	0.90	<0.50	<0.50	<0.50	<0.50	4.4	----	----	----	----
GMW-40	11/18/99	IT Corporation	<300	----	2.8	<0.50	0.90	2.8	<0.50	9.3	----	----	----	----
GMW-40	05/17/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	11	----	----	----	----
GMW-40	12/01/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-40	05/10/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-40	11/08/01	IT Corporation	<300	----	<0.50	<0.50	1.1	3.1	<0.50	19	----	----	----	----
GMW-40	04/12/02	IT Corporation	<300	----	1.7	<0.50	0.70	0.90	<0.50	17	----	----	----	----
GMW-40	04/16/03	GTI	----	----	5.2	<0.50	2.7	4.7	<0.50	55	----	----	----	----
GMW-40	10/08/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	52	----	----	----	----
GMW-40	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	39	<10	<2	<2	<2
GMW-40	11/06/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	05/07/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GMW-40	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GMW-40	05/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.9	<10	<2	<2	<2
GMW-40	12/08/06	BT for Parsons	----	----	0.87	<0.50	<0.50	14	<0.50	15	<10	<2	<2	<2
GMW-40	05/03/07	BT for Parsons	----	----	3.7	<0.50	2.2	27	<0.50	46	63	<2	<2	<2
GMW-40	11/16/07	BT for Parsons	----	----	0.61	<0.50	1.9	8.4	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/18/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<2	<2	<2
GMW-40	04/24/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/21/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
GMW-40	04/14/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	<10	<2	<2	<2
GMW-40	10/06/10	BT for Parsons	<50	----	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-40	10/08/13	Parsons	120 HD	460 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	04/14/14	Parsons	<100	240 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-40	10/29/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-40	10/29/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-40	04/22/15	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-40	10/05/16	SGI	<100	1,100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-41	11/27/96	GSI	250	<500	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----	----
GMW-41	07/10/97	GTI	75	1,200	<5	<5	<5	<5	<5	<5	----	----	----	----
GMW-41	01/07/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-41	05/21/98	BBC	<300	----	<0.30	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-41	11/05/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	----	----	----	----
GMW-41	05/26/99	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-41	11/18/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-41	05/17/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-41	11/30/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-41	05/10/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-41	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-41	04/12/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	----	----	----	----
GMW-41	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	1.1	----	----	----	----
GMW-41	04/16/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-41	10/08/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	----	----	----	----
GMW-41	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<2	<2	<2
GMW-41	11/06/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	<10	<2	<2	<2
GMW-41	05/07/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	12/08/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GMW-41	11/16/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/18/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-41	10/17/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/22/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/21/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.43 J	<10	<2	<2	<2
GMW-41	04/14/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	0.33 J	5.7 J	<2	<2	<2
GMW-41	10/06/10	BT for Parsons	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-41	10/06/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-41	04/11/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/11/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/16/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	5.4 J	<2	<2	<2
GMW-41	10/16/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	04/09/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-41	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	0.5 J	<10	<2	<2	<2
GMW-41	10/28/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-41	04/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	3.2	<10	<2.0	<2.0	<2.0
GMW-41	04/22/15	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	2.6	<10	<2.0	<2.0	<2.0
GMW-41	10/05/16	SGI	<100	330	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-41	04/20/17	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-41	04/20/18	SGI	<100	690 J	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-41	11/06/18	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-41	04/17/19	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE (GMW-41)	04/17/19	SGI	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-41	10/31/19	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-41)	10/31/19	SGI	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/06/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	10/20/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/04/21	SGI/Apex	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	11/04/21	SGI/Apex	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/16/22	SGI/Apex	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	11/07/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	05/03/23	SGI/Apex	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-41	11/10/23	SGI/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (GMW-41)	11/10/23	SGI/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/05/98	GTI	7,530	-----	800	<7.5	55	810	-----	-----	-----	-----	-----	-----
GMW-42	05/27/99	GTI	6,510	-----	1,100	110	60	580	-----	-----	-----	-----	-----	-----
GMW-42	11/18/99	IT Corporation	7,900	-----	810	490	180	1,200	-----	-----	-----	-----	-----	-----
GMW-42	05/17/00	IT Corporation	3,800	-----	9.9	1.2	26	230	-----	-----	-----	-----	-----	-----
GMW-42	12/01/00	IT Corporation	380	-----	1.0	<0.30	<0.30	<0.60	-----	18	-----	-----	-----	-----
GMW-42	05/10/01	IT Corporation	490	-----	24	40	11	79	-----	5.3	-----	-----	-----	-----
GMW-42	11/07/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	1.6	-----	<5	-----	-----	-----	-----
GMW-42	04/10/02	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	7.0	-----	-----	-----	-----
GMW-42	10/09/13	Parsons	<100	120 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-42	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-42	04/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-42	04/17/17	SGI	<100	<100	<0.50	<0.50	1.6	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-42	10/03/17	SGI	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-42	04/20/18	SGI	<100	140 J	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-42	11/08/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-42	04/17/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-42	10/29/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/06/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	10/20/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/04/21	SGL/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/04/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/10/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/02/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	05/03/23	SGL/Apex	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	11/10/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/27/96	GSI	620	<500	<0.50	<0.50	<0.50	<1	----	----	----	----	----	----
GMW-43	07/10/97	GTI	<50	<50	<0.50	<1	<1	<2	----	----	----	----	----	----
GMW-43	01/07/98	GTI	<500	<100	0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-43	05/21/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-43	11/05/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-43	05/27/99	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-43	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-43	05/17/00	IT Corporation	<300	----	0.92	<0.30	0.45	<0.60	----	----	----	----	----	----
GMW-43	11/30/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-43	05/09/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-43	11/07/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-43	04/11/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-43	10/23/02	GTI	<300	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-43	04/14/03	GTI	----	----	<1	<1	<1	<2	----	<3	----	----	----	----
GMW-43	10/08/03	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-43	04/21/04	BT for Parsons	----	----	<0.50	<1	<1	<1	----	<1	----	----	----	----
GMW-43	11/06/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-43	05/10/05	BT for Parsons	----	----	<0.30	0.68	<0.30	<0.30	----	<5	----	----	----	----
GMW-43	11/08/05	BT for Parsons	----	----	<0.30	0.47	<0.30	0.31	----	<5	----	----	----	----
GMW-43	05/04/06	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-43	12/08/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-43	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	8.0	----	----	----	----
GMW-43	11/15/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-43	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-43	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/23/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	----	<0.50	<0.50	<0.50
GMW-43	10/21/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/15/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	<10	<2	<2	<2
GMW-43	10/08/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-43	04/11/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/11/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	19	<2	<2	<2
GMW-43	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/08/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/07/13	Parsons	<100	180 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-43	10/27/14	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-43	04/22/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-43	04/17/17	SGL	<100	550	<0.50	<0.50	0.98	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-43	04/18/18	SGL	<100	660	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-43	11/06/18	SGL	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-43	04/19/19	SGL	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-43	10/31/19	SGL	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/06/20	SGL	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	10/22/20	SGL	<100	390	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-43)	10/22/20	SGL	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/10/21	SGL/Apex	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/08/21	SGL/Apex	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/19/22	SGL/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-6 (GMW-43)	05/19/22	SGL/Apex	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/03/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	05/04/23	SGL/Apex	<100	360	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	11/13/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/27/96	GSI	820	<500	<0.50	<0.50	<0.50	<1	----	----	----	----	----	----
GMW-44	07/10/97	GTI	68	1,100	<0.50	<1	<1	<2	----	----	----	----	----	----
GMW-44	01/06/98	GTI	<500	700	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-44	05/21/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-44	11/05/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-44	05/27/99	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-44	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-44	05/17/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	1.9	----	----	----	----	----	----
GMW-44	11/30/00	IT Corporation	<300	----	0.98	<0.30	0.95	<0.60	----	<5	----	----	----	----
GMW-44	05/09/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-44	11/07/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-44	04/11/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
GMW-44	10/23/02	GTI	<300	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-44	04/14/03	GTI	----	----	<1	<1	<1	<2	----	<3	----	----	----	----
GMW-44	10/08/03	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-44	04/21/04	BT for Parsons	----	----	<0.50	<1	<1	<1	----	<1	----	----	----	----
GMW-44	11/04/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-44	05/06/05	BT for Parsons	----	----	0.45	0.68	<0.30	<0.30	----	<5	----	----	----	----
GMW-44	11/08/05	BT for Parsons	----	----	<0.30	<0.30	<0.30	0.39	----	<5	----	----	----	----
GMW-44	05/04/06	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
GMW-44	12/08/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-44	05/04/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	8.3	----	----	----	----
GMW-44	11/15/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-44	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
GMW-44	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/23/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	----	<0.50	<0.50	<0.50
GMW-44	10/21/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/15/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	<10	<2	<2	<2
GMW-44	10/08/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-44	04/11/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/11/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	<2	<2	<2
GMW-44	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/08/13	Parsons	----	100 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-44	04/14/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-44	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-44	04/22/15	SGI	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-44	10/05/16	SGI	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-44	04/20/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-44	10/03/17	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-44	04/18/18	SGI	160	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-44)	04/18/18	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-44	11/06/18	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-44	04/19/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-44	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/06/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	10/20/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/02/21	SGI/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/12/22	SGI/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-44)	05/12/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	05/04/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	11/08/23	SGI/Apex	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	11/22/96	GSI	23,000	<500	1,100	230	580	2,900	<0.50	-----	-----	-----	-----	-----
GMW-45	07/09/97	GTI	1,100	2,700	330	<5	280	930	-----	-----	-----	-----	-----	-----
GMW-45	01/06/98	GTI	3,200	3,400	286	1.3	188	543	-----	-----	-----	-----	-----	-----
GMW-45	05/20/98	BBC	4,200	-----	270	221	109	569	-----	-----	-----	-----	-----	-----
GMW-45	11/05/98	GTI	1,400	-----	81	<0.30	40	75	-----	-----	-----	-----	-----	-----
GMW-45	05/27/99	GTI	3,750	-----	420	<0.60	180	390	-----	-----	-----	-----	-----	-----
GMW-45	11/18/99	IT Corporation	3,960	-----	380	<3	140	100	-----	-----	-----	-----	-----	-----
GMW-45	05/17/00	IT Corporation	5,200	-----	620	8.0	87	37	-----	-----	-----	-----	-----	-----
GMW-45	11/29/00	IT Corporation	2,400	-----	330	1.3	6.0	4.0	-----	<10	-----	-----	-----	-----
GMW-45	05/09/01	IT Corporation	6,500	-----	620	74	51	420	-----	<50	-----	-----	-----	-----
GMW-45	11/07/01	IT Corporation	5,700	-----	730	<3	8.5	19	-----	<50	-----	-----	-----	-----
GMW-45	04/10/02	IT Corporation	9,800	-----	900	21	69	240	-----	240	-----	-----	-----	-----
GMW-45	10/23/02	GTI	3,200	-----	770	5.5	120	290	-----	<5	-----	-----	-----	-----
GMW-45	04/10/03	GTI	-----	-----	344	11	5.6	10	-----	<6	-----	-----	-----	-----
GMW-45	10/08/03	BT for Parsons	-----	-----	470	<0.60	6.5	3.7	-----	<10	-----	-----	-----	-----
GMW-45	04/21/04	BT for Parsons	-----	-----	140	<1	2.5	<1	-----	<1	-----	-----	-----	-----
GMW-45	11/04/04	BT for Parsons	-----	-----	84	<0.30	3.0	2.9	-----	<5	-----	-----	-----	-----
GMW-45	05/05/05	BT for Parsons	-----	-----	670	17	520	720	-----	<50	-----	-----	-----	-----
GMW-45	11/05/05	BT for Parsons	-----	-----	340	0.46	130	250	-----	10	-----	-----	-----	-----
GMW-45	05/03/06	BT for Parsons	-----	-----	76	4.1	11	16	-----	<5	-----	-----	-----	-----
GMW-45	12/05/06	BT for Parsons	-----	-----	67	1.9	3.6	6.4	-----	<5	-----	-----	-----	-----
GMW-45	05/02/07	BT for Parsons	-----	-----	37	0.56	2.0	3.0	-----	11	-----	-----	-----	-----
GMW-45	11/14/07	BT for Parsons	-----	-----	42	<0.50	<0.50	<1	-----	9.6	-----	-----	-----	-----
GMW-45	04/16/08	BT for Parsons	-----	-----	21	0.52	1.4	2.9	-----	<5	-----	-----	-----	-----
GMW-45	10/15/08	BT for Parsons	-----	-----	9.7	<0.50	1.9	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-45	04/21/09	BT for Parsons	-----	-----	11	<2	<2	<2	-----	<2	-----	-----	-----	-----
GMW-45	10/21/09	BT for Parsons	-----	-----	15	<0.50	2.2	<0.50	<0.50	<0.50	11	<2	<2	<2
GMW-45	04/12/10	BT for Parsons	-----	-----	85	<0.50	2.6	0.28	-----	<0.50	11	<2	<2	<2
GMW-45	10/07/10	BT for Parsons	-----	-----	53	-----	-----	-----	<0.50	<0.50	15	-----	-----	-----
GMW-45	04/14/11	BT for Parsons	-----	-----	150	<0.50	3.6	0.94	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-45	10/11/11	Parsons	----	----	43	<0.33	1.8	0.29 J	<0.50	<0.50	41	<2	<2	<2
GMW-45	04/19/12	Parsons	----	----	28	0.24 J	1.9	0.8 J	<0.50	<0.50	28	<2	<2	<2
GMW-45	10/17/12	Parsons	----	----	44	<0.50	1.6	<0.50	<0.50	<0.50	20	<2	<2	<2
GMW-45	04/11/13	Parsons	----	3,400 b	24	<0.50	1.4	0.59 J	<0.50	<0.50	13	<2	<2	<2
GMW-45	10/30/14	SGI	1,500	3,700	0.78	<0.50	0.52	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-45	10/10/16	SGI	2,200	4,500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-45	05/10/19	SGI	3,500	25,000	90	2.5	42	380	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-45	11/07/19	SGI	4,300	9,400	99	3.6	49	269.6	<2.5	<6.0	<50	<10	<10	<10
GMW-45	05/11/20	SGI	1,500	2,700	31	<5.0	87	140	<5.0	<12	<100	<20	<20	<20
GMW-45	10/26/20	SGI	2,700	720	54	<2.5	29	80	<2.5	<6.0	<50	<10	<10	<10
GMW-45	05/10/21	SGI/Apex	1,200	1,900	1.1	<1.0	<1.0	<3.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-45	11/08/21	SGI/Apex	230	790	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	05/19/22	SGI/Apex	270	1,500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	11/08/22	SGI/Apex	<100	720	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	05/08/23	SGI/Apex	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	11/09/23	SGI/Apex	<100	850	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-47	11/27/96	GSI	9,600	<500	1,800	<25	160	660	----	----	----	----	----	----
GMW-47	07/09/97	GTI	420	93	350	<1	170	79	----	----	----	----	----	----
GMW-47	01/06/98	GTI	1,900	<100	438	11	75	253	<2.5	<2.5	----	----	----	----
GMW-47	05/20/98	BBC	<300	----	1.0	<0.30	<0.30	<0.60	----	----	----	----	----	----
GMW-47	11/05/98	GTI	1,700	----	910	4.9	18	140	----	----	----	----	----	----
GMW-47	05/26/99	GTI	<300	----	130	<0.30	0.33	3.0	----	----	----	----	----	----
GMW-47	11/18/99	IT Corporation	2,100	----	1,100	0.77	5.8	27	----	----	----	----	----	----
GMW-47	05/17/00	IT Corporation	7,200	----	2,300	700	200	1,100	----	----	----	----	----	----
GMW-47	11/29/00	IT Corporation	990	----	280	0.59	2.2	<0.60	----	<5	----	----	----	----
GMW-47	03/30/01	IT Corporation	----	----	----	----	----	----	----	----	----	----	----	----
GMW-47	05/09/01	IT Corporation	7,600	----	1,400	110	55	590	----	16	----	----	----	----
GMW-47	11/07/01	IT Corporation	1,500	----	410	8.2	8.7	150	----	<50	----	----	----	----
GMW-47	04/10/02	IT Corporation	4,100	----	710	150	9.2	360	----	<25	----	----	----	----
GMW-47	10/23/02	GTI	4,000	----	430	<5	26	100	<2.5	<5	----	----	----	----
GMW-47	04/09/03	GTI	----	----	1.4	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-47	09/18/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-47	10/08/03	BT for Parsons	140	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-47	02/21/04	BT for Parsons	----	----	4.2	<0.50	<0.50	<0.50	----	<0.50	----	----	----	----
GMW-47	04/21/04	BT for Parsons	160	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/21/04	BT for Parsons	330	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-47	11/03/04	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/02/05	BT for Parsons	170	----	33	<1	5.8	<1	----	<1	----	----	----	----
GMW-47	05/05/05	BT for Parsons	420	----	22	<0.50	6.0	18	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/04/05	BT for Parsons	<100	----	3.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/05/05	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/08/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/03/06	BT for Parsons	<100	----	2.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/28/06	BT for Parsons	<100	----	0.95	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	12/05/06	BT for Parsons	<100	----	5.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	03/23/07	BT for Parsons	<100	----	11	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	05/02/07	BT for Parsons	<100	----	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	08/31/07	BT for Parsons	<100	----	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	11/13/07	BT for Parsons	<100	----	0.83	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-47	02/07/08	BT for Parsons	<100	-----	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/16/08	BT for Parsons	<100	-----	1.6	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/29/08	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	10/15/08	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	02/12/09	BT for Parsons	170	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	04/20/09	BT for Parsons	180	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-47	07/20/09	Blaine Tech for AMEC	200	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	10/19/09	BT for Parsons	170	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<2	<2	<2
GMW-47	01/11/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GMW-47	04/19/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	13	<2	<2	<2
GMW-47	10/06/10	BT for Parsons	-----	-----	0.35 J	-----	-----	-----	<0.50	<0.50	16	-----	-----	-----
GMW-47	01/11/11	BT for Parsons	-----	-----	5.2	<0.50	0.75	<0.50	<0.50	1.2	17	<2	<2	<2
GMW-47	04/14/11	BT for Parsons	-----	-----	0.36 J	<0.50	0.27 J	<0.50	<0.50	2.6	<10	<2	<2	<2
GMW-47	07/12/11	Parsons	-----	-----	0.54	<0.50	0.58	<0.50	<0.50	3.8	32	<2	<2	<2
GMW-47	10/11/11	Parsons	-----	-----	0.55	<0.50	0.99	0.32 J	<0.50	6.1	46	<2	<2	<2
GMW-47	01/10/12	Parsons	-----	-----	0.63	<0.50	0.74	0.36 J	<0.50	7.9	110	<2	<2	<2
GMW-47	04/20/12	Parsons	-----	-----	0.52	<0.50	0.68	0.31 J	<0.50	5.0	310	<2	<2	<2
GMW-47	07/10/12	Parsons	-----	-----	0.15 J	<0.50	0.29 J	0.31	<0.50	6.5	250	<2	<2	<2
GMW-47	10/17/12	Parsons	-----	-----	0.46 J	<0.50	0.17 J	<0.50	<0.50	4.5	310	<2	<2	<2
GMW-47	01/15/13	Parsons	-----	580 b	<0.50	<0.50	<0.50	<0.50	<0.50	3.7	320	<2	<2	<2
GMW-47	04/11/13	Parsons	-----	1,500 b	<0.50	<0.50	<0.50	<0.50	<0.50	5.4	150	<2	<2	<2
GMW-47	10/08/13	Parsons	<100	990 HD	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	490	<2	<2	<2
GMW-47	04/16/14	Parsons	<100	1,500 HD	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	280	<2	<2	<2
GMW-47	10/29/14	SGI	<100	2,100	<0.50	<0.50	<0.50	<1.5	<0.50	5.8	130	<2.0	<2.0	<2.0
GMW-47	04/28/15	SGI	<100	2,100	<0.50	<0.50	<0.50	<1.5	<0.50	5.9	350	<2.0	<2.0	<2.0
GMW-47	10/26/15	SGI	<100	1,300	<0.50	<0.50	<0.50	<1.5	<0.50	4.8	31	<2.0	<2.0	<2.0
GMW-47	04/14/16	SGI	<100	450	<0.50	<0.50	<0.50	<1.5	<0.50	5.7	<10	<2.0	<2.0	<2.0
GMW-47	10/07/16	SGI	<100	2,000	<0.50	<0.50	<0.50	<1.5	<0.50	4.9	120	<2.0	<2.0	<2.0
DUP-5 (GMW-47)	10/07/16	SGI	<100	1,900	<0.50	<0.50	<0.50	<1.5	<0.50	5.1	140	<2.0	<2.0	<2.0
GMW-47	04/21/17	SGI	<100	860	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-47	10/04/17	SGI	<100	980	<0.50	<0.50	<0.50	<1.5	<0.50	8.6	410	<2.0	<2.0	<2.0
GMW-47	04/23/18	SGI	<100	890	0.61	<0.50	<0.50	<1.5	<0.50	6.5	220	<2.0	<2.0	<2.0
GMW-47	11/12/18	SGI	<100	2,400	<0.50	<0.50	<0.50	<1.5	<0.50	2.2	24	<2.0	<2.0	<2.0
GMW-47	04/22/19	SGI	<100	1,000	<0.50	<0.50	<0.50	<1.5	<0.50	2.6	<10	<2.0	<2.0	<2.0
GMW-47	05/10/19	SGI	<100	2,100	<0.50	<0.50	<0.50	<1.5	<0.50	3.2	250	<2.0	<2.0	<2.0
GMW-47	11/06/19	SGI	<100	600	<0.50	<0.50	<0.50	<1.5	<0.50	2.0	58	<2.0	<2.0	<2.0
DUP-6 (GMW-47)	11/06/19	SGI	<100	480	<0.50	<0.50	<0.50	<1.5	<0.50	2.4	69	<2.0	<2.0	<2.0
GMW-47	05/08/20	SGI	170	1,800	1.2	<0.50	<0.50	<1.5	<0.50	14	1,100	<2.0	<2.0	<2.0
GMW-47	10/26/20	SGI	130	750	<0.50	<0.50	<0.50	<1.5	<0.50	5.1	160	<2.0	<2.0	<2.0
GMW-47	05/10/21	SGI/Apex	140	790	<0.50	<0.50	<0.50	<1.5	<0.50	1.3	<10	<2.0	<2.0	<2.0
DUP-6 (GMW-47)	05/10/21	SGI/Apex	140	900	<0.50	<0.50	<0.50	<1.5	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-47	11/05/21	SGI/Apex	240	590	15	<0.50	<0.50	<1.5	<0.50	<1.2	27	<2.0	<2.0	<2.0
GMW-47	05/12/22	SGI/Apex	440	650	48	<0.50	<0.50	<1.5	<0.50	1.5	17	<2.0	<2.0	<2.0
GMW-47	11/08/22	SGI/Apex	160	320	5.2	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-7 (GMW-47)	11/08/22	SGI/Apex	130	320	6.8	<0.50	<0.50	<1.5	<0.50	<1.2	15	<2.0	<2.0	<2.0
GMW-47	05/08/23	SGI/Apex	<100	340	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-47	11/09/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	11/22/96	GSI	56,000	<500	10,000	1,800	1,500	6,900	0.80	-----	-----	-----	-----	-----
GMW-48	10/09/13	Parsons	1,200 HD	3,100 HD	450	0.49 J	1.3	1.5	<0.50	0.78	32	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-48	04/17/14	Parsons	1,800 HD	1,900 HD	400	<1.2	1.7	1.3	<1.2	<1.2	44	<5	<5	<5
GMW-48	10/31/14	SGI	2,600	3,100	450	<0.50	2.1	<1.5	<0.50	<2.0	21	<2.0	<2.0	<2.0
GMW-48	04/29/15	SGI	1,000	2,400	300	<2.5	2.5	<5.0	<2.5	<10	<50	<10	<10	<10
GMW-48	10/26/15	SGI	1,500	1,800	170	<2.5	18	126	<2.5	<10	<50	<10	<10	<10
GMW-48	10/11/16	SGI	470	1,100	200	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
DUP-8 (GMW-48)	10/11/16	SGI	530	1,100	200	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
GMW-48	04/21/17	SGI	460	1,500	190	<0.50	0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-48	10/09/17	SGI	360	1,400	190	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
DUP-7 (GMW-48)	10/09/17	SGI	360	1,600	180	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
GMW-48	04/23/18	SGI	280	810	130	<2.5	<2.5	<5.0	<7.5	<10	<50	<10	<10	<10
GMW-48	11/15/18	SGI	150	690	1.0	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-48	04/18/19	SGI	<100	500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-48	10/30/19	SGI	<100	450	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/08/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	10/21/20	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/05/21	SGI/Apex	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	11/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-48)	11/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/10/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-48)	05/10/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP (GMW-48)	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-48	11/07/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-50	01/10/12	Parsons	-----	-----	48	<0.50	0.24 J	2.5	<0.50	0.47 J	9.6 J	<2	<2	<2
GMW-50	04/14/16	SGI	<100	440	35	<0.50	<0.50	<1.5	<0.50	1.3	<10	<2.0	<2.0	<2.0
GMW-54	04/22/15	SGI	<100	1,800	<0.50	<0.50	<0.50	<1.5	<0.50	2.3	<10	<2.0	<2.0	<2.0
GMW-54	04/21/17	SGI	<100	850	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	11/05/98	GTI	<300	-----	<0.30	<0.30	16	<0.60	-----	-----	-----	-----	-----	-----
GMW-56	05/27/99	GTI	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-56	11/18/99	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-56	05/17/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	-----	-----	-----	-----	-----
GMW-56	11/29/00	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-56	05/09/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-56	11/07/01	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	<5	-----	-----	-----	-----
GMW-56	04/10/02	IT Corporation	<300	-----	<0.30	<0.30	<0.30	<0.60	-----	12	-----	-----	-----	-----
GMW-56	04/10/03	GTI	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-56	10/08/03	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-56	04/21/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/04/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/05/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/05/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/03/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	12/08/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	05/02/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	11/14/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	0.94	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-56	10/15/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/21/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/21/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2 J	<2	<2	<2
GMW-56	04/12/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/08/13	Parsons	<100	190 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-56	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-56	04/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-56	04/13/16	SGI	<100	<100	<0.50	<0.50	0.62	0.73	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-56)	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	10/03/17	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	04/17/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	11/05/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	04/16/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-56	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-56)	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	10/21/20	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/06/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	11/03/21	SGI/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/11/22	SGI/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-4 (GMW-56)	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	05/02/23	SGI/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	11/09/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/05/98	GTI	<300	-----	12	0.63	4.5	0.97	-----	-----	-----	-----	-----	-----
GMW-57	05/26/99	GTI	379	-----	150	15	12	55	-----	-----	-----	-----	-----	-----
GMW-57	11/18/99	IT Corporation	4,000	-----	950	240	150	750	-----	-----	-----	-----	-----	-----
GMW-57	05/17/00	IT Corporation	17,000	-----	3,200	2,200	750	4,300	-----	-----	-----	-----	-----	-----
GMW-57	11/29/00	IT Corporation	11,000	-----	2,300	21	340	1,800	-----	<100	-----	-----	-----	-----
GMW-57	03/30/01	IT Corporation	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-57	05/09/01	IT Corporation	28,000	-----	3,300	3,100	690	3,600	-----	<50	-----	-----	-----	-----
GMW-57	11/07/01	IT Corporation	19,000	-----	3,900	1,600	390	3,400	-----	<500	-----	-----	-----	-----
GMW-57	04/10/02	IT Corporation	5,000	-----	720	150	8.2	360	<2.5	<2.5	-----	-----	-----	-----
GMW-57	10/23/02	GTI	1,700	-----	690	<0.30	3.2	5.7	-----	<5	-----	-----	-----	-----
GMW-57	04/09/03	GTI	-----	-----	<1	<1	<1	<2	-----	<3	-----	-----	-----	-----
GMW-57	09/18/03	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-57	10/11/03	BT for Parsons	200	-----	47	<0.50	0.57	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-57	02/21/04	BT for Parsons	-----	-----	190	<0.50	<0.50	<0.50	---	<0.50	-----	-----	-----	-----
GMW-57	04/21/04	BT for Parsons	110	-----	21	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/04	BT for Parsons	340	-----	48	<0.50	<0.50	<0.50	-----	<0.50	270	57	54	50
GMW-57	11/03/04	BT for Parsons	120	-----	22	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/02/05	BT for Parsons	400	-----	190	<1	2.5	<1	-----	<1	-----	-----	-----	-----
GMW-57	05/05/05	BT for Parsons	280	-----	57	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/04/05	BT for Parsons	170	-----	120	<0.50	0.54	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/05/05	BT for Parsons	120	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-57	03/08/06	BT for Parsons	180	----	4.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/03/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/28/06	BT for Parsons	180	----	1.8	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	12/05/06	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	03/23/07	BT for Parsons	120	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	05/02/07	BT for Parsons	120	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	08/31/07	BT for Parsons	110	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	11/13/07	BT for Parsons	160	----	0.72	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/07/08	BT for Parsons	150	----	4.0	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/16/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/29/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/15/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	02/12/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/20/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/21/09	Blaine Tech for AMEC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/19/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8.1 J	<2	<2	<2
GMW-57	01/11/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/12/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/06/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-57	01/10/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/11/11	BT for Parsons	----	----	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/11/11	Parsons	----	----	10	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/11/11	Parsons	----	----	1.6	<0.50	<0.50	0.48 J	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/17/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	07/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	01/14/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-57	04/08/13	Parsons	----	180 b	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GMW-57	10/08/13	Parsons	<100	140 HD	0.34 J	<0.50	<0.50	0.99	<0.50	0.74	<10	<2	<2	<2
GMW-57	04/16/14	Parsons	<100	340 HD	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GMW-57	10/29/14	SGI	140	380	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-57	04/28/15	SGI	<100	310	<0.50	<0.50	<0.50	<1.0	<0.50	3.0	<10	<2.0	<2.0	<2.0
GMW-57	10/22/15	SGI	<100	440	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-57	04/13/16	SGI	<100	400	<0.50	<0.50	0.80	2.8	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-57	10/07/16	SGI	<100	570	<0.50	<0.50	<0.50	<1.5	<0.50	1.4	<10	<2.0	<2.0	<2.0
GMW-57	04/20/17	SGI	<100	670	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	<10	<2.0	<2.0	<2.0
GMW-57	10/04/17	SGI	<100	380	<0.50	<0.50	<0.50	<1.5	<0.50	5.1	52	<2.0	<2.0	<2.0
GMW-57	04/17/18	SGI	<100	370	<0.50	<0.50	<0.50	<1.5	<0.50	4.8	72	<2.0	<2.0	<2.0
GMW-57	11/09/18	SGI	<100	730	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE-5 (GMW-57)	11/09/18	SGI	<100	660	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-57	04/18/19	SGI	<100	370	<0.50	<0.50	<0.50	<1.5	<0.50	3.2	69	<2.0	<2.0	<2.0
GMW-57	10/30/19	SGI	<100	460	<0.50	<0.50	<0.50	<1.5	<0.50	4.8	87	<2.0	<2.0	<2.0
GMW-57	05/08/20	SGI	160	170	2.3	4.3	9.3	17.7	<0.50	<1.2	32	<2.0	<2.0	<2.0
GMW-57 (DUP)	05/08/20	SGI	430	200	3.7	7.5	15	28.8	<0.50	<1.2	22	<2.0	<2.0	<2.0
GMW-57	10/23/20	SGI	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	15	<2.0	<2.0	<2.0
GMW-57	05/10/21	SGI/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	05/11/22	SGI/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-57	05/02/23	SGI/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	11/09/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	11/04/98	GTI	2,590	----	200	210	67	280	----	----	----	----	----	----
GMW-58	05/26/99	GTI	1,360	----	310	62	42	170	----	----	----	----	----	----
GMW-58	11/18/99	IT Corporation	1,600	----	82	26	20	100	----	----	----	----	----	----
GMW-58	05/17/00	IT Corporation	21,000	----	3,500	5,900	730	3,900	----	----	----	----	----	----
GMW-58	03/02/05	BT for Parsons	5,800	----	1,700	<20	250	400	----	<20	----	----	----	----
GMW-58	05/05/05	BT for Parsons	12,000	----	410	<2.5	13	600	<2.5	<2.5	<50	<10	<10	<10
GMW-58	08/04/05	BT for Parsons	5,800	----	500	<2.5	56	124	<2.5	<2.5	<50	<10	<10	<10
GMW-58	11/05/05	BT for Parsons	6,300	----	560	<2.5	380	196	<2.5	<2.5	<50	<10	<10	<10
GMW-58	03/08/06	BT for Parsons	5,300	----	250	<2.5	140	21	<2.5	<2.5	<50	<10	<10	<10
GMW-58	05/03/06	BT for Parsons	2,900	----	260	<1	85	27	<1	<1	<20	<4	<4	<4
GMW-58	07/28/06	BT for Parsons	3,200	----	310	<1	78	23	<1	<1	<20	<4	<4	<4
GMW-58	03/23/07	BT for Parsons	1,700	----	350	<1	5.9	<1	<1	<1	<20	<4	<4	<4
GMW-58	05/02/07	BT for Parsons	2,200	----	320	<1	9.5	<1	<1	<1	<20	<4	<4	<4
GMW-58	08/31/07	BT for Parsons	3,000	----	240	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-58	11/13/07	BT for Parsons	2,000	----	240	<1	7.4	<1	<1	<1	<20	<4	<4	<4
GMW-58	02/07/08	BT for Parsons	1,100	----	270	<1	1.8	<1	<1	<1	<20	<4	<4	<4
GMW-58	04/16/08	BT for Parsons	1,100	----	310	<2.5	<2.5	8.4	<2.5	<2.5	<50	<10	<10	<10
GMW-58	07/29/08	BT for Parsons	870	----	45	<0.50	<0.50	<0.50	<0.50	0.77	<10	<2	<2	<2
GMW-58	10/15/08	BT for Parsons	1,200	----	62	<0.50	0.67	0.62	<0.50	<0.50	<10	<2	<2	<2
GMW-58	02/12/09	BT for Parsons	1,000	----	36	<0.50	0.85	<0.50	<0.50	0.55	<10	<2	<2	<2
GMW-58	04/20/09	BT for Parsons	130	----	<0.50	<0.50	<0.50	<0.50	<0.50	13	<10	<2	<2	<2
GMW-58	07/20/09	Blaine Tech for AMEC	100	----	1.2	<0.50	<0.50	<0.50	<0.50	6.4	<10	<2	<2	<2
GMW-58	10/19/09	BT for Parsons	1,000	----	9.5	<0.50	0.24 J	<0.50	<0.50	1.5	6 J	<2	<2	<2
GMW-58	01/11/10	BT for Parsons	----	----	9.7	<0.50	<0.50	<0.50	<0.50	1.7	3.8 J	<2	<2	<2
GMW-58	04/19/10	BT for Parsons	----	----	12	<0.50	<0.50	<0.50	<0.50	0.81	5.7 J	<2	<2	<2
GMW-58	10/06/10	BT for Parsons	----	----	8.6	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-58	01/10/11	BT for Parsons	----	----	5.8	<0.50	<0.50	<0.50	<0.50	0.46 J	<10	<2	<2	<2
GMW-58	04/13/11	BT for Parsons	----	----	94	<0.50	0.35 J	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-58	07/11/11	Parsons	----	----	31	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-58	10/11/11	Parsons	----	----	27	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
GMW-58	04/18/12	Parsons	----	----	28	<0.50	0.18 J	0.48 J	0.82	0.54	<10	<2	<2	<2
GMW-58	07/10/12	Parsons	----	----	27	<0.50	<0.50	<0.50	<0.50	0.46 J	18	<2	<2	<2
GMW-58	10/17/12	Parsons	----	----	18	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-58	01/15/13	Parsons	----	420 b	8.7	<0.50	<0.50	0.32	<0.50	<0.50	17	<2	<2	<2
GMW-58	04/10/13	Parsons	----	1,600 b	6.7	<0.50	<0.50	<0.50	<0.50	0.46 J	25	<2	<2	<2
GMW-58	10/08/13	Parsons	460 HD	1,200 HD	4.7	<0.50	<0.50	<0.50	<0.50	0.43 J	15	<2	<2	<2
GMW-58	04/16/14	Parsons	600 HD	920 HD	12	<0.50	0.24 J	<0.50	<0.50	0.64	17	<2	<2	<2
GMW-58	10/29/14	SGI	280	340	37	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-58	10/29/14	SGI	260	420	36	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-58	04/28/15	SGI	<100	410	1.1	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-58	04/15/16	SGI	<100	290	1.3	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-58	04/20/17	SGI	150	1,400	1.6	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-6 (GMW-58)	04/20/17	SGI	100	1,900	1.5	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-58	10/09/17	SGI	<100	960	21	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-58	11/07/19	SGI	390	1,400	19	<0.50	0.73	3.28	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	05/11/20	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	10/22/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-58	05/05/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	11/02/21	SGL/Apex	<100	420	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-58)	11/02/21	SGL/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	05/12/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	11/01/22	SGL/Apex	<100	2,300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	05/08/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-58	11/07/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	11/04/98	GTI	9,880	----	950	600	210	620	----	----	----	----	----	----
GMW-59	11/29/00	IT Corporation	67,000	----	3,500	900	750	3,600	----	<130	----	----	----	----
GMW-59	04/10/03	GTI	----	----	261	4.8	18	110	----	<3	----	----	----	----
GMW-59	10/08/03	BT for Parsons	----	----	760	<3	65	450	----	<50	----	----	----	----
GMW-59	04/21/04	BT for Parsons	----	----	590	<1	100	276	----	380	----	----	----	----
GMW-59	11/03/04	BT for Parsons	----	----	95	<0.60	15	18	----	<10	----	----	----	----
GMW-59	03/02/05	BT for Parsons	4,200	----	400	<5	130	22	----	35	----	----	----	----
GMW-59	05/05/05	BT for Parsons	11,000	----	170	<0.50	60	7.8	<0.50	11	<10	<2	<2	<2
GMW-59	08/04/05	BT for Parsons	6,400	----	140	<1	56	6.6	<1	<1	<20	<4	<4	<4
GMW-59	11/05/05	BT for Parsons	9,500	----	270	<0.50	26	2.2	<0.50	<0.50	<10	<2	<2	<2
GMW-59	03/08/06	BT for Parsons	4,600	----	260	<1	7.4	<1	<1	<1	<20	<4	<4	<4
GMW-59	05/03/06	BT for Parsons	9,900	----	210	<1	4.0	<1	<1	<1	<20	<4	<4	<4
GMW-59	07/28/06	BT for Parsons	3,200	----	540	<1	3.1	<1	<1	4.8	<20	<4	<4	<4
GMW-59	12/05/06	BT for Parsons	----	----	800	4.3	5.2	11	----	<10	----	----	----	----
GMW-59	03/23/07	BT for Parsons	8,200	----	840	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	05/02/07	BT for Parsons	4,800	----	1,100	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	08/31/07	BT for Parsons	4,800	----	720	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-59	11/13/07	BT for Parsons	4,700	----	660	<5	<5	<5	<5	<5	<100	<20	<20	<20
GMW-59	02/07/08	BT for Parsons	3,200	----	490	<2.5	3.8	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	04/16/08	BT for Parsons	3,600	----	580	<2.5	3.5	<2.5	15	3.7	<50	<10	<10	<10
GMW-59	07/29/08	BT for Parsons	2,300	----	580	<2.5	<2.5	<2.5	<2.5	3.3	<50	<10	<10	<10
GMW-59	10/15/08	BT for Parsons	2,500	----	830	<2.5	<2.5	<2.5	<2.5	5.5	<50	<10	<10	<10
GMW-59	02/12/09	BT for Parsons	2,500	----	650	<2.5	<2.5	<2.5	<2.5	3.2	<50	<10	<10	<10
GMW-59	04/20/09	BT for Parsons	8,500	----	610	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
GMW-59	07/20/09	Blaine Tech for AMEC	6,700	----	520	<2.5	<2.5	<2.5	<2.5	3.5	<50	<10	<10	<10
GMW-59	10/21/09	BT for Parsons	2,600	----	1,700	<2.5	1.4 J	<2.5	<2.5	16	18 J	<10	<10	<10
GMW-59	01/11/10	BT for Parsons	----	----	2,200	<10	<10	<10	<10	17	<200	<40	<40	<40
GMW-59	04/19/10	BT for Parsons	2,900	----	570	<0.50	1.9	<0.50	<0.50	2.3	11	<2	<2	<2
GMW-59	10/06/10	BT for Parsons	850	----	87	----	----	----	<0.50	3.5	----	----	----	----
GMW-59	01/11/11	BT for Parsons	2,500	----	1,100	<0.50	1.1	<0.50	<0.50	8.8	23	<2	<2	<2
GMW-59	04/14/11	BT for Parsons	10,000	----	130	<0.50	0.85	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-59	07/12/11	Parsons	1,400	----	14	<0.50	0.43 J	<0.50	<0.50	<0.50	8 J	<2	<2	<2
GMW-59	10/11/11	Parsons	<1,800	----	130	<0.24	0.78	<0.50	<0.50	2.1	13	<2	<2	<2
GMW-59	01/10/12	Parsons	2,800	----	340	0.24 J	0.54	<0.50	<0.50	5.2	16	<2	<2	<2
GMW-59	04/20/12	Parsons	3,100	----	870	0.27 J	0.85	0.24 J	<0.50	8.4	36	<2	<2	<2
GMW-59	07/10/12	Parsons	----	----	1,100	<5	1.5 J	<5	<5	9.7	<100	<20	<20	<20
GMW-59	10/19/12	Parsons	3,400 HD	----	1,000	<5	1.8 J	<5	<5	7.8	<100	<20	<20	<20
GMW-59	01/15/13	Parsons	2,400	1,500 b	670	<2.5	1.6 J	<2.5	<2.5	7.4	<50	<10	<10	<10
GMW-59	04/12/13	Parsons	2,500 HD	----	680	<2.5	2.2 J	<2.5	<2.5	6.6	<50	<10	<10	<10
GMW-59	10/09/13	Parsons	1,400 HD	3,100 HD	240	<0.50	0.76	0.30	<0.50	5.1	<10	<2	<2	<2
GMW-59	04/18/14	Parsons	5,600 HD	7,700 HD	170	<0.50	1.5	0.99	<0.50	3.5	14	<2	<2	<2
GMW-59	11/03/14	SGL	1,500	2,000	300	<0.50	0.93	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-59	04/29/15	SGI	910	1,600	150	<2.5	<2.5	<5.0	<2.5	<10	<50	<10	<10	<10
GMW-59	10/26/15	SGI	3,000	2,600	180	<5.0	34	241	<5.0	<20	<100	<20	<20	<20
GMW-59	04/14/16	SGI	640	3,300	87	<0.50	<0.50	<1.5	<0.50	1.0	<10	<2.0	<2.0	<2.0
DUP-7 (GMW 59)	04/14/16	SGI	530	3,300	86	<0.50	<0.50	<1.5	<0.50	1.0	<10	<2.0	<2.0	<2.0
GMW-59	10/11/16	SGI	470	1,800	110	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
GMW-59	04/21/17	SGI	400	1,300	130	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-7 (GMW-59)	04/21/17	SGI	300	660	84	<0.50	0.68	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-59	10/09/17	SGI	210	960	17	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
GMW-59	04/23/18	SGI	<100	770	0.81	<0.50	<0.50	0.50	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-59	11/09/18	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-59	04/18/19	SGI	<100	340	1.0	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-59	10/30/19	SGI	<100	480	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/08/20	SGI	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	10/22/20	SGI	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/10/21	SGI/Apex	<100	450	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	11/04/21	SGI/Apex	<100	660	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/12/22	SGI/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	11/03/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	05/02/23	SGI/Apex	<100	290	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	11/13/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	07/21/04	BT for Parsons	15,000	---	1,700	160	710	2,050	----	<0.50	----	----	----	----
GMW-60	11/03/04	BT for Parsons	12,000	---	1,700	70	900	1,780	<5	<5	<100	<20	<20	<20
GMW-60	03/02/05	BT for Parsons	8,300	---	1,300	<20	860	2,040	----	<20	----	----	----	----
GMW-60	05/05/05	BT for Parsons	9,400	---	1,100	<5	790	1,740	<5	<5	<100	<20	<20	<20
GMW-60	08/04/05	BT for Parsons	6,200	---	1,000	<5	680	1,070	<5	<5	<100	<20	<20	<20
GMW-60	11/05/05	BT for Parsons	7,200	---	970	<5	710	1,130	<5	<5	<100	<20	<20	<20
GMW-60	03/08/06	BT for Parsons	5,900	---	680	<5	640	800	<5	<5	<100	<20	<20	<20
GMW-60	05/03/06	BT for Parsons	3,900	---	770	<5	230	235	<5	<5	<100	<20	<20	<20
GMW-60	07/28/06	BT for Parsons	4,600	---	850	<5	170	102	<5	<5	<100	<20	<20	<20
GMW-60	12/05/06	BT for Parsons	4,100	---	660	<5	130	92	<5	<5	<100	<20	<20	<20
GMW-60	03/23/07	BT for Parsons	3,500	---	490	<2.5	87	80	<2.5	<2.5	<50	<10	<10	<10
GMW-60	05/02/07	BT for Parsons	2,800	---	300	<2.5	18	23	<2.5	<2.5	<50	<10	<10	<10
GMW-60	08/31/07	BT for Parsons	2,000	---	250	<2.5	18	5.9	<2.5	<2.5	<50	<10	<10	<10
GMW-60	11/13/07	BT for Parsons	1,500	---	180	<0.50	21	4.3	<0.50	<0.50	<10	<2	<2	<2
GMW-60	02/07/08	BT for Parsons	1,700	---	270	0.80	65	48	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/16/08	BT for Parsons	1,400	---	160	<1	24	<1	<1	<1	<20	<4	<4	<4
GMW-60	07/29/08	BT for Parsons	2,000	---	240	<1	3.9	<1	<1	<1	<20	<4	<4	<4
GMW-60	10/15/08	BT for Parsons	1,400	----	220	<1	2.7	<1	<1	<1	<20	<4	<4	<4
GMW-60	02/12/09	BT for Parsons	1,600	----	200	<1	2.5	<1	<1	<1	<20	<4	<4	<4
GMW-60	04/20/09	BT for Parsons	3,500	----	800	<5	7.9	<5	<5	<5	<100	<20	<20	<20
GMW-60	07/20/09	Blaine Tech for AMEC	3,200	----	940	<5	11	<5	<5	<5	<100	<20	<20	<20
GMW-60	10/19/09	BT for Parsons	2,600	----	800	<5	8.8	<5	<5	<5	<100	<20	<20	<20
GMW-60	01/11/10	BT for Parsons	----	----	940	<5	12	<5	<5	<1	<100	<20	<20	<20
GMW-60	04/13/10	BT for Parsons	1,900	----	580	<0.50	8.7	0.26	<0.50	<0.50	<10	<2	<2	<2
GMW-60	10/06/10	BT for Parsons	560	----	770	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-60	01/11/11	BT for Parsons	3,200	----	870	<0.50	12	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/15/11	BT for Parsons	2,100	----	590	<0.50	9.8	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	07/12/11	Parsons	2,200	----	560	<0.50	10	0.27 J	<0.50	<0.50	8.8 J	<2	<2	<2
GMW-60	10/11/11	Parsons	2,300	----	510	<0.50	9.1	0.38 J	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-60	01/10/12	Parsons	2,100	-----	210	0.3 J	7.3	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-60	04/20/12	Parsons	1,200	-----	13	<0.50	3.1	0.36 J	<0.50	<0.50	14	<2	<2	<2
GMW-60	07/10/12	Parsons	-----	-----	5.1	<0.50	0.70	0.24	<0.50	<0.50	69	<2	<2	<2
GMW-60	10/17/12	Parsons	630 b	-----	1.5	<0.50	0.4 J	<0.50	<0.50	<0.50	280	<2	<2	<2
GMW-60	01/15/13	Parsons	610	460 b	4.3	<0.50	0.37 J	<0.50	<0.50	<0.50	620	<2	<2	<2
GMW-60	04/11/13	Parsons	1,000 b	3,200 b	61	<0.50	1.6	0.73 J	<0.50	<0.50	460	<2	<2	<2
GMW-60	10/09/13	Parsons	920 HD	2,300 HD	25	<0.50	0.70	0.59	<0.50	<0.50	800	<2	<2	<2
GMW-60	04/17/14	Parsons	650	2,700 HD	11	<1	0.3 J	<1	<1	<1	1,200	<4	<4	<4
GMW-60	10/30/14	SGI	470	1,500	8.6	<0.50	<0.50	<1.5	<0.50	<2.0	680	<2.0	<2.0	<2.0
GMW-60	10/30/14	SGI	500	1,800	7.1	<0.50	<0.50	<1.5	<0.50	<2.0	780	<2.0	<2.0	<2.0
GMW-60	04/28/15	SGI	330	2,000	3.1	<0.50	<0.50	<1.0	<0.50	<2.0	1,600	<2.0	<2.0	<2.0
GMW-60	10/26/15	SGI	<100	870	0.98	<0.50	<0.50	<1.5	<0.50	<2.0	43	<2.0	<2.0	<2.0
GMW-60	04/13/16	SGI	110	100	5.1	<0.50	0.69	2.6	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-60	10/07/16	SGI	<100	870	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-60	04/20/17	SGI	220	1,200	26	<0.50	2.4	<1.5	<0.50	<1.0	55	<2.0	<2.0	<2.0
GMW-60	10/09/17	SGI	<100	430	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-60	04/17/18	SGI	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-60)	04/17/18	SGI	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-60	11/09/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-60	04/16/19	SGI	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-60	10/30/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60 (DUP)	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	10/21/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/05/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-60)	05/05/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	11/03/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/11/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	11/07/23	SGI/Apex	<100	1,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	07/21/04	BT for Parsons	19,000	-----	2,400	1,700	1,000	4,000	-----	<0.50	-----	-----	-----	-----
GMW-61	11/03/04	BT for Parsons	23,000	-----	2,500	2,200	1,200	5,000	<5	<5	<100	<20	<20	<20
GMW-61	03/02/05	BT for Parsons	20,000	-----	2,700	1,900	1,100	5,900	-----	<20	-----	-----	-----	-----
GMW-61	05/05/05	BT for Parsons	11,000	-----	2,000	310	840	2,500	<10	<10	<200	<40	<40	<40
GMW-61	08/04/05	BT for Parsons	11,000	-----	1,900	740	740	3,500	<10	<10	<200	<40	<40	<40
GMW-61	11/05/05	BT for Parsons	16,000	-----	2,600	480	1,100	4,900	<10	<10	<200	<40	<40	<40
GMW-61	03/08/06	BT for Parsons	11,000	-----	2,100	280	1,000	2,700	<10	<10	<200	<40	<40	<40
GMW-61	05/03/06	BT for Parsons	9,600	-----	1,900	89	810	2,030	<10	<10	<200	<40	<40	<40
GMW-61	07/28/06	BT for Parsons	7,200	-----	1,400	20	460	1,290	<10	<10	<200	<40	<40	<40
GMW-61	12/05/06	BT for Parsons	7,900	-----	1,500	19	330	2,050	<5	<5	<100	<20	<20	<20
GMW-61	03/23/07	BT for Parsons	7,500	-----	1,200	16	220	1,340	<5	<5	<100	<20	<20	<20
GMW-61	05/02/07	BT for Parsons	11,000	-----	1,600	27	290	2,090	<5	<5	<100	<20	<20	<20
GMW-61	08/31/07	BT for Parsons	9,200	-----	1,500	17	190	1,170	<0.50	<0.50	<10	<2	<2	<2
GMW-61	11/13/07	BT for Parsons	2,300	-----	580	6.3	99	360	<5	<5	<100	<20	<20	<20
GMW-61	02/07/08	BT for Parsons	2,600	-----	330	8.6	70	363	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/16/08	BT for Parsons	2,000	-----	480	5.0	64	399	<2.5	<2.5	<50	<10	<10	<10
GMW-61	07/29/08	BT for Parsons	1,500	-----	400	<2.5	28	129	<2.5	<2.5	<50	<10	<10	<10
GMW-61	10/15/08	BT for Parsons	1,300	-----	450	<2.5	34	150	<2.5	<2.5	<50	<10	<10	<10

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-61	02/12/09	BT for Parsons	1,100	-----	340	<2.5	13	57	<2.5	<2.5	<50	<10	<10	<10
GMW-61	04/20/09	BT for Parsons	1,100	-----	490	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	07/20/09	Blaine Tech for AMEC	760	-----	350	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	10/19/09	BT for Parsons	620	-----	320	<2.5	1.2 J	<2.5	<2.5	<2.5	<50	<10	<10	<10
GMW-61	01/11/10	BT for Parsons	-----	-----	190	<1	0.99 J	<1	<1	<1	<20	<4	<4	<4
GMW-61	04/15/10	BT for Parsons	740	-----	380	<0.50	1.7	<0.50	<0.50	<0.50	3.7 J	<2	<2	<2
GMW-61	10/06/10	BT for Parsons	1,200	-----	100	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-61	01/10/11	BT for Parsons	800	-----	190	<0.50	1.8	0.48	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/14/11	BT for Parsons	790	-----	110	<0.50	1.2	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	07/12/11	Parsons	230	-----	6.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	10/11/11	Parsons	140	-----	<0.50	<0.70	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	01/10/12	Parsons	210	-----	0.15 J	1.1	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-61	04/19/12	Parsons	190	-----	9.1	0.63	0.2 J	0.33 J	<0.50	<0.50	27	<2	<2	<2
GMW-61	07/10/12	Parsons	-----	-----	110	0.29 J	0.87	0.28	<0.50	<0.50	14	<2	<2	<2
GMW-61	10/19/12	Parsons	1500 b	-----	290	0.87	2.5	0.63	<0.50	<0.50	<10	<2	<2	<2
GMW-61	01/15/13	Parsons	130	140 b	2.7	<0.50	<0.50	<0.50	<0.50	<0.50	69	<2	<2	<2
GMW-61	04/11/13	Parsons	<100	340 b	0.43 J	<0.50	<0.50	<0.50	<0.50	<0.50	60	<2	<2	<2
GMW-61	10/08/13	Parsons	130 HD	390 HD	9.4	<0.50	<0.50	<0.50	<0.50	<0.50	210	<2	<2	<2
GMW-61	04/17/14	Parsons	220 HD	190 HD	9.9	<0.50	0.18 J	0.31	<0.50	<0.50	55	<2	<2	<2
GMW-61	10/29/14	SGI	120	200	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	110	<2.0	<2.0	<2.0
GMW-61	04/28/15	SGI	130	260	12	<0.50	<0.50	<1.5	<0.50	<2.0	130	<2.0	<2.0	<2.0
GMW-61	04/14/16	SGI	<100	330	0.65	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	10/07/16	SGI	<100	390	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	04/20/17	SGI	140	1,200	18	<0.50	<0.50	5.6	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	10/09/17	SGI	<100	1,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	04/23/18	SGI	<100	440	0.61	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	11/09/18	SGI	<100	610	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	04/18/19	SGI	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE (GMW-61)	04/18/19	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-61	11/06/19	SGI	<100	340	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/08/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	10/21/20	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/05/21	SGI/Apex	<100	21,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	11/06/21	SGI/Apex	<100	3,700	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/19/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	11/01/22	SGI/Apex	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	05/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	11/07/23	SGI/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	11/14/07	BT for Parsons	4,200	-----	1,400	85	160	92	<5	<5	<100	<20	<20	<20
GMW-62	02/07/08	BT for Parsons	4,100	-----	2,100	190	450	610	<5	<5	<100	<20	<20	<2.0
GMW-62	04/17/08	BT for Parsons	1,000	-----	430	15	50	24	<5	<5	<100	<20	<20	<20
GMW-62	07/29/08	BT for Parsons	2,400	-----	1,300	33	160	109	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/15/08	BT for Parsons	2,800	-----	1,700	19	220	161	<5	<5	<100	<20	<20	<20
GMW-62	02/12/09	BT for Parsons	3,600	-----	1,800	5.1	150	164	<5	<5	<100	<20	<20	<20
GMW-62	04/23/09	BT for Parsons	1,500	-----	370	<2.5	25	5.2	<2.5	<2.5	<50	<10	<10	<10
GMW-62	07/21/09	Blaine Tech for AMEC	1,800	-----	1,200	<2.5	67	36	<2.5	<2.5	<50	<10	<10	<10
GMW-62	10/21/09	BT for Parsons	2,200	-----	1,700	<2.5	43	13	<2.5	<2.5	<50	<10	<10	<10
GMW-62	01/12/10	BT for Parsons	-----	-----	3,900	<10	22	30	100	<1	<200	<40	<40	<40
GMW-62	04/14/10	BT for Parsons	2,400	-----	1,600	0.60	26	45	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-62	10/05/10	BT for Parsons	6,700	-----	1,200	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-62	11/05/18	SGL	8,400	2,600	1,500	<10	12	908	<10	<20	<200	<40	<40	<40
GMW-62	04/15/19	SGL	17,000	3,100	2,700	<5.0	660	2,100	<5.0	<10	<100	<20	<20	<20
GMW-62	10/28/19	SGL	1,500	7,800	14	<1.0	<1.0	25.2	<1.0	<2.4	<20	<4.0	<4.0	<4.0
DUP-1 (GMW-62)	10/28/19	SGL	2,100	12,000	12	<1.0	<1.0	25.1	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-62	05/04/20	SGL	2,200	130,000	160	<1.0	59	201	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-62	10/19/20	SGL	1,600	1,000	150	<1.0	100	139.3	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-62	05/03/21	SGL/Apex	1,000	6,200	13	<0.50	81	71	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-62)	05/03/21	SGL/Apex	830	2,300	8.1	<0.50	61	44	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	11/01/21	SGL/Apex	1,700	8,600	8.7	<0.50	47	26	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	05/09/22	SGL/Apex	510	760	1.4	<0.50	1.3	5.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	10/31/22	SGL/Apex	4,300	64,000	25	<0.50	3.4	2.99	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	05/01/23	SGL/Apex	810	2,400	4.3	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	11/06/23	SGL/Apex	<100	390	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	10/15/08	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	02/12/09	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/23/09	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/21/09	Blaine Tech for AMEC	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/22/09	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/12/10	BT for Parsons	-----	-----	0.39 J	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/14/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/05/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-63	01/10/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/12/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/11/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/12/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/09/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	07/09/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	01/14/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/09/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-63	12/17/14	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-63	04/20/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-63	10/21/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-63	04/11/16	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	10/03/16	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	04/17/17	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	10/02/17	SGL	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	10/25/17	SGL	-----	440	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-63	04/16/18	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	11/05/18	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	04/15/19	TSGS	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-63	10/28/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/04/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	10/19/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/03/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-63	11/01/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/09/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	10/31/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	05/01/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-63	11/06/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/15/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	02/12/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/23/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/21/09	Blaine Tech for AMEC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/21/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/12/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/14/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/05/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
GMW-64	01/10/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/12/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/11/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/12/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/17/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	07/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/17/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	01/14/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/09/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-64	12/17/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-64	04/20/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-64	10/21/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-64	04/11/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	10/03/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	04/17/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	10/02/17	SGI	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	10/25/17	SGI	----	620	----	----	----	----	----	----	----	----	----	----
GMW-64	04/16/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	11/05/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	04/15/19	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-64	10/28/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/04/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/19/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/03/21	SGI/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	11/01/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/09/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/31/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	05/01/23	SGI/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	11/06/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/22/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/12/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/14/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-65	10/05/10	BT for Parsons	-----	-----	0.32 J	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-65	01/10/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/13/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/11/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/12/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/09/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/18/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	07/09/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	01/14/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/09/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	10/07/13	Parsons	<100	210 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-65	12/17/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-65	04/20/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-65	10/21/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-65	04/11/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	10/03/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	04/17/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	10/02/17	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	10/25/17	SGI	-----	320	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-65	04/16/18	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	11/05/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	04/15/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-65	10/28/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/04/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/19/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/03/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	11/01/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/09/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	10/31/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	05/01/23	SGI/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	11/06/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66	10/22/09	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/19/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/06/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-66	04/12/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/12/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/08/13	Parsons	-----	130 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/07/13	Parsons	<100	150 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	04/15/14	Parsons	<100	96 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GMW-66	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-66R	04/13/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-66R	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-66R	04/18/17	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-66R	10/04/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-66R	04/17/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-66R	11/05/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE-1 (GMW-66R)	11/05/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-66R	04/16/19	SGI	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE (GMW-66R)	04/16/19	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-66R	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	10/21/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-66R)	10/21/20	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/05/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	11/03/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-66R)	11/03/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/11/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (GMW-66R)	05/11/22	SGI/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	11/07/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (GMW-66R)	11/07/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	07/21/15	SGI	550	<100	21	<0.50	34	74	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-67	10/21/15	SGI	900	140	71	<0.50	110	82	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-67	10/21/15	SGI	970	120	66	<0.50	100	77	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-67	04/13/16	SGI	310	<100	22	<0.50	73	6.8	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	10/03/16	SGI	<100	<100	4.2	<0.50	0.96	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	04/17/17	SGI	<100	<100	2.5	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	10/02/17	SGI	<100	520	2.6	<0.50	0.70	0.51	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	04/16/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-67)	04/16/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	11/05/18	SGI	<100	<100	0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	04/15/19	SGI	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE (GMW-67)	04/15/19	SGI	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-67	10/28/19	SGI	150	<100	0.75	<0.50	3.6	1.3	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/04/20	SGI	270	110	2.5	<0.50	5.6	8.9	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/19/20	SGI	110	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-67)	10/19/20	SGI	100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/03/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	11/01/21	SGI/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/09/22	SGI/Apex	110	<100	2.1	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-67)	05/09/22	SGI/Apex	100	<100	2.1	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	10/31/22	SGI/Apex	<100	<100	2.5	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	05/01/23	SGI/Apex	<100	320	0.86	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	11/06/23	SGI/Apex	120	<100	3.5	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-68	07/22/15	SGI	27,000	100	2,400	56	990	5,200	<10	<40	<200	<40	<40	<40
GMW-68	10/21/15	SGI	17,000	810	2,200	46	800	3,700	<10	<40	<200	<40	<40	<40
GMW-68	04/11/16	SGI	15,000	810	2,300	17	1,200	4,700	<10	<20	<200	<40	<40	<40
GMW-68	05/09/22	SGI/Apex	5,600	1,700	690	<10	78	61	<10	<24	<200	<40	<40	<40
GMW-68	10/31/22	SGI/Apex	1,900	2,300	110	<1.0	2.9	7.6	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-68	05/01/23	SGI/Apex	2,600	2,700	190	<1.0	2.6	1.6	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-68	11/06/23	SGI/Apex	330	2,000	1.5	<0.50	1.1	6.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-69	07/21/15	SGI	10,000	<100	500	14	550	1,570	<5.0	<20	<100	<20	<20	<20
GMW-69	10/21/15	SGI	2,900	330	350	<5.0	400	380	<5.0	<20	<100	<20	<20	<20
GMW-69	04/11/16	SGI	2,400	350	230	<2.5	390	360	<2.5	<5.0	<50	<10	<10	<10
DUP-1 (GMW 69)	04/11/16	SGI	2,900	340	260	1.3	390	360	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-69	10/03/16	SGI	1,600	210	240	<2.5	290	188	<2.5	<5.0	<50	<10	<10	<10
GMW-69	04/17/17	SGI	740	150	84	<1.0	140	16	<1.0	<2.0	<20	<4.0	<4.0	<4.0
GMW-69	10/02/17	SGI	2,100	380	220	<1.0	210	118	<1.0	<2.0	<20	<4.0	<4.0	<4.0
DUP-1 (GMW-69)	10/02/17	SGI	2,300	340	250	<2.5	250	118	<2.5	<5.0	<50	<10	<10	<10
GMW-69	10/25/17	SGI	----	830	870	4.8	950	1,000	<2.5	<5.0	<50	<10	<10	<10
GMW-69	04/16/18	SGI	3,600	530	370	<5.0	300	93	<5.0	<10	<100	<20	<20	<20
GMW-69	11/05/18	SGI	1,300	720	190	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20
GMW-69	04/15/19	SGI	130	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-69	10/28/19	SGI	710	180	58	<0.50	33	22	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/04/20	SGI	1,300	490	140	<0.50	5.8	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	10/19/20	SGI	930	300	110	<1.0	21	<3.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-69	05/03/21	SGI/Apex	530	280	28	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	11/01/21	SGI/Apex	770	340	21	<0.50	0.74	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/09/22	SGI/Apex	170	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	10/31/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-69)	10/31/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	05/01/23	SGI/Apex	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP (GMW-69)	05/01/23	SGI/Apex	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	11/06/23	SGI/Apex	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (GMW-69)	11/06/23	SGI/Apex	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-O-1	11/21/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	0.53	<5	----	----	----	----
GMW-O-1	07/09/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	0.85	<5	----	----	----	----
GMW-O-1	01/06/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-1	05/20/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-O-1	08/24/98	Geomatrix	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	11/04/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/02/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	<0.50	----	----	----	----
GMW-O-1	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
GMW-O-1	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	08/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.50	<0.50	----	----	----	----
GMW-O-1	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	11/06/01	Secor	<300	----	11	<0.50	0.70	0.60	0.50	<0.50	----	----	----	----
GMW-O-1	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GMW-O-1	01/29/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	07/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	----	----	----	----
GMW-O-1	08/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	09/20/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	12/08/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	03/12/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	08/28/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/20/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	08/13/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-1	02/23/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
GMW-O-1	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	03/15/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-1	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	04/20/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-1	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/06/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-1	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/21/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	12	<5	----	----	----	----
GMW-O-2	07/09/97	Terra Services	<100	<500	<0.50	0.50	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-2	01/07/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	13	<5	----	----	----	----
GMW-O-2	05/20/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	14	<0.50	----	----	----	----
GMW-O-2	11/11/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	05/05/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-O-2	11/16/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	----	----	----	----
GMW-O-2	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	----	----	----	----
GMW-O-2	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	11	<0.50	----	----	----	----
GMW-O-2	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	----	----	----	----
GMW-O-2	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	01/15/03	Geomatrix	<300	----	----	----	----	----	----	----	----	----	----	----
GMW-O-2	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	----	----	----	----
GMW-O-2	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	----	----	----	----
GMW-O-2	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	01/29/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	07/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	02/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	5.0	<0.50	----	----	----	----
GMW-O-2	08/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	09/20/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	12/08/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	03/12/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	08/28/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	02/20/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	08/13/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	10/16/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-2	02/23/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-2	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	03/16/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/13/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-2	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	04/20/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/06/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	05/03/23	BT for Jacobs	<50	<50	<0.50	0.61	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-2	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/27/96	Terra Services	----	----	2,900	1,000	1,200	1,950	<10	260	----	----	----	----
GMW-O-3	07/14/97	Terra Services	14,000	1,300	1,500	410	700	1,200	<10	<100	----	----	----	----
GMW-O-3	01/09/98	Terra Services	3,200	720	930	55	390	599	38	<50	----	----	----	----
GMW-O-3	05/26/98	Terra Services	5,400	----	850	20	170	140	<5	<5	----	----	----	----
GMW-O-3	08/26/98	Geomatrix	3,290	----	329	31	140	300	<2.5	<2.5	----	----	----	----
GMW-O-3	11/17/98	Alton Geoscience	4,800	----	1,500	<100	350	400	<100	<100	----	----	----	----
GMW-O-3	02/03/99	Alton Geoscience	3,800	<500	250	<2.5	34	17	<5	<2.5	----	----	----	----
GMW-O-3	05/07/99	Alton Geoscience	2,900	<500	170	1.2	3.4	5.3	<1	<0.50	----	----	----	----
GMW-O-3	08/10/99	Alton Geoscience	<500	<1,000	56	1.6	2.3	<1	1.2	<1	----	----	----	----
GMW-O-3	11/17/99	Secor	340	----	15	0.50	1.9	1.9	<0.50	<0.50	----	----	----	----
GMW-O-3	02/29/00	Secor	<300	----	12	<0.50	1.2	1.1	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GMW-O-3	05/17/00	Secor	1,800	----	290	32	33	180	<0.50	<0.50	----	----	----	----
GMW-O-3	08/29/00	Secor	580	----	130	2.5	13	23	<0.50	<0.50	----	----	----	----
GMW-O-3	11/28/00	Secor	1,500	----	350	13	43	93	<0.50	<0.50	----	----	----	----
GMW-O-3	02/05/01	Secor	1,800	----	420	26	40	55	<10	<10	----	----	----	----
GMW-O-3	05/10/01	Secor	2,000	----	380	4.5	32	42	<2.5	<2.5	----	----	----	----
GMW-O-3	09/19/01	Secor	840	----	230	<2.5	17	11	<2.5	<2.5	----	----	----	----
GMW-O-3	11/07/01	IT Corporation	520	----	120	<2.5	7.2	6.0	<2.5	<2.5	----	----	----	----
GMW-O-3	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	04/09/02	Secor	1,200	----	260	2.6	13	9.8	<0.50	<0.50	----	----	----	----
GMW-O-3	07/30/02	IT Corporation	380	----	150	1.6	5.1	4.6	<0.50	<0.50	----	----	----	----
GMW-O-3	10/24/02	Secor	310	----	79	0.65	1.9	1.2	<0.50	<0.50	----	----	----	----
GMW-O-3	01/15/03	Geomatrix	<300	----	----	----	----	----	----	----	----	----	----	----
GMW-O-3	01/28/03	Secor	550	----	140	3.0	9.1	14	<0.50	<0.50	----	----	----	----
GMW-O-3	04/08/03	Secor	660	----	170	1.6	9.2	<1	<2	<1	----	----	----	----
GMW-O-3	07/30/03	Secor	830	----	200	2.0	18	8.2	<3	<1.5	----	----	----	----
GMW-O-3	10/08/03	Secor	660	----	96	0.74	9.6	1.4	<1	<0.50	----	----	----	----
GMW-O-3	01/29/04	Secor	850	----	120	0.63	3.0	0.72	<1	<0.50	----	----	----	----
GMW-O-3	04/20/04	Secor	<50	----	65	<0.50	<0.50	0.56	<0.50	<0.50	----	----	----	----
GMW-O-3	07/20/04	Secor	370	----	29	<0.50	1.4	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	11/04/04	Secor	850	----	71	<0.50	2.7	<0.50	<1	<0.50	----	----	----	----
GMW-O-3	02/03/05	Secor	210	----	16	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	05/04/05	Secor	380	----	32	0.67	2.1	4.6	<0.50	<0.50	----	----	----	----
GMW-O-3	08/03/05	Secor	1,000	----	4.4	1.1	110	<1	<2	<1	----	----	----	----
GMW-O-3	11/01/05	Secor	1,300	----	35	2.3	67	50	<1	<0.50	----	----	----	----
GMW-O-3	02/28/06	Secor	640	----	26	<0.50	7.1	6.0	<0.50	<0.50	----	----	----	----
GMW-O-3	05/04/06	Secor	400	----	19	<0.50	0.71	1.2	<0.50	<0.50	----	----	----	----
GMW-O-3	09/19/06	Secor	110	----	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	12/08/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	03/13/07	Secor	51	----	<0.50	<0.50	1.1	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	05/03/07	Secor	72	----	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	08/28/07	Secor	65	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	11/14/07	Secor	170	----	3.1	<0.50	9.7	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	02/07/08	Secor	96	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	04/15/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	08/14/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	10/16/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-3	02/23/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
GMW-O-3	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	03/15/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/10/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-3	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	01/15/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-3	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	04/20/17	BT for CH2MHill	260	<50	1.3	<0.50	1.9	2.6	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	04/18/18	BT for Jacobs	110	110	<0.50	<0.50	2.6	6.3	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/07/18	BT for Jacobs	450	<50	2.2	3.0	25	100	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	04/17/19	BT for Jacobs	140	<50	<0.50	<0.50	2.3	6.9	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/06/20	BT for Jacobs	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	BT for Jacobs	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	BT for Jacobs	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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.66	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-3	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/22/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-4	07/09/97	Terra Services	<100	<500	<0.50	1.9	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-4	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-4	05/21/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	0.70	----	----	----	----
GMW-O-4	11/12/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-O-4	11/16/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	05/04/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-4	04/15/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	10/15/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	04/20/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/06/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4 (MID)	11/22/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-4 (MID)	07/09/97	Terra Services	<100	<500	<0.50	0.99	<0.50	<0.10	<0.50	<5	----	----	----	----
GMW-O-4 (MID)	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-4 (MID)	05/21/98	Terra Services	<300	----	----	----	----	----	----	----	----	----	----	----
GMW-O-4 (MID)	11/04/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	05/06/99	Alton Geoscience	----	----	----	----	----	----	----	<0.50	----	----	----	----
GMW-O-4 (MID)	05/06/99	Alton Geoscience	<500	<500	----	----	----	----	<1	----	----	----	----	----
GMW-O-4 (MID)	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-4 (MID)	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	05/04/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	04/15/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	10/15/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-4 (MID)	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-4 (MID)	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	11/22/96	Terra Services	----	----	11	5.7	9.2	32	<0.50	<5	----	----	----	----
GMW-O-5	07/09/97	Terra Services	<100	<500	<0.50	1.9	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-5	01/07/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	15	----	----	----	----
GMW-O-5	05/21/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-O-5	08/24/98	Geomatrix	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	11/04/98	Alton Geoscience	----	----	----	----	----	----	----	----	----	----	----	----
GMW-O-5	11/04/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	02/03/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	<0.50	----	----	----	----
GMW-O-5	05/05/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-O-5	08/10/99	Alton Geoscience	<500	<1,000	2.3	4.4	<1	2.9	<0.50	<1	----	----	----	----
GMW-O-5	11/16/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	02/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	08/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	01/15/03	Geomatrix	<300	----	----	----	----	----	----	----	----	----	----	----
GMW-O-5	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	10/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-5	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	10/15/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-5	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/04/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-5	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	04/20/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	10/30/19	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/04/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-5	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-6	11/22/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-6	07/09/97	Terra Services	<100	<500	<0.50	0.90	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-6	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-6	05/21/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-O-6	11/04/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	05/05/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-O-6	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	----	----	----	----
GMW-O-6	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	10/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-6	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-6	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-6	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-7	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-O-8	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.5	2.4	----	----	----	----
GMW-O-8	01/16/03	Geomatrix	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	05/04/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	12/08/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	10/16/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-8	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	11/22/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	46	<5	----	----	----	----
GMW-O-9	07/10/97	Terra Services	<100	<500	<0.50	3.6	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-9	01/07/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-9	05/21/98	Terra Services	----	----	<0.50	<0.50	<0.50	<0.60	12	<0.50	----	----	----	----
GMW-O-9	11/16/98	Alton Geoscience	<300	----	3.0	7.0	1.0	6.0	5.8	<0.50	----	----	----	----
GMW-O-9	05/05/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-O-9	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	17	<0.50	----	----	----	----
GMW-O-9	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	72	<0.50	----	----	----	----
GMW-O-9	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	53	<0.50	----	----	----	----
GMW-O-9	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	87	<0.50	----	----	----	----
GMW-O-9	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	53	<0.50	----	----	----	----
GMW-O-9	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-9	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	35	<0.50	----	----	----	----
GMW-O-9	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	50	<0.50	----	----	----	----
GMW-O-9	10/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	35	<0.50	----	----	----	----
GMW-O-9	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	15	<0.50	----	----	----	----
GMW-O-9	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	9.9	<0.50	----	----	----	----
GMW-O-9	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	61	<0.50	----	----	----	----
GMW-O-9	11/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-9	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	1.8	<0.50	----	----	----	----
GMW-O-9	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	----	----	----	----
GMW-O-9	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-9	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	5.9	<0.50	----	----	----	----
GMW-O-9	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-9	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-9	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/05/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	04/16/14	CHHL	<50	<50	1.2	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-9	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	04/13/16	BT for CH2MHill	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	04/20/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	3.3	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/06/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	7.1	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-9	11/10/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/26/96	Terra Services	----	----	450	18	37	22	81	1,300	----	----	----	----
GMW-O-10	07/14/97	Terra Services	17,000	900	4,200	2,800	650	1,600	<30	890	----	----	----	----
GMW-O-10	01/09/98	Terra Services	25,000	12,000	3,900	2,800	510	1,470	<10	1,200	----	----	----	----
GMW-O-10	05/27/98	Terra Services	<300	----	1.0	<0.50	<0.50	0.80	<0.50	1.0	----	----	----	----
GMW-O-10	11/16/98	Alton Geoscience	6,840	----	2,900	540	320	310	<13	2,000	----	----	----	----
GMW-O-10	05/07/99	Alton Geoscience	<500	<500	6.2	<0.50	0.61	<0.50	<1	0.64	----	----	----	----
GMW-O-10	11/16/99	Secor	32,000	----	8,300	5,700	860	2,640	<25	2,600	----	----	----	----
GMW-O-10	05/17/00	Secor	18,000	----	4,500	3,300	450	1,420	<25	1,300	----	----	----	----
GMW-O-10	11/29/00	Secor	18,000	----	4,200	2,900	430	1,260	<25	1,400	----	----	----	----
GMW-O-10	05/10/01	Secor	7,900	----	2,400	810	150	280	<10	950	----	----	----	----
GMW-O-10	11/07/01	IT Corporation	8,100	----	1,200	120	<10	540	<10	1,100	----	----	----	----
GMW-O-10	04/11/02	Secor	960	----	190	18	5.1	157	10	610	----	----	----	----
GMW-O-10	10/24/02	Secor	2,000	----	270	27	<5	60	<5	290	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
GMW-O-10	04/10/03	Secor	13,000	----	3,600	370	460	780	<50	520	----	----	----	----
GMW-O-10	08/01/03	Secor	5,800	----	2,600	220	320	460	20	580	----	----	----	----
GMW-O-10	10/08/03	Secor	4,900	----	1,500	240	160	275	24	460	----	----	----	----
GMW-O-10	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-10	11/04/04	Secor	8,900	----	3,900	85	400	409	<30	590	----	----	----	----
GMW-O-10	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-10	11/02/05	Secor	52	----	19	0.50	<0.50	<0.50	1.0	10	----	----	----	----
GMW-O-10	05/05/06	Secor	12,000	----	4,100	1,800	380	640	<50	160	----	----	----	----
GMW-O-10	12/07/06	Secor	8,900	----	4,000	470	320	310	<50	190	----	----	----	----
GMW-O-10	05/04/07	Secor	3,800	----	1,600	10	<10	120	<20	160	----	----	----	----
GMW-O-10	11/14/07	Secor	12,000	----	5,100	54	340	325	<50	190	----	----	----	----
GMW-O-10	04/18/08	Secor	1,300	----	680	<5	14	11	<10	23	----	----	----	----
GMW-O-10	08/14/08	Secor	1,600	----	820	5.3	31	42	<10	<5	----	----	----	----
GMW-O-10	10/21/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	----	----	----	----
GMW-O-10	04/22/09	Blaine Tech for AMEC	180	----	37	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-10	10/22/09	Blaine Tech	99	----	6.9	<0.50	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	05/27/10	Blaine Tech	370	----	77	1.2	<0.50	<0.50	<1	0.87	<10	<1	<1	<1
GMW-O-10	10/07/10	Blaine Tech	380	----	42	1.2	0.51	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-10	04/13/11	Blaine Tech	270	----	39	1.0	<0.50	<0.50	<0.50	0.77	<10	<1	<1	<1
GMW-O-10	10/13/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/19/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/11/13	CHHL	110	<50	0.54	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/11/13	CHHL	75	64	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	04/17/14	CHHL	140	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-10	10/30/14	BT for CH2MHill	110	51	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	10/30/14	BT for CH2MHill	<100	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	04/23/15	BT for CH2MHill	160	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	04/23/15	BT for CH2MHill	110	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	10/26/15	BT for CH2MHill	160	180 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	10/26/15	BT for CH2MHill	170	110 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	04/14/16	BT for CH2MHill	910	89	430	12	16	<2.5	<5	<2.5	<50	<5	<5	<5
DUP-5 (GMW O 10)	04/14/16	BT for CH2MHill	890	78	420	12	16	<2.5	<5	<2.5	<50	<5	<5	<5
GMW-O-10	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (GMW-O-10)	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	04/21/17	BT for CH2MHill	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	10/04/17	BT for CH2MHill	73	<50	28	<0.50	<0.50	<0.50	6.3	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	7.0	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	11	<0.50	<10	1.2	<1.0	<1.0
GMW-O-10	05/06/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	05/05/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-10	11/10/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-11	10/04/10	Blaine Tech	10,000	-----	4,200	220	89	170	<30	160	560	32	<30	<30
GMW-O-11	05/04/21	BT for Jacobs	<100	1,300	<0.50	<0.50	<0.50	<0.50	<1.0	1.9	170	6.5	<1.0	<1.0
GMW-O-11	11/05/21	BT for Jacobs	95	1,100	2.4	0.65	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-11	05/12/22	BT for Jacobs	290	1,700	1.7	<0.50	<0.50	<0.50	<0.50	1.2	20	1.5	<1.0	<1.0
GMW-O-11	05/05/23	BT for Jacobs	<200	1,000	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-O-11	11/08/23	BT for Jacobs	<200	560	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-O-12	10/05/10	Blaine Tech	23,000	-----	12,000	<50	<50	<50	<100	71	<1,000	<100	<100	<100
GMW-O-12	04/14/11	Blaine Tech	16,000	-----	7,300	<25	<25	<25	<50	25	<500	<50	<50	<50
GMW-O-12	10/13/11	CH2M Hill	20,000	-----	11,000	<100	<100	<100	<200	<100	<2,000	<200	<200	<200
GMW-O-12	04/20/12	CH2M Hill	29,000	260,000	12,000	<50	<50	<50	<100	<50	<1,000	<100	<100	<100
GMW-O-12	10/19/12	CHHL	12,000	120,000	4,700	<25	<25	<25	<50	<25	<500	<50	<50	<50
GMW-O-12	04/12/13	CHHL	34,000	160,000	13,000	<100	<100	<100	<200	<100	<2,000	<200	<200	<200
GMW-O-12	10/11/13	CHHL	30,000	73,000	13,000	<63	<63	<63	<130	<63	<1,300	<130	<130	<130
GMW-O-12	05/05/23	CHHL	<500	43,000	<2.5	<2.5	<2.5	<2.5	< 5.0	<2.5	< 50	< 5.0	< 5.0	< 5.0
GMW-O-12	11/08/23	BT for Jacobs	<2,000	11,000	<10	<10	<10	<10	<20	<10	<200	<20	<20	<20
GMW-O-14	11/27/96	Terra Services	88,000	74,000	4,500	3,200	520	2,600	440	<300	-----	-----	-----	-----
GMW-O-14	07/17/97	Terra Services	160,000	610,000	7,600	4,900	2,200	43,000	<500	<5,000	-----	-----	-----	-----
GMW-O-14	01/09/98	Terra Services	33,000	780,000	7,200	4,500	510	2,300	<30	<300	-----	-----	-----	-----
GMW-O-14	05/27/98	Terra Services	3,500	-----	330	<2.5	80	88	<2.5	<0.50	-----	-----	-----	-----
GMW-O-14	11/17/98	Alton Geoscience	3,850	-----	5,000	3,840	1,040	4,510	<100	<100	-----	-----	-----	-----
GMW-O-14	11/17/98	Alton Geoscience	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-O-14	05/07/99	Alton Geoscience	23,000	54,000	5,100	3,400	650	2,800	<50	<20	-----	-----	-----	-----
GMW-O-14	11/18/99	Secor	26,000	-----	5,900	4,100	780	2,500	<50	<50	-----	-----	-----	-----
GMW-O-14	05/17/00	Secor	10,000	-----	2,300	630	370	820	<50	<100	-----	-----	-----	-----
GMW-O-14	11/29/00	Secor	42,000	-----	8,800	5,000	1,200	4,400	<50	<50	-----	-----	-----	-----
GMW-O-14	05/10/01	Secor	5,200	-----	100	34	96	237	<1	<1	-----	-----	-----	-----
GMW-O-14	11/07/01	IT Corporation	15,000	-----	3,900	890	640	1,280	<1	<2	-----	-----	-----	-----
GMW-O-14	04/09/02	Secor	38,000	-----	7,400	2,700	990	3,200	<13	24	-----	-----	-----	-----
GMW-O-14	07/30/02	IT Corporation	11,000	-----	4,900	2,300	550	1,890	<13	14	-----	-----	-----	-----
GMW-O-14	10/24/02	Secor	26,000	-----	7,100	3,500	970	3,500	<25	<25	-----	-----	-----	-----
GMW-O-14	01/28/03	Secor	39,000	-----	12,000	8,400	1,500	5,600	<25	38	-----	-----	-----	-----
GMW-O-14	03/12/03	Geomatrix	1,500	-----	760	72	66	115	<2.5	14	-----	-----	-----	-----
GMW-O-14	04/09/03	Secor	33,000	-----	5,100	2,900	990	3,300	<40	<20	-----	-----	-----	-----
GMW-O-14	07/30/03	Secor	20,000	-----	3,100	1,900	790	3,200	74	<15	-----	-----	-----	-----
GMW-O-14	10/09/03	Secor	43,000	-----	8,700	4,200	1,300	5,300	180	<50	-----	-----	-----	-----
GMW-O-14	01/29/04	Secor	55,000	-----	13,000	6,900	1,400	5,600	240	<50	-----	-----	-----	-----
GMW-O-14	04/20/04	Secor	54,000	-----	11,000	5,700	1,500	6,100	170	<50	-----	-----	-----	-----
GMW-O-14	07/20/04	Secor	72,000	-----	13,000	8,200	1,700	7,400	200	<50	-----	-----	-----	-----
GMW-O-14	11/04/04	Secor	41,000	-----	9,000	7,000	1,300	5,500	<200	<100	-----	-----	-----	-----
GMW-O-14	02/03/05	Secor	34,000	-----	8,600	2,300	950	3,100	69	34	-----	-----	-----	-----
GMW-O-14	05/04/05	Secor	420	-----	11	1.6	18	19	6.5	<0.50	-----	-----	-----	-----
GMW-O-14	08/03/05	Secor	15,000	-----	160	600	290	1,840	<10	<5	-----	-----	-----	-----
GMW-O-14	11/02/05	Secor	14,000	-----	320	350	160	2,690	<40	<20	-----	-----	-----	-----
GMW-O-14	02/28/06	Secor	8,200	-----	860	87	18	1,020	15	<5	-----	-----	-----	-----
GMW-O-14	05/05/06	Secor	6,700	-----	1,500	77	<10	450	35	<10	-----	-----	-----	-----
GMW-O-14	09/20/06	Secor	6,900	-----	1,400	250	39	640	30	<10	-----	-----	-----	-----
GMW-O-14	12/07/06	Secor	9,000	-----	1,400	150	27	501	36	<10	-----	-----	-----	-----
GMW-O-14	03/12/07	Secor	4,700	-----	1,000	180	26	400	23	<5	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-14	05/04/07	Secor	8,200	----	1,700	330	48	570	44	<10	----	----	----	----
GMW-O-14	08/28/07	Secor	12,000	----	75	110	200	1,000	<5	<2.5	----	----	----	----
GMW-O-14	11/15/07	Secor	16,000	----	320	300	520	2,470	<20	<10	----	----	----	----
GMW-O-14	02/20/08	Secor	35,000	----	7,900	1,900	1,200	3,400	<100	<50	----	----	----	----
GMW-O-14	04/15/08	Secor	26,000	----	4,900	1,800	840	2,800	59	<25	----	----	----	----
GMW-O-14	08/14/08	Secor	25,000	----	4,300	1,100	730	2,800	70	<25	----	----	----	----
GMW-O-14	10/16/08	Stantec	21,000	----	3,200	940	500	3,000	<30	<15	----	----	----	----
GMW-O-14	02/23/09	Blaine Tech	30,000	----	6,100	3,500	1,200	3,900	77	<25	<500	----	----	----
GMW-O-14	04/22/09	Blaine Tech for AMEC	36,000	----	9,300	2,300	1,300	3,500	120	<50	<1,000	170	<100	<100
GMW-O-14	07/22/09	Blaine Tech	32,000	----	7,800	1,900	1,500	4,100	86	<25	<500	130	<50	<50
GMW-O-14	10/23/09	Blaine Tech	40,000	----	14,000	1,900	1,500	3,500	<200	<100	<2,000	<200	<200	<200
GMW-O-14	03/16/10	Blaine Tech	57,000	----	14,000	6,200	1,700	4,700	<200	<100	<2,000	310	<200	<200
GMW-O-14	05/28/10	Blaine Tech	26,000	----	7,900	1,500	370	2,180	110	<25	<500	180	<50	<50
GMW-O-14	07/14/10	Blaine Tech	22,000	----	7,900	420	77	1,500	100	<50	<1,000	130	<100	<100
GMW-O-14	10/07/10	Blaine Tech	16,000	----	5,900	200	220	680	<100	<50	<1,000	<100	<100	<100
GMW-O-14	01/11/11	Blaine Tech	49,000	----	12,000	5,500	1,400	2,700	120	<50	<1,000	190	<100	<100
GMW-O-14	04/13/11	Blaine Tech	26,000	----	8,200	470	680	2,300	<100	<50	<1,000	160	<100	<100
GMW-O-14	07/12/11	CH2M Hill	12,000	----	3,800	50	<25	1,800	<50	<25	<500	<50	<50	<50
GMW-O-14	10/12/11	CH2M Hill	16,000	----	4,000	55	<25	2,500	<50	<25	<500	<50	<50	<50
GMW-O-14	01/09/12	CH2M Hill	38,000	----	9,000	2,200	1,200	4,300	<200	<100	<2,000	<200	<200	<200
GMW-O-14	04/20/12	CH2M Hill	47,000	2,500	11,000	1,100	1,500	5,000	<100	<50	<1,000	170	<100	<100
GMW-O-14	07/10/12	CHHL	48,000	390	12,000	3,500	1,200	3,700	<100	<50	<1,000	270	<100	<100
GMW-O-14	10/18/12	CHHL	15,000	2,700	2,600	1,100	520	1,800	<50	<25	<500	70	<50	<50
GMW-O-14	01/15/13	CHHL	7,000	8,300	1,200	72	420	1,300	<20	<10	<200	25	<20	<20
GMW-O-14	04/11/13	CHHL	27,000	3,700	6,900	200	1,800	2,300	61	<25	<500	180	<50	<50
GMW-O-14	10/11/13	CHHL	54,000	3,000	14,000	760	2,200	3,000	<130	64	<1,300	260	<130	<130
GMW-O-14	04/16/14	CHHL	32,000	1,900	9,700	130	1,500	1,500	<200	<100	<2,000	<200	<200	<200
GMW-O-14	10/31/14	BT for CH2MHill	19,000	1,300	6,600	50	730	350	<50	<25	<500	200	<50	<50
GMW-O-14	10/31/14	BT for CH2MHill	25,000	1,600	6,200	110	710	710	<50	<25	<500	200	<50	<50
GMW-O-14	04/23/15	BT for CH2MHill	15,000	1,100	6,900	59	530	92	<50	26	2,000	220	<50	<50
GMW-O-14	04/23/15	BT for CH2MHill	12,000	870	5,500	47	420	71	<50	<25	<500	180	<50	<50
GMW-O-14	10/26/15	BT for CH2MHill	24,000	890 HD	12,000	<100	570	<100	<200	<100	<2,000	220	<200	<200
GMW-O-14	10/26/15	BT for CH2MHill	25,000	820 HD	12,000	<100	560	<100	<200	<100	<2,000	220	<200	<200
GMW-O-14	04/15/16	BT for CH2MHill	3,200	930	1,300	<10	<10	<10	<20	13	<200	100	<20	<20
DUP-6 (GMW O 14)	04/15/16	BT for CH2MHill	3,400	720	1,400	<10	<10	<10	<20	13	<200	110	<20	<20
GMW-O-14	10/07/16	BT for CH2MHill	30,000	640	12,000	72	390	290	<100	<50	<1,000	220	<100	<100
DUP-7 (GMW-O-14)	10/07/16	BT for CH2MHill	32,000	530	12,000	85	470	330	<100	<50	<1,000	230	<100	<100
GMW-O-14	04/21/17	BT for CH2MHill	250	620	0.59	<0.50	0.82	2.4	3.7	3.5	15	30	<1.0	<1.0
DUP-7 (GMW-O-14)	04/21/17	BT for CH2MHill	330	680	1.2	<0.50	1.0	2.9	4.5	4.6	19	40	<1.0	1.9
GMW-O-14	10/06/17	BT for CH2MHill	13,000	2,300	5,700	140	190	150	<50	<25	<500	190	<50	<50
DUP-7 (GMW-O-14)	10/06/17	BT for CH2MHill	13,000	2,400	5,700	150	190	150	<50	<25	<500	190	<50	<50
GMW-O-14	04/20/18	BT for Jacobs	1,400	1,900	640	<4	<4	4.1	<8	11	<80	130	<8	<8
DUP (GMW-O-14)	04/20/18	BT for Jacobs	1,500	1,700	650	<4	<4	<4	<8	11	<80	140	<8	<8
GMW-O-14	11/09/18	BT for Jacobs	8,600	620	5,100	<40	<40	<40	<80	<40	<800	150	<80	<80
DUP-7 (GMW-O-14)	11/09/18	BT for Jacobs	<8,000	680	4,200	<40	<40	<40	<80	<40	<800	140	<80	<80
GMW-O-14	04/18/19	BT for Jacobs	1,000 J	290	310 J	<1	2.1 J	<1	3 J	6.1	46	73	<2	<2
DUPE (GMW-O-14)	04/18/19	BT for Jacobs	620 J	310	210 J	<1	1 J	<1	2.2 J	5.8	49	64	<2	<2
GMW-O-14	11/01/19	BT for Jacobs	28,000	1,300	13,000	88	520	500	<100	<50	<1,000	190	<100	<100
DUP-7 (GMW-O-14)	11/01/19	BT for Jacobs	28,000	1,200	13,000	97	560	500	<100	<50	<1,000	190	<100	<100
GMW-O-14	05/06/20	BT for Jacobs	1,300	940	320	2.5	<2.0	6.6	<4.0	3.4	44	69	<4.0	<4.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
DUP (GMW-O-14)	05/06/20	BT for Jacobs	1,400	930	340	2.8	2.0	7.8	<4.0	3.5	46	74	<4.0	<4.0
GMW-O-14	11/09/20	BT for Jacobs	5,700	2,600	2,500	13	<10	<10	<20	<10	<200	110	<20	<20
DUP-7 (GMW-O-14)	11/09/20	BT for Jacobs	5,400	2,500	2,400	13	<10	<10	<20	<10	<200	120	<20	<20
GMW-O-14	05/05/21	BT for Jacobs	730 J	1,000	220	3.2	2.7	5.3	<2.0	2.0	55	50	<2.0	<2.0
DUP-6 (GMW-O-14)	05/05/21	BT for Jacobs	1,000 J	980	290	4.2	3.4	6.9	<2.0	2.4	65	58	<2.0	<2.0
GMW-O-14	11/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-7 (GMW-O-14)	11/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (GMW-O-14)	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	11/04/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-7 (GMW-O-14)	11/04/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP (GMW-O-14)	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-4 (GMW-O-14)	11/09/23	BT for Jacobs	<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	Stantec	1,700	-----	550	3.0	37	34	<5	110	-----	-----	-----	-----
GMW-O-15	03/16/10	Blaine Tech	530	-----	10	1.1	0.64	2.7	<0.50	400	<10	<1	<1	<1
GMW-O-15	04/16/10	Blaine Tech	6,700	-----	1,700	54	120	176	<10	1,300	1,800	<10	<10	11
GMW-O-15	05/25/10	Blaine Tech	650	-----	82	16	8.4	44	<2	180	1,500	<2	<2	<2
GMW-O-15	07/13/10	Blaine Tech	580	-----	110	7.5	11	27	<1	300	5,100	<1	<1	1.5
GMW-O-15	08/12/10	Blaine Tech	710	-----	120	4.1	10	34	<1	260	5,300	<1	<1	1.5
GMW-O-15	09/20/10	Blaine Tech	620	-----	120	3.3	13	24	<1	230	6,000	<1	<1	1.4
GMW-O-15	10/05/10	Blaine Tech	14,000	-----	1,800	280	92	760	<20	3,200	3,000	<20	<20	35
GMW-O-15	12/22/10	Blaine Tech	28,000	-----	3,900	610	850	3,000	<40	1,900	1,300	<40	<40	<40
GMW-O-15	01/12/11	Blaine Tech	12,000	-----	1,300	49	280	700	<20	430	12,000	<20	<20	<20
GMW-O-15	02/24/11	Blaine Tech	12,000	-----	700	450	310	1,300	<10	970	4,100	<10	<10	20
GMW-O-15	03/23/11	Blaine Tech	2,400	-----	210	47	39	190	<2	310	3,600	<2	<2	5.2
GMW-O-15	04/29/11	Blaine Tech	1,200	-----	250	27	27	154	<2	350	3,900	<2	<2	2.4
GMW-O-15	05/13/11	Blaine Tech	1,300	-----	200	18	22	127	<2	350	6,600	<2	<2	3.6
GMW-O-15	06/22/11	Blaine Tech	1,800	-----	190	95	34	220	<1	310	6,800	<1	<1	1.8
GMW-O-15	07/12/11	CH2M Hill	1,000	-----	150	17	14	97	<2	220	6,400	<2	<2	<2
GMW-O-15	08/19/11	CH2M Hill	33,000	-----	820	2,200	610	4,400	<50	290	9,200	<50	<50	<50
GMW-O-15	09/22/11	CH2M Hill	3,400	-----	480	290	58	320	<5	640	6,800	<5	<5	10
GMW-O-15	10/13/11	CH2M Hill	3,900	-----	530	290	73	460	<10	220	3,200	<10	<10	<10
GMW-O-15	12/21/11	CH2M Hill	520	-----	110	1.5	5.7	22	<2	79	5,300	<2	<2	<2
GMW-O-15	01/10/12	CH2M Hill	470	-----	110	1.3	6.9	15	<1	86	4,300	<1	<1	1.2
GMW-O-15	02/23/12	CH2M HILL	4,800	-----	340	390	85	600	<5	110	4,000	<5	<5	17
GMW-O-15	03/28/12	CH2M HILL	1,300	120	230	68	13	110	<2	99	4,600	<2	<2	<2
GMW-O-15	04/27/12	CH2M Hill	2,100	1,300	180	67	16	160	<1	49	4,300	<1	<1	1.0
GMW-O-15	05/25/12	CH2M HILL	110,000	24,000	320	270	420	3,400	<100	190	<1,000	<100	<100	100
GMW-O-15	07/11/12	CHHL	17,000	13,000	6,700	63	120	270	<100	1,500	1,600	<100	<100	<100
GMW-O-15	08/29/12	CHHL	190	89	73	1.2	3.3	8.1	<0.50	22	5,300	<1	<1	<1
GMW-O-15	09/26/12	CHHL	220	<50	53	0.74	3.7	7.3	<0.50	17	2,900	<1	<1	<1
GMW-O-15	10/18/12	CHHL	210	140	50	<0.50	3.3	5.9	<1	13	2,600	<1	<1	<1
GMW-O-15	11/29/12	CHHL	380	75	140	1.3	3.0	6.4	<2	33	3,900	<2	<2	<2
GMW-O-15	12/26/12	CHHL	1,400	110	100	23	3.4	20	<0.50	22	3,900	<1	<1	<1
GMW-O-15	01/15/13	CHHL	1,200	<50	240	29	16	45	<3	52	3,100	<3	<3	<3
GMW-O-15	02/20/13	CHHL	230	<50	59	<0.50	2.5	3.2	<1	14	3,100	<1	<1	<1
GMW-O-15	04/12/13	CHHL	460	110	89	2.3	4.6	5.5	<1	36	3,600	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-15	10/11/13	CHHL	56,000	88,000	7,600	2,300	750	4,100	<100	8,000	7,100	<100	<100	<100
GMW-O-15	10/27/15	BT for CH2MHill	120,000	490,000	12,000	16,000	2,200	12,000	<200	8,800	<2,000	<200	<200	210
GMW O 15	04/14/16	BT for CH2MHill	370,000	82,000	5,700	15,000	4,600	36,000	<200	2,800	3,400	<200	<200	<200
GMW-O-15	11/08/18	BT for Jacobs	11,000	1,600	140	67	30	1,300	<10	650	2,800	<10	<10	14
GMW-O-15	10/31/19	BT for Jacobs	4,400	6,700	470	5.0	35	470	<8.0	530	5,900	<8.0	<8.0	18
GMW-O-15	05/08/20	BT for Jacobs	9,200	13,000	1,600	9.6	140	650	<10	3,100	8,900	<10	<10	34
GMW-O-15	11/06/20	BT for Jacobs	<1,000	5,600	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<100	<10	<10	<10
GMW-O-16	11/27/96	Terra Services	----	----	570	67	14	360	<5	120	----	----	----	----
GMW-O-16	07/17/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	310	----	----	----	----
GMW-O-16	01/06/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-16	05/20/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	76	----	----	----	----
GMW-O-16	11/13/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.70	----	----	----	----
GMW-O-16	05/07/99	Alton Geoscience	<500	<500	0.66	<0.50	<0.50	0.72	<1	7.6	----	----	----	----
GMW-O-16	11/18/99	Secor	<416	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	----	----	----	----
GMW-O-16	11/30/00	Secor	<300	----	0.80	<0.50	<0.50	<0.50	<0.50	0.60	----	----	----	----
GMW-O-16	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	10/22/02	Secor	<300	----	1.6	0.98	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	04/22/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	07/20/04	Secor	----	----	----	----	----	----	----	----	----	----	----	----
GMW-O-16	11/02/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	05/05/05	Secor	92	----	1.6	<0.50	<0.50	<0.50	<0.50	110	----	----	----	----
GMW-O-16	08/02/05	Secor	57	----	1.3	<0.50	<0.50	<0.50	<0.50	93	----	----	----	----
GMW-O-16	11/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	57	----	----	----	----
GMW-O-16	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	5.3	----	----	----	----
GMW-O-16	05/04/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	6.3	----	----	----	----
GMW-O-16	09/19/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	----	----	----	----
GMW-O-16	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	05/05/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-16	02/07/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	----	----	----	----
GMW-O-16	04/16/08	Secor	<50	----	<0.50	1.2	0.59	5.5	<0.50	0.63	----	----	----	----
GMW-O-16	10/14/08	Stantec	<50	----	<0.50	<0.50	<0.50	0.60	<0.50	0.65	----	----	----	----
GMW-O-16	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.55	<10	<1	<1	<1
GMW-O-16	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	03/16/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	04/16/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1	<1	<1
GMW-O-16	07/13/10	Blaine Tech	<50	----	0.73	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	08/12/10	Blaine Tech	<50	----	0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	09/20/10	Blaine Tech	<50	----	0.69	<0.50	<0.50	<0.50	<0.50	3.1	<10	<1	<1	<1
GMW-O-16	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	11/16/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.0	<10	<1	<1	<1
GMW-O-16	12/22/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1	<1	<1
GMW-O-16	01/11/11	Blaine Tech	<50	----	0.52	<0.50	<0.50	<0.50	<0.50	0.94	<10	<1	<1	<1
GMW-O-16	02/24/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-16	03/23/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1	<1	<1
GMW-O-16	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	05/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	06/22/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<1	<1	<1
GMW-O-16	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	08/19/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	09/22/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1	<1	<1
GMW-O-16	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1	<1	<1
GMW-O-16	11/28/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	12/21/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	0.50	<0.50	1.8	<10	<1	<1	<1
GMW-O-16	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	1.4	<0.50	3.4	<10	<1	<1	<1
GMW-O-16	02/23/12	CH2M HILL	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<1	<1	<1
GMW-O-16	03/28/12	CH2M HILL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1	<1	<1
GMW-O-16	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<10	<1	<1	<1
GMW-O-16	05/25/12	CH2M HILL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	06/15/12	CH2M HILL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	07/10/12	CHHL	<50	<50	2.5	1.1	<0.50	0.70	<0.50	0.57	<10	<1	<1	<1
GMW-O-16	08/29/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	09/26/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	0.89	<0.50	0.70	<10	<1	<1	<1
GMW-O-16	11/29/12	CHHL	<50	83	<0.50	<0.50	<0.50	0.56	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	12/26/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1	<1	<1
GMW-O-16	01/15/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	<10	<1	<1	<1
GMW-O-16	02/20/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1	<1	<1
GMW-O-16	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/10/13	CHHL	170	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	24	<1	<1	<1
GMW-O-16	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-16	10/29/14	BT for CH2MHill	<50	<50	0.89	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	04/22/15	BT for CH2MHill	89	<50	2.5	<0.50	<0.50	<0.50	<0.50	<0.50	22	<1.0	<1.0	<1.0
GMW-O-16	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW O 16	04/14/16	BT for CH2MHill	<50	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	04/18/17	BT for CH2MHill	66	<50	1.2	<0.50	<0.50	<0.50	<0.50	4.0	<10	<1.0	<1.0	<1.0
GMW-O-16	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	04/19/19	BT for Jacobs	<50	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	10/31/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
GMW-O-16	05/08/20	BT for Jacobs	<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	BT for Jacobs	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	BT for Jacobs	<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	BT for Jacobs	<50	69	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-16	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.70	<10	<1.0	<1.0	<1.0
GMW-O-16	11/07/23	BT for Jacobs	<50	60	<0.50	<0.50	<0.50	<0.50	<0.50	20	<10	<1.0	<1.0	<1.0
GMW-O-17	11/22/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-O-17	07/10/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	----	----	----	----
GMW-O-17	01/07/98	Terra Services	<100	<500	<0.50	0.64	<0.50	<1.5	<0.50	<5	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-17	05/21/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-O-17	11/04/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	05/05/99	Alton Geoscience	<500	<500	0.64	<0.50	<0.50	<0.50	<1	0.58	----	----	----	----
GMW-O-17	11/16/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	10/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-17	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	26	<1	<1	<1
GMW-O-17	07/02/13	CHHL	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-17	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	04/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW O 17	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	04/21/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	10/30/19	BT for Jacobs	<50	93	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/06/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/11/22	BT for Jacobs	<50	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	05/04/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-17	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-18	11/26/96	Terra Services	----	----	<10	<10	<10	<30	<10	10,000	----	----	----	----
GMW-O-18	07/11/97	Terra Services	<100	<500	<3	<3	<3	<3	<3	3,000	----	----	----	----
GMW-O-18	01/07/98	Terra Services	<100	<500	<5	<5	<5	<15	<5	3,200	----	----	----	----
GMW-O-18	05/21/98	Terra Services	2,000	----	<100	<100	<100	<200	<100	5,600	----	----	----	----
GMW-O-18	11/17/98	Alton Geoscience	543	----	<0.50	1.0	<0.50	2.6	<0.50	1,420	----	----	----	----
GMW-O-18	05/06/99	Alton Geoscience	2,700	<500	<5	<5	<5	<5	<13	15,000	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-18	11/18/99	Secor	2,900	----	<13	<12.5	<12.5	<12.5	<13	6,700	----	----	----	----
GMW-O-18	05/19/00	Secor	3,500	----	<25	<25	<25	<25	<25	10,000	----	----	----	----
GMW-O-18	11/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	----	----	----	----
GMW-O-18	05/09/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	----	----	----	----
GMW-O-18	12/07/06	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	0.65	----	----	----	----
GMW-O-18	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	----	----	----	----
GMW-O-18	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	----	----	----	----
GMW-O-18	04/15/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-O-18	10/15/08	Stantec	<200	----	<1	<1	<1	<1	<2	<1	----	----	----	----
GMW-O-18	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	140	<1	<1	<1
GMW-O-18	10/21/09	Blaine Tech	2,400	----	170	440	17	410	<5	490	480	<5	<5	<5
GMW-O-18	03/16/10	Blaine Tech	<50	----	0.60	1.3	<0.50	1.8	<0.50	4.5	550	<1	<1	<1
GMW-O-18	04/16/10	Blaine Tech	1,300	----	0.67	<0.50	3.1	13	<0.50	1.2	2,400	<1	<1	<1
GMW-O-18	05/25/10	Blaine Tech	110	----	<0.50	<0.50	<0.50	<0.50	<1	2.9	6,500	<1	<1	<1
GMW-O-18	07/14/10	Blaine Tech	110	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	11,000	<1	<1	<1
GMW-O-18	08/12/10	Blaine Tech	220	----	0.64	<0.50	<0.50	<0.50	<1	0.93	15,000	<1	<1	<1
GMW-O-18	09/20/10	Blaine Tech	290	----	1.1	<0.50	<0.50	0.55	<1	1.2	23,000	<1	<1	<1
GMW-O-18	10/05/10	Blaine Tech	4,000	----	1,200	420	23	91	<10	670	2,600	<10	<10	<10
GMW-O-18	11/16/10	Blaine Tech	2,000	----	<0.50	<0.50	<0.50	<0.50	<1	0.53	21,000	<1	<1	<1
GMW-O-18	01/12/11	Blaine Tech	<3000	----	<1	<1	<1	<1	<2	<1	29,000	<2	<2	<2
GMW-O-18	02/24/11	Blaine Tech	1,400	----	60	31	19	85	<0.50	380	1,600	<1	<1	3.9
GMW-O-18	03/23/11	Blaine Tech	110	----	6.0	1.4	1.1	6.3	<0.50	2.9	3,300	<1	<1	<1
GMW-O-18	04/29/11	Blaine Tech	<50	----	3.7	<0.50	<0.50	1.7	<0.50	7.5	780	<1	<1	<1
GMW-O-18	05/13/11	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-O-18	06/22/11	Blaine Tech	7,500	----	<0.50	<0.50	<0.50	440	<1	5.5	3,200	<1	<1	<1
GMW-O-18	08/19/11	CH2M Hill	2,600	----	17	3.9	3.2	40	<2	85	61	<2	<2	<2
GMW-O-18	09/22/11	CH2M Hill	34,000	----	700	110	690	5,300	<50	400	6,100	<50	<50	54
GMW-O-18	10/14/11	CH2M Hill	6,000	----	190	13	36	100	<20	1,600	6,600	<20	<20	26
GMW-O-18	11/23/11	CH2M Hill	25,000	----	65	<10	51	<10	<20	310	6,000	<20	<20	22
GMW-O-18	12/21/11	CH2M Hill	190	----	<0.50	<0.50	<0.50	0.53	<0.50	70	1,600	<1	<1	<1
GMW-O-18	01/10/12	CH2M Hill	570	----	100	<0.50	5.3	3.9	<1	110	4,800	<1	<1	2.2
GMW-O-18	02/23/12	CH2M HILL	180	----	8.8	6.8	0.84	7.8	<0.50	5.9	9,200	<1	<1	<1
GMW-O-18	03/28/12	CH2M HILL	140	<50	<0.50	<0.50	<0.50	<0.50	<1	<0.50	10,000	<1	<1	<1
GMW-O-18	05/25/12	CH2M HILL	<100	<50	<0.50	<0.50	<0.50	<0.50	<1	<0.50	7,700	<1	<1	<1
GMW-O-18	06/15/12	CH2M HILL	180	50	<0.50	<0.50	<0.50	<0.50	<1	0.60	17,000	<1	<1	<1
GMW-O-18	07/11/12	CHHL	180	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14,000	<1	<1	<1
GMW-O-18	08/30/12	CHHL	71	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	14,000	<1	<1	<1
GMW-O-18	09/26/12	CHHL	55	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8,900	<1	<1	<1
GMW-O-18	10/30/12	CHHL	110	<50	<0.50	<0.50	<0.50	<0.50	<1	<0.50	11,000	<1	<1	<1
GMW-O-18	11/29/12	CHHL	110	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10,000	<1	<1	<1
GMW-O-18	12/26/12	CHHL	76	240	22	2.1	0.82	2.4	<0.50	5.5	850	<1	<1	<1
GMW-O-18	01/15/13	CHHL	91	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	8,000	<1	<1	<1
GMW-O-18	04/12/13	CHHL	<100	58	<0.50	0.51	<0.50	0.53	<1	<0.50	4,000	<1	<1	<1
GMW-O-18	10/10/13	CHHL	120	<50	2.2	1.1	<0.50	6.0	<0.50	<0.50	6,000	<1	<1	<1
GMW-O-18	11/03/15	BT for CH2MHill	2,900	49,000	62	150	39	226	<3.0	100	1,800	<3.0	<3.0	<3.0
GMW O 18	04/14/16	BT for CH2MHill	11,000,000	5,900,000	53,000	620,000	310,000	2,300,000	<10,000	6,000	<100,000	<10,000	<10,000	<10,000
GMW-O-18	04/18/19	BT for Jacobs	5,600	5,800	38	<2.5	290	37	<5.0	4.8	6,400	<5.0	<5.0	<5.0
GMW-O-18	10/31/19	BT for Jacobs	5,900	10,000	39	<2.5	300	26	<5.0	12	3,400	<5.0	<5.0	<5.0
GMW-O-18	05/07/20	BT for Jacobs	3,400	5,400	31	<1.0	300	8.6	<2.0	4.4	4,300	<2.0	<2.0	<2.0
GMW-O-18	11/06/20	BT for Jacobs	9,700	4,700	14	9.4	210	21	<10	<5.0	430	<10	<10	<10

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-18	05/05/21	BT for Jacobs	3,600	2,700	<2.0	<2.0	59	4.6	<4.0	6.6	520	<4.0	<4.0	<4.0
GMW-O-18	11/04/21	BT for Jacobs	3,500	5,100	<1.0	<1.0	47	4.3	<2.0	1.4	570	<2.0	<2.0	<2.0
GMW-O-18	05/12/22	BT for Jacobs	1,600	5,800	<0.50	0.66	4.6	2.0	<1.0	<0.50	91	<1.0	<1.0	<1.0
GMW-O-18	11/03/22	BT for Jacobs	1,600	2,100	0.57	<0.50	3.2	1.9	<1.0	<0.50	40	<1.0	<1.0	<1.0
GMW-O-18	05/02/23	BT for Jacobs	1,800	2,900	<1.0	<1.0	<1.0	1.2	<2.0	<1.0	190	<2.0	<2.0	<2.0
GMW-O-18	11/07/23	BT for Jacobs	2,000	18,000	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-O-19	11/25/96	Terra Services	-----	-----	<0.50	<0.87	2.8	5.1	<0.50	<5	-----	-----	-----	-----
GMW-O-19	07/16/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	-----	-----	-----	-----
GMW-O-19	01/06/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	-----	-----	-----	-----
GMW-O-19	05/20/98	Terra Services	<300	-----	<0.50	<0.50	<0.50	<1	<0.50	2.0	-----	-----	-----	-----
GMW-O-19	11/12/98	Alton Geoscience	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	0.51	-----	-----	-----	-----
GMW-O-19	11/18/99	Secor	<416	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	-----	-----	-----	-----
GMW-O-19	05/17/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	09/19/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	01/30/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	04/09/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	08/01/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	10/07/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	04/22/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	07/20/04	Secor	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-O-19	11/02/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	05/05/05	Secor	510	-----	110	<0.50	17	25	<1	150	-----	-----	-----	-----
GMW-O-19	08/02/05	Secor	160	-----	2.1	<0.50	1.2	<0.50	<0.50	19	-----	-----	-----	-----
GMW-O-19	11/02/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	02/28/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	05/04/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	12/05/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	05/05/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	11/15/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	04/16/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	10/14/08	Stantec	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-O-19	04/23/09	Blaine Tech for AMEC	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/20/09	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/15/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/16/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/26/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/13/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/12/10	Blaine Tech	<50	-----	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/20/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/06/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/16/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/22/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/11/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/24/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/23/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/12/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/13/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-19	06/22/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/19/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/22/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/28/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	12/21/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/10/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/23/12	CH2M HILL	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	03/28/12	CH2M HILL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	05/25/12	CH2M HILL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	06/15/12	CH2M HILL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	08/29/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	09/26/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/29/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	70	<1	<1	<1
GMW-O-19	12/26/12	CHHL	<50	<50	<0.50	<0.50	<0.50	0.52	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	01/15/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	02/20/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/09/13	CHHL	110	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW O 19	04/14/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	04/18/17	BT for CH2MHill	52	<50	2.2	2.8	<0.50	11	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	04/19/19	BT for Jacobs	<50	530	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-19	10/31/19	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/08/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-19	11/07/23	BT for Jacobs	<50	56	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	10/05/10	Blaine Tech	46,000	----	17,000	390	680	2,700	<200	<100	<2,000	<200	<200	<200
GMW-O-20	04/13/11	Blaine Tech	42,000	----	12,000	170	580	400	<200	<100	<2,000	<200	<200	<200
GMW-O-20	10/13/11	CH2M Hill	34,000	----	6,300	460	240	850	<100	<50	<1,000	<100	<100	<100
GMW-O-20	04/20/12	CH2M Hill	48,000	230,000	11,000	520	350	2,500	<100	<50	<1,000	<100	<100	<100
GMW-O-20	10/19/12	CHHL	36,000	340,000	6,100	1,000	360	2,700	<50	<25	<500	<50	<50	<50
GMW-O-20	10/07/16	BT for CH2MHill	35,000	95,000	2,700	930	230	4,200	<40	38	<400	<40	<40	<40

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-20	04/21/17	BT for CH2MHill	2,900	5,900	850	14	24	85	<10	24	<200	<10	<10	<10
GMW-O-20	10/06/17	BT for CH2MHill	6,500	21,000	460	16	36	290	<4.0	7.4	<40	10	<4.0	<4.0
GMW-O-20	05/15/18	BT for Jacobs	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	BT for Jacobs	1,300	2,700	86	3.6	2.7	31	<1.0	5.2	22	6.9	<1.0	<1.0
GMW-O-20	04/23/19	BT for Jacobs	1,200	1,400	240	7.2	27	59	<2	22	42	14	<2	<2
GMW-O-20	05/06/20	BT for Jacobs	1,600	5,100	56	1.4	5.0	70	<1.0	3.8	110	5.1	<1.0	<1.0
GMW-O-20	11/09/20	BT for Jacobs	400	850	51	1.3	0.51	1.4	<0.50	17	18	14	<1.0	<1.0
GMW-O-20	05/04/21	BT for Jacobs	640	530	200	1.4	6.2	1.5	<2.0	8.8	<20	12	<2.0	<2.0
GMW-O-20	11/05/21	BT for Jacobs	96	1,000	1.5	<0.50	<0.50	0.64	<0.50	9.9	120	12	<1.0	<1.0
GMW-O-20	05/12/22	BT for Jacobs	320	1,400	<0.50	<0.50	<0.50	0.69	<1.0	1.3	25	2.4	<1.0	<1.0
GMW-O-20	05/05/23	BT for Jacobs	<200	3,500	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
GMW-O-20	11/08/23	BT for Jacobs	<500	740	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
GMW-O-21	10/07/03	Secor	47,000	-----	15,000	5,200	500	3,160	<100	5,200	-----	-----	-----	-----
GMW-O-21	10/08/10	Blaine Tech	66,000	-----	19,000	8,200	1,200	3,800	<200	<100	<2,000	<200	<200	<200
GMW-O-21	04/29/11	Blaine Tech	18,000	-----	7,400	2,400	190	1,940	<50	95	<500	86	<50	<50
GMW-O-21	10/14/11	CH2M Hill	31,000	-----	8,300	4,100	290	2,400	<100	51	<1,000	<100	<100	<100
GMW-O-21	04/19/12	CH2M Hill	32,000	1,200	11,000	4,400	230	3,000	<100	<50	<1,000	<100	<100	<100
GMW-O-21	10/19/12	CHHL	1,200	880	370	71	4.8	66	<2	3.2	96	8.7	<2	<2
GMW-O-21	10/07/16	BT for CH2MHill	18,000	2,000	2,900	21	280	1,600	<40	<20	<400	<40	<40	<40
GMW-O-21	04/21/17	BT for CH2MHill	3,100	1,100	55	5.7	11	180	<2	<1	<20	<2	<2	<2
GMW-O-21	10/06/17	BT for CH2MHill	9,700	750	4,300	<20	22	<20	<40	<20	<400	52	<40	<40
GMW-O-21	04/20/18	BT for Jacobs	2,000	2,100	1,000	6.8	8.9	<5	<10	<5	<100	15	<10	<10
GMW-O-21	11/09/18	BT for Jacobs	<8,000	2,400	4,300	<40	<40	<40	<80	<40	<800	<80	<80	<80
GMW-O-21	04/18/19	BT for Jacobs	140	64	14	0.64	0.72	<0.50	<0.50	5.9	13	15	<1.0	<1.0
GMW-O-21	11/01/19	BT for Jacobs	7,600	1,100	3,900	12	120	79	<20	<10	<200	32	<20	<20
DUP-4 (GMW-O-21)	11/01/19	BT for Jacobs	7,000	1,200	3,500	11	120	83	<20	<10	<200	29	<20	<20
GMW-O-21	05/06/20	BT for Jacobs	<50	64	<0.50	<0.50	<0.50	0.54	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-21	11/09/20	BT for Jacobs	4,900	730	2,300	<10	31	16	<20	<10	<200	26	<20	<20
GMW-O-21	05/05/21	BT for Jacobs	4,100	1,700	1,100	10	8.2	20	<10	<5.0	<100	<10	<10	<10
GMW-O-21	11/05/21	BT for Jacobs	<100	310	3.2	<0.50	<0.50	<0.50	<1.0	9.8	18	16	<1.0	<1.0
GMW-O-21	05/12/22	BT for Jacobs	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	5.7	<10	1.5	<1.0	<1.0
GMW-O-21	11/04/22	BT for Jacobs	<50	76	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-21	05/05/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-21	11/09/23	BT for Jacobs	<100	170	<0.50	<0.50	<0.50	<0.50	<1.0	2.9	<10	<1.0	<1.0	<1.0
GMW-O-23	10/08/10	Blaine Tech	120,000	-----	22,000	21,000	1,800	8,100	<200	2,600	<2,000	<200	<200	<200
GMW-O-23	04/13/11	Blaine Tech	75,000	-----	15,000	13,000	850	5,800	<200	1,700	<2,000	<200	<200	<200
GMW-O-23	10/13/11	CH2M Hill	65,000	-----	16,000	11,000	540	3,800	<200	1,500	<2,000	<200	<200	<200
GMW-O-23	10/19/12	CHHL	29,000	31,000	7,000	5,000	130	1,900	<100	400	<1,000	<100	<100	<100
GMW-O-23	10/07/16	BT for CH2MHill	2,800	170,000	15	<4.0	9.3	110	<8.0	5.0	<80	<8.0	<8.0	<8.0
GMW-O-23	04/21/17	BT for CH2MHill	1,600	1,300	11	3.6	1.6	220	<2	4.0	<20	3.5	<2	<2
GMW-O-23	10/06/17	BT for CH2MHill	<50	1,300	0.78	<0.50	0.60	2.1	<0.50	0.99	24	4.9	<1.0	<1.0
GMW-O-23	04/20/18	BT for Jacobs	110	1,200	0.99	<0.50	<0.50	<0.50	<1	5.6	120	30	<1	<1
GMW-O-23	11/08/18	BT for Jacobs	78	1,500	0.59	<0.50	<0.50	<0.50	<0.50	1.2	30	13	<1.0	<1.0
DUP-3 (GMW-O-23)	11/08/18	BT for Jacobs	57	730	1.1	<0.50	<0.50	<0.50	<0.50	1.2	22	10	<1.0	<1.0
GMW-O-23	04/18/19	BT for Jacobs	<100	1,500	<0.50	<0.50	<0.50	<0.50	<1	0.94	140	27	<1	<1
GMW-O-23	05/06/20	BT for Jacobs	<100	660	<0.50	<0.50	<0.50	<0.50	<1.0	1.5	41	25	<1.0	<1.0
GMW-O-23	11/06/20	BT for Jacobs	100	550	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	75	33	<1.0	<1.0
GMW-O-23	05/04/21	BT for Jacobs	110	340	<0.50	<0.50	<0.50	<0.50	<0.50	9.4	40	37	<1.0	<1.0

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Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-O-23	11/05/21	BT for Jacobs	<50	140	<0.50	<0.50	<0.50	<0.50	<0.50	3.5	<10	9.5	<1.0	<1.0
GMW-O-23	05/12/22	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	16	2.9	<1.0	<1.0
GMW-O-24	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<1	<1	<1
GMW-O-24	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	<10	<1	<1	<1
GMW-O-24	10/23/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
GMW-O-24	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-24	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	04/23/15	BT for CH2MHill	<50	74	0.70	<0.50	<0.50	0.97	<0.50	0.50	20	<1.0	<1.0	<1.0
GMW-O-24	04/23/15	BT for CH2MHill	<50	<50	0.64	<0.50	<0.50	0.98	<0.50	<0.50	16	<1.0	<1.0	<1.0
GMW-O-24	06/30/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1.0	<1.0	<1.0
GMW-O-24	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW O 24	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-1 (GMW O 24)	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-1 (GMW-O-24)	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	04/21/17	BT for CH2MHill	<50	<50	0.80	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-3 (GMW-O-24)	04/21/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	04/18/18	BT for Jacobs	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	04/18/19	BT for Jacobs	<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	BT for Jacobs	<50	<50	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-24	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.98	<10	<1.0	<1.0	<1.0
GMW-SF-7	11/25/96	Terra Services	-----	-----	<0.50	<0.50	<0.50	5.8	<0.50	<5	-----	-----	-----	-----
GMW-SF-7	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	8.7	-----	-----	-----	-----
GMW-SF-7	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	-----	-----	-----	-----
GMW-SF-7	05/19/98	Terra Services	<300	-----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	11/11/98	Alton Geoscience	<300	-----	0.96	<0.50	0.50	1.3	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	05/07/99	Alton Geoscience	<500	<500	1.0	4.1	<0.50	1.8	<1	1.3	-----	-----	-----	-----
GMW-SF-7	11/18/99	Secor	350	-----	<0.50	<0.50	<0.50	<0.50	<0.50	200	-----	-----	-----	-----
GMW-SF-7	05/17/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	11/29/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	05/08/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	11/06/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	02/01/02	Secor	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	04/10/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	-----	-----	-----	-----
GMW-SF-7	10/22/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	2.5	-----	-----	-----	-----
GMW-SF-7	01/29/03	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	4.1	-----	-----	-----	-----
GMW-SF-7	04/09/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.73	-----	-----	-----	-----
GMW-SF-7	07/30/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	10/06/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	01/28/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GMW-SF-7	04/20/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	32	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-SF-7	07/19/04	Secor	550	----	<1	<1	<1	<1	<2	680	----	----	----	----
GMW-SF-7	11/02/04	Secor	220	----	<0.50	<0.50	<0.50	<0.50	<0.50	340	----	----	----	----
GMW-SF-7	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	09/18/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	05/05/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	08/30/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	11/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	04/16/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	10/14/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-7	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	1.1	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	81	<1.0	<1.0	<1.0
GMW-SF-7	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW SF 7	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-7	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/07/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-7	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/22/96	Terra Services	<100	<500	4.5	<1	<1	<3	<1	920	----	----	----	----
GMW-SF-8	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	140	----	----	----	----
GMW-SF-8	01/06/98	Terra Services	<100	<500	4.1	<0.50	<0.50	<1.5	<0.50	450	----	----	----	----
GMW-SF-8	05/22/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<1	0.90	----	----	----	----
GMW-SF-8	11/12/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	40	----	----	----	----
GMW-SF-8	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	4.8	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-SF-8	11/18/99	Secor	660	----	<0.50	<0.50	<0.50	<0.50	<0.50	800	----	----	----	----
GMW-SF-8	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	42	----	----	----	----
GMW-SF-8	11/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	220	----	----	----	----
GMW-SF-8	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	20	----	----	----	----
GMW-SF-8	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	260	----	----	----	----
GMW-SF-8	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	----	----	----	----
GMW-SF-8	10/22/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	5.2	----	----	----	----
GMW-SF-8	01/29/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	----	----	----	----
GMW-SF-8	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	6.5	----	----	----	----
GMW-SF-8	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	10/06/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	01/27/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	07/19/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	11/03/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	08/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	05/02/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	09/18/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
GMW-SF-8	12/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	04/16/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	10/14/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GMW-SF-8	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-8	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW SF 8	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/07/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GMW-SF-8	11/04/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-9	09/24/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	9.2	----	----	----	----
GMW-SF-9	10/10/03	Geomatrix	79	----	<0.50	<0.50	<0.50	<0.50	<0.50	14	----	----	----	----
GMW-SF-9	10/07/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	04/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-9	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	40	<1	<1	<1
GMW-SF-9	10/12/11	CH2M Hill	<100	----	1.5	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
GMW-SF-9	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	110	<1	<1	<1
GMW-SF-9	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	270	<1	<1	<1
GMW-SF-10	09/24/03	Secor	90	----	<0.50	<0.50	<0.50	<0.50	<0.50	210	----	----	----	----
GMW-SF-10	10/10/03	Geomatrix	100	----	<0.50	<0.50	<0.50	<0.50	<0.50	120	----	----	----	----
GMW-SF-10	10/07/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/14/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-SF-10	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GW-1	10/17/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	0.84	2.3	<10	<2	<2	<2
GW-1	08/03/09	Blaine Tech for AMEC	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-1	04/29/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.0	4.7	<2.0	<10	<2.0	<2.0	<2.0
GW-1	10/21/15	SGI	<100	<100	2.3	<0.50	4.2	15	4.9	<2.0	<10	<2.0	<2.0	<2.0
GW-1	10/21/15	SGI	<100	<100	2.2	<0.50	4.0	15	4.7	<2.0	<10	<2.0	<2.0	<2.0
GW-1	10/05/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	9.1	<1.0	<10	<2.0	<2.0	<2.0
GW-1	04/19/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.8	<1.0	<10	<2.0	<2.0	<2.0
DUP-3 (GW-1)	04/19/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	2.0	<1.0	<10	<2.0	<2.0	<2.0
GW-2	01/12/10	Blaine Tech for DESC	<100	----	3.6	<0.50	<0.50	<0.50	23	1.8	8.8 J	2.6	<2	<2
GW-2	10/08/10	BT for Parsons	180	----	18	----	----	----	4.6	1.4	21	----	----	----
GW-2	04/19/12	Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	4.0	0.60	<10	<2	<2	<2
GW-2	07/10/12	Parsons	---	----	2.4	<0.50	<0.50	0.24	6.2	0.69	10	0.79 J	<2	<2
GW-2	04/11/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	11	1.2	<10	0.46 J	<2	<2
GW-2	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	4.3	0.55	<10	<2	<2	<2
GW-2	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	3.3	0.51	<10	<2	<2	<2
GW-2	11/03/14	SGI	1,800	230	31	4.0	65	346	2.5	<2.0	<10	<2.0	<2.0	<2.0
GW-2	04/21/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	2.4	<2.0	<10	<2.0	<2.0	<2.0
GW-2	10/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.1	<2.0	<10	<2.0	<2.0	<2.0
GW 2	04/12/16	SGI	<100	<100	1.0	<0.50	1.9	6.1	1.2	<1.0	<10	<2.0	<2.0	<2.0
GW-2	10/05/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.6	<1.0	<10	<2.0	<2.0	<2.0
GW-2	04/19/17	SGI	<100	170	<0.50	<0.50	<0.50	<1.5	0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-2	10/05/17	SGI	<100	160	<0.50	<0.50	<0.50	<1.5	1.9	<1.0	<10	<2.0	<2.0	<2.0
GW-2	04/19/18	SGI	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-2	11/08/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	0.51	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GW-2	04/18/19	SGL	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	3.4	<10	<2.0	<2.0	<2.0
GW-2	11/05/19	SGL	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/07/20	SGL	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	10/26/20	SGL	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	12	<2.0	<2.0	<2.0
GW-2	05/06/21	SGL/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	11/03/21	SGL/Apex	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/16/22	SGL/Apex	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (GW-2)	05/16/22	SGL/Apex	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	11/04/22	SGL/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	05/05/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-2	11/09/23	SGL/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	04/11/03	GTI	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
GW-3	10/11/03	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	-----	-----	-----	-----
GW-3	04/22/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<2	<2	<2
GW-3	11/04/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/10/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/08/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	12/06/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	05/03/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	11/14/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/17/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/24/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	17	<2	<2	<2
GW-3	10/22/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	18	<2	<2	<2
GW-3	04/11/13	Parsons	-----	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	9.6 J	<2	<2	<2
GW-3	10/07/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-3	10/27/14	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-3	04/21/15	SGL	<100	100	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-3	10/23/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-3	10/23/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW 3	04/12/16	SGL	<100	<100	1.0	<0.50	2.2	6.9	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	10/05/16	SGL	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-4 (GW-3)	10/05/16	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	04/19/17	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	10/02/17	SGL	<100	290	2.4	<0.50	6.0	2.0	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	10/25/17	SGL	-----	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	04/19/18	SGL	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	11/08/18	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	04/17/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-3	10/29/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/04/20	SGL	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	10/22/20	SGL	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/06/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	11/01/21	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	05/11/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	11/02/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GW-3	05/03/23	SGI/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-3	11/08/23	SGI/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-4	04/24/15	SGI	<100	270	<0.50	<0.50	<0.50	<1.0	<0.50	2.6	<10	<2.0	<2.0	<2.0
GW-4	04/24/15	SGI	<100	310	<0.50	<0.50	<0.50	<1.0	<0.50	2.9	<10	<2.0	<2.0	<2.0
GW-4	10/22/15	SGI	<100	4,100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-4	10/10/16	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-6	11/06/98	GTI	339	----	9.3	1.1	8.4	6.6	<0.50	<0.50	----	----	----	----
GW-6	05/27/99	GTI	<300	----	62	<0.50	12	<0.50	<0.50	<0.50	----	----	----	----
GW-6	11/18/99	IT Corporation	690	----	90	<1	80	<0.50	<0.50	<0.50	----	----	----	----
GW-6	05/17/00	IT Corporation	<300	----	1.7	<0.50	2.5	<0.50	<0.50	19	----	----	----	----
GW-6	12/01/00	IT Corporation	<300	----	3.7	<0.50	1.6	<0.50	<0.50	21	----	----	----	----
GW-6	05/10/01	IT Corporation	<300	----	0.70	<0.50	<0.50	<0.50	<0.50	23	----	----	----	----
GW-6	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	21	----	----	----	----
GW-6	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	9.6	----	----	----	----
GW-6	04/11/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
GW-6	10/10/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	----	----	----	----
GW-6	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/04/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/10/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	05/02/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/15/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	04/21/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
GW-6	10/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	<10	<2	<2	<2
GW-6	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<2	<2	<2
GW-6	10/05/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	1.1	4.7 J	----	----	----
GW-6	10/12/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<2	<2	<2
GW-6	04/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
GW-6	10/19/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<10	<2	<2	<2
GW-6	04/10/13	Parsons	----	130 b	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<2	<2	<2
GW-6	10/08/13	Parsons	<100	180 HD	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	12	<2	<2	<2
GW-6	04/15/14	Parsons	<100	<95	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-6	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-6	04/21/15	SGI	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	3.1	25	<2.0	<2.0	<2.0
GW-6	10/05/16	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	1.4	<10	<2.0	<2.0	<2.0
GW-6	04/19/17	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-6	10/05/17	SGI	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	1.9	<10	<2.0	<2.0	<2.0
DUP-5 (GW-6)	10/05/17	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	<10	<2.0	<2.0	<2.0
GW-6	04/18/18	SGI	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	<10	<2.0	<2.0	<2.0
GW-6	11/08/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-6	04/17/19	SGI	<100	410	<0.50	<0.50	<0.50	<1.5	<0.50	3.6	<10	<2.0	<2.0	<2.0
GW-6	11/05/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	10/20/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	5/5/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	11/02/21	SGI/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GW-6	05/11/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	11/02/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	05/03/23	SGL/Apex	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	11/10/23	SGL/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-7	04/12/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	-----	-----	-----	-----
GW-7	04/22/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-7	04/22/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-7	10/11/16	SGL	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-7	04/19/17	SGL	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	10/09/13	Parsons	<100	190 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	04/18/14	Parsons	<100	100 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-8	10/28/14	SGL	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-8	04/24/15	SGL	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-8	10/22/15	SGL	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-8	10/07/16	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	04/18/17	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	10/03/17	SGL	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	04/18/18	SGL	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	11/09/18	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	04/16/19	SGL	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-8	11/05/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	10/19/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/05/21	SGL/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	11/03/21	SGL/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/11/22	SGL/Apex	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	11/07/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	05/03/23	SGL/Apex	<100	460	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	11/10/23	SGL/Apex	<100	500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	10/22/20	SGL	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(1*)	11/15/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	0.94	3.5	20	<2	<2	<2
GW-13(6*)	05/03/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	0.83	5.3	31	<2	<2	<2
GW-13(6*)	04/17/08	BT for Parsons	230	-----	<0.50	<0.50	<0.50	<0.50	0.99	4.4	28	<2	<2	<2
GW-13(6*)	04/24/09	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	14	11	<10	2.1	<2	<2
GW-13(6*)	01/12/10	BT for Parsons	<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	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	7.4	12	16	1.5 J	<2	<2
GW-13(6*)	10/08/10	BT for Parsons	<100	-----	<0.50	-----	-----	-----	5.0	11	24	-----	-----	-----
GW-13(6*)	04/22/11	BT for Parsons	---	-----	<0.50	<0.50	<0.50	<0.50	3.7	6.8	16	0.72 J	<2	<2
GW-13(6*)	04/18/12	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	6.9	3.0	<10	1.2 J	<2	<2
GW-13(6*)	07/09/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	0.60	0.78	<10	<2	<2	<2
GW-13(6*)	04/10/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	9.1	1.7	19	2 J	<2	<2
GW-13(6*)	10/09/13	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	2.4	0.92	<10	<2	<2	<2
GW-13(6*)	04/16/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	9.2	1.4	<10	1.8 J	<2	<2
GW-13(6*)	11/03/14	SGL	1,500	170	9.4	2.4	53	279	7.6	<2.0	<10	<2.0	<2.0	<2.0
GW-13(6*)	04/21/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	8.5	<2.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GW-13(6")	04/21/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	8.5	<2.0	<10	<2.0	<2.0	<2.0
GW-13(6")	10/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	6.2	<2.0	<10	<2.0	<2.0	<2.0
GW-13(6")	04/12/16	SGI	<100	<100	0.57	<0.50	1.6	5.4	6.6	<1.0	<10	<2.0	<2.0	<2.0
GW-13(6")	10/05/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	8.1	<1.0	<10	<2.0	<2.0	<2.0
GW-13(6")	04/19/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.7	<1.0	<10	<2.0	<2.0	<2.0
GW-13(6")	10/05/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.4	<1.0	<10	<2.0	<2.0	<2.0
GW-13(6")	04/19/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	4.1	1.6	<10	<2.0	<2.0	<2.0
GW-13(6")	11/08/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.6	<1.0	<10	<2.0	<2.0	<2.0
GW-13(6")	04/18/19	SGI	<100	380	<0.50	<0.50	<0.50	<1.5	<0.50	1.4	<10	<2.0	<2.0	<2.0
GW-13(6")	11/05/19	SGI	<100	430	<0.50	<0.50	<0.50	<1.5	0.87	1.6	23	<2.0	<2.0	<2.0
GW-13(6")	05/11/20	SGI	<100	150	<0.50	<0.50	<0.50	<1.5	0.66	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	10/22/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/04/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	11/01/21	SGI/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/12/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	11/02/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	05/03/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13(6")	11/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14(1")	11/15/07	BT for Parsons	----	----	35	<0.50	14	3.9	<0.50	18	20	<2	<2	<2
GW-14(1")	04/18/08	BT for Parsons	900	----	78	<0.50	<0.50	2.3	<0.50	18	13	<2	<2	<2.0
GW-14(1")	10/22/09	BT for Parsons	110	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-14(1")	01/13/10	BT for Parsons	950	----	62	0.35 J	1.0	1.4	<0.50	17	18	<2	<2	<2
GW-14(6")	05/03/07	BT for Parsons	----	----	200	5.2	220	900	----	39	----	----	----	----
GW-14(6")	10/16/08	BT for Parsons	820	----	40	<0.50	2.1	1.0	<0.50	22	16	<2	<2	<2
GW-14(6")	04/24/09	BT for Parsons	690	----	66	<0.50	0.99	0.64	<0.50	13	14	<2	<2	<2
GW-14(6")	04/15/11	BT for Parsons	----	----	----	----	----	----	----	----	----	----	----	----
GW-14(6")	04/22/11	BT for Parsons	----	----	76	<0.50	9.4	9.0	<0.50	17	7.8 J	<2	<2	0.87 J
GW-14(6")	04/20/12	Parsons	1800 b	----	19	<0.50	14	6.5	<0.50	8.5	<10	<2	<2	<2
GW-14(6")	07/10/12	Parsons	----	----	18	<0.50	16	11	<0.50	8.2	5.1 J	<2	<2	<2
GW-14(6")	04/12/13	Parsons	1800 b	4,800	30	<0.50	8.2	1.34 J	<0.50	13	10	<2	<2	0.82 J
GW-14(6")	10/09/13	Parsons	1,600 HD	3,400 HD	48	<0.50	7.3	1.2	<0.50	15	<10	<2	<2	<2
GW-14(6")	04/17/14	Parsons	2,200 HD	7,700 HD	32	<0.50	8.4	1.2	<0.50	11	64	<2	<2	<2
GW-14(6")	10/31/14	SGI	1,700	3,200	160	<0.50	1.1	0.62	<0.50	20	20	<2.0	<2.0	<2.0
GW-14R	10/26/20	SGI	1,400	8,100	7.5	<0.50	5.5	1.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	11/08/21	SGI/Apex	140	1,800	1.9	<0.50	0.86	<1.5	<0.50	1.3	16	<2.0	<2.0	<2.0
GW-14R	05/26/22	SGI/Apex	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	11/07/22	SGI/Apex	<100	2,500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	05/09/23	SGI/Apex	<100	35,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	11/15/23	SGI/Apex	<100	3,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/03/07	BT for Parsons	8,500	----	1,100	1,000	130	570	<0.50	<0.50	<10	<2	<2	<2
GW-15(6")	11/03/14	SGI	32,000	11,000	2,700	78	1,100	5,100	<10	<40	<200	<40	<40	<40
GW-15(6")	04/21/15	SGI	7,700	2,100	250	<10	150	850	<10	<40	<200	<40	<40	<40
GW-15(6")	10/26/15	SGI	7,500	38,000	350	<2.5	120	655	<2.5	<10	<50	<10	<10	<10
GW-15(6")	10/26/15	SGI	7,100	9,700	370	<2.5	120	638	<2.5	<10	<50	<10	<10	<10
GW-15(6")	10/11/16	SGI	8,700	24,000	730	<2.5	<2.5	<7.5	<2.5	<5.0	<50	<10	<10	<10
GW-15(6")	10/09/17	SGI	990	610	550	<5.0	<5.0	10	<5.0	<10	<100	<20	<20	<20
GW-15(6")	04/23/18	SGI	640	360	340	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GW-15(6")	11/15/18	SGL	<100	<100	11	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-15(6")	04/18/19	SGL	190	350	50	2.4	0.84	11	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-15(6")	11/06/19	SGL	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/07/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	10/21/20	SGL	<100	8,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/10/21	SGL/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	11/04/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/11/22	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	11/03/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	05/02/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15(6")	11/07/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/23/09	BT for Parsons	<100	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	01/13/10	BT for Parsons	<100	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.4 J	<2	<2	<2
GW-16(6")	04/19/10	BT for Parsons	----	---	<0.50	<0.50	2.6	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	10/08/10	BT for Parsons	<100	---	1.7	----	----	----	<0.50	<0.50	5.5 J	----	----	----
GW-16(6")	04/12/11	BT for Parsons	<100	---	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	76	<2	<2	<2
GW-16(6")	10/09/13	Parsons	<100	1,300 HD	1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	04/17/14	Parsons	<100	<98	4.7	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
GW-16(6")	11/03/14	SGL	2,500	250	58	6.0	88	470	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-16(6")	11/03/14	SGL	2,300	290	56	5.6	85	449	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-16(6")	04/21/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-16(6")	10/21/15	SGL	100	<100	7.1	<0.50	7.4	26	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW 16(6")	04/13/16	SGL	<100	<100	<0.50	<0.50	<0.50	2.3	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW 16(6")	10/04/16	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-16(6")	04/18/17	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-16(6")	10/03/17	SGL	<100	<100	2.2	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-16(6")	04/17/18	SGL	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-16(6")	11/09/18	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-16(6")	04/16/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GW-16(6")	10/30/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	10/21/20	SGL	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/05/21	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	11/04/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/11/22	SGL/Apex	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	11/08/22	SGL/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	05/04/23	SGL/Apex	<100	880	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16(6")	11/14/23	SGL/Apex	<100	430 HD	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1	11/26/96	Terra Services	----	----	1,500	21	150	102	<5	2,700	----	----	----	----
GWR-1	07/16/97	Terra Services	1,300	920	220	<5	360	29	<5	1,800	----	----	----	----
GWR-1	01/09/98	Terra Services	210	<500	2.9	<0.50	40	240	<0.50	330	----	----	----	----
GWR-1	05/27/98	Terra Services	4,100	----	960	90	90	240	<0.50	630	----	----	----	----
GWR-1	11/17/98	Alton Geoscience	3,830	----	1,200	74	99	387	<25	1,070	----	----	----	----
GWR-1	05/07/99	Alton Geoscience	4,200	530	1,600	22	96	290	<13	910	----	----	----	----
GWR-1	11/18/99	Secor	1,300	----	220	<10	14	14	<10	690	----	----	----	----
GWR-1	05/16/00	Secor	880	----	160	<10	16	16	6.1	550	----	----	----	----
GWR-1	11/30/00	Secor	3,200	----	1,600	8.6	87	33	<0.50	360	----	----	----	----
GWR-1	05/08/01	Secor	4,400	----	1,800	170	160	235	<10	370	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GWR-1	11/06/01	Secor	2,300	----	240	13	31	56	<0.50	2,400	----	----	----	----
GWR-1	04/09/02	Secor	2,500	----	580	<10	18	57	<10	4,000	----	----	----	----
GWR-1	10/23/02	Secor	1,900	----	270	<10	<10	<10	<10	2,500	----	----	----	----
GWR-1	10/07/03	Secor	1,400	----	150	1.7	7.5	20	110	1,300	----	----	----	----
GWR-1	05/06/05	Secor	16,000	----	260	610	460	2,060	<5	11	----	----	----	----
GWR-1	08/01/05	Secor	8,300	----	1,700	490	370	1,110	<20	25	----	----	----	----
GWR-1	05/04/06	Secor	3,700	----	980	23	120	343	<10	19	----	----	----	----
GWR-1	09/18/06	Secor	960	----	220	4.4	19	64	<2	5.4	----	----	----	----
GWR-1	05/02/07	Secor	750	----	170	1.3	12	<1	<2	4.1	----	----	----	----
GWR-1	04/17/08	Secor	3,600	----	1,700	17	87	60	<30	21	----	----	----	----
GWR-1	04/20/09	Blaine Tech for AMEC	5,100	----	3,000	<15	48	<15	<30	31	<300	30	<30	<30
GWR-1	05/27/10	Blaine Tech	2,100	----	800	9.5	16	34	<10	23	<100	27	<10	<10
GWR-1	04/13/11	Blaine Tech	1,300	----	490	43	31	54	<5	4.1	160	5.2	<5	<5
GWR-1	04/20/12	CH2M Hill	450	230	84	<1	4.8	<1	<2	3.4	<20	4.9	<2	<2
GWR-1	10/18/12	CHHL	440	240	140	2.2	<1.5	1.5	<3	8.6	68	15	<3	<3
GWR-1	04/11/13	CHHL	<500	330	<2.5	<2.5	<2.5	<2.5	<5	9.1	68	13	<5	<5
GWR-1	10/11/13	CHHL	<200	220	<1	<1	<1	<1	<2	6.7	120	12	<2	<2
GWR-1	04/17/14	CHHL	130	90	<0.50	<0.50	<0.50	<0.50	<0.50	6.6	180	10	<1	<1
GWR-1	10/30/14	BT for CH2MHill	<100	1,000 HD	<0.50	<0.50	<0.50	<0.50	<0.50	8.9	54	5.3	<1.0	<1.0
GWR-1R	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.72	<0.50	93	4.7	<1.0	<1.0
DUP-1 (GWR-1R)	04/18/17	BT for CH2MHill	<50	55J	<0.50	<0.50	<0.50	<0.50	0.59	<0.50	82	3.7	<1.0	<1.0
GWR-1R	10/05/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.96	<0.50	76	5.2	<1.0	<1.0
DUP-2 (GWR-1R)	10/05/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	100	5.6	<1.0	<1.0
GWR-1R	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	0.52	90	5.7	<1.0	<1.0
DUP (GWR-1R)	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	79	5.2	<1.0	<1.0
GWR-1R	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	61	3.3	<1.0	<1.0
DUP-2 (GWR-1R)	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	50	3.3	<1.0	<1.0
GWR-1R	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	28	1.4	<1.0	<1.0
DUPE (GWR-1R)	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	30	1.4	<1.0	<1.0
GWR-1R	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (GWR-1R)	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/11/20	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
DUP (GWR-1R)	05/11/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	11/05/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
DUP-3 (GWR-1R)	11/05/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.98	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (GWR-1R)	05/05/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-3 (GWR-1R)	11/02/21	BT for Jacobs	<50	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-3 (GWR-1R)	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GWR-1R	11/03/22	BT for Jacobs	<50	51	<0.50	<0.50	<0.50	<0.50	<0.50	0.73	<10	<1.0	<1.0	<1.0
DUP-2 (GWR-1R)	11/03/22	BT for Jacobs	<50	54	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	<10	<1.0	<1.0	<1.0
GWR-1R	05/03/23	BT for Jacobs	<50	63	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1.0	<1.0	<1.0
DUP (GWR-1R)	05/03/23	BT for Jacobs	<50	68	<0.50	<0.50	<0.50	<0.50	<0.50	0.70	<10	<1.0	<1.0	<1.0
GWR-1R	11/09/23	BT for Jacobs	<100	100	<0.50	<0.50	<0.50	<0.50	<0.50	0.81	<10	<1.0	<1.0	<1.0
DUP-5 (GWR-1R)	11/09/23	BT for Jacobs	<100	92	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	<10	<1.0	<1.0	<1.0
GWR-3	10/08/10	Blaine Tech	21,000	----	10,000	<100	<100	<100	<200	400	<2,000	<200	<200	<200
GWR-3	04/13/11	Blaine Tech	25,000	----	11,000	<50	<50	<50	<100	300	<1,000	<100	<100	<100

**APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
GWR-3	10/13/11	CH2M Hill	<20,000	-----	9,100	<100	<100	<100	<200	280	<2,000	<200	<200	<200
HL-2	11/27/96	Terra Services	-----	-----	2,600	100	560	390	170	3,000	-----	-----	-----	-----
HL-2	07/16/97	Terra Services	1,400	530	200	1.2	150	13	74	810	-----	-----	-----	-----
HL-2	01/09/98	Terra Services	150	-----	<0.50	0.79	3.5	<1.5	40	570	-----	-----	-----	-----
HL-2	01/12/98	Terra Services	-----	<500	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HL-2	05/27/98	Terra Services	500	-----	72	9.0	6.0	42	60	308	-----	-----	-----	-----
HL-2	11/17/98	Alton Geoscience	<300	-----	0.95	<0.50	<0.50	0.60	0.94	14	-----	-----	-----	-----
HL-2	05/07/99	Alton Geoscience	<500	<500	1.8	5.1	<0.50	1.8	<1	4.8	-----	-----	-----	-----
HL-2	11/19/99	Secor	<300	-----	2.0	<0.50	<0.50	<0.50	2.6	36	-----	-----	-----	-----
HL-2	05/16/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	1.4	14	-----	-----	-----	-----
HL-2	11/29/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	-----	-----	-----	-----
HL-2	05/08/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	7.3	-----	-----	-----	-----
HL-2	11/06/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	-----	-----	-----	-----
HL-2	04/09/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
HL-2	04/08/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	-----	-----	-----	-----
HL-2	07/08/03	Geomatrix	-----	-----	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
HL-2	10/07/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	-----	-----	-----	-----
HL-2	04/21/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	-----	-----	-----	-----
HL-2	07/08/04	Geomatrix	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	-----	-----	-----	-----
HL-2	05/06/05	Secor	280	-----	78	<0.50	<0.50	1.2	15	130	-----	-----	-----	-----
HL-2	11/03/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<1	1.8	-----	-----	-----	-----
HL-2	05/09/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	-----	-----	-----	-----
HL-2	12/06/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
HL-2	05/02/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
HL-2	11/13/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
HL-2	04/17/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	-----	-----	-----	-----
HL-2	10/17/08	Stantec	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
HL-2	04/20/09	Blaine Tech for AMEC	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/21/09	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	05/26/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/06/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/12/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1	<1	<1
HL-2	10/11/11	CH2M Hill	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-2	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.58	<10	<1.0	<1.0	<1.0
HL-2	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	0.61	<0.50	0.88	<10	<1.0	<1.0	<1.0
HL-2	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	04/13/16	BT for CH2MHill	<50	63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (HL-2)	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	10/05/17	BT for CH2MHill	<50	270	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	04/19/18	BT for Jacobs	<50	72	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
HL-2	11/01/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/12/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/06/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-2	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.4	110	----	----	----	----
HL-3	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.6	93	----	----	----	----
HL-3	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.1	77	----	----	----	----
HL-3	10/23/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	85	----	----	----	----
HL-3	10/07/03	Secor	80	----	<0.50	<0.50	<0.50	<0.50	<0.50	67	----	----	----	----
HL-3	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
HL-3	05/03/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
HL-3	05/02/07	Secor	81	----	<0.50	<0.50	<0.50	<0.50	<0.50	38	----	----	----	----
HL-3	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	----	----	----	----
HL-3	04/20/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	<1	<1	<1
HL-3	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	04/16/14	CHHL	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
HL-3	10/30/14	BT for CH2MHill	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	04/22/15	BT for CH2MHill	<50	70	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1.0	<1.0	<1.0
HL-3	10/23/15	BT for CH2MHill	60 HD	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL 3	04/13/16	BT for CH2MHill	<50	100	<0.50	<0.50	0.80	3.0	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	10/06/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	10/05/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	11/09/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/07/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	05/05/21	BT for Jacobs	<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	BT for Jacobs	<50	64	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1.0	<1.0	<1.0
HL-3	05/11/22	BT for Jacobs	<50	65	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	11/01/22	BT for Jacobs	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	<10	<1.0	<1.0	<1.0
HL-3	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-4	11/25/96	Terra Services	----	----	<10	3.2	350	8.5	<3	1,200	----	----	----	----
HL-4	07/16/97	Terra Services	270	<500	76	<1	<1	17	33	1,500	----	----	----	----
HL-4	01/08/98	Terra Services	590	660	170	13	7.1	5.0	90	2,300	----	----	----	----
HL-4	05/27/98	Terra Services	1,100	----	156	26	15	120	28	440	----	----	----	----
HL-4	11/17/98	Alton Geoscience	2,030	----	700	76	20	108	<0.50	904	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
HL-4	05/07/99	Alton Geoscience	2,800	<500	1,100	31	130	84	<6	1,500	-----	-----	-----	-----
HL-4	11/18/99	Secor	2,500	-----	720	<10	<10	118	<10	520	-----	-----	-----	-----
HL-4	05/16/00	Secor	1,200	-----	300	<10	<10	29	51	740	-----	-----	-----	-----
HL-4	11/29/00	Secor	1,900	-----	26	<10	<10	<10	89	2,800	-----	-----	-----	-----
HL-4	05/08/01	Secor	1,700	-----	39	<0.50	0.50	1.7	27	3,300	-----	-----	-----	-----
HL-4	11/06/01	Secor	950	-----	97	<0.50	<0.50	0.90	<0.50	930	-----	-----	-----	-----
HL-4	04/09/02	Secor	1,600	-----	940	<5	<5	35	<5	200	-----	-----	-----	-----
HL-4	10/23/02	Secor	<300	-----	8.5	<5	<5	<5	<5	1,100	-----	-----	-----	-----
HL-4	04/08/03	Secor	1,500	-----	2.8	<2.5	<2.5	<2.5	36	2,200	-----	-----	-----	-----
HL-4	10/07/03	Secor	690	-----	140	<1	<1	<1	<2	480	-----	-----	-----	-----
HL-4	04/21/04	Secor	340	-----	39	<0.50	<0.50	<0.50	<1	370	-----	-----	-----	-----
HL-4	11/03/04	Secor	200	-----	54	<0.50	<0.50	<0.50	<0.50	13	-----	-----	-----	-----
HL-5	07/14/97	Terra Services	950	3,200	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
HP-1	08/07/97	GTI	-----	-----	<5	<5	<5	<10	<5	<5	-----	-----	-----	-----
HP-2	08/07/97	GTI	-----	-----	<5	<5	<5	<10	<5	<5	-----	-----	-----	-----
HP-3	08/07/97	GTI	-----	-----	<5	<5	<5	<10	<5	<5	-----	-----	-----	-----
HP-6	08/08/97	GTI	-----	-----	<5	<5	<5	<10	<5	<5	-----	-----	-----	-----
HP-8	08/08/97	GTI	-----	-----	11,000	12,000	1,200	7,300	<500	<500	-----	-----	-----	-----
MW-6	11/22/96	Terra Services	-----	-----	<0.50	<0.50	<0.50	<1.5	130	70	-----	-----	-----	-----
MW-6	07/16/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	32	62	-----	-----	-----	-----
MW-6	01/05/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	11	39	-----	-----	-----	-----
MW-6	05/26/98	Terra Services	<300	-----	<2.5	<2.5	<2.5	<5	118	107	-----	-----	-----	-----
MW-6	11/17/98	Alton Geoscience	<300	-----	4.8	12	1.5	9.9	9.2	13	-----	-----	-----	-----
MW-6	05/07/99	Alton Geoscience	<500	<500	<0.50	1.5	<0.50	<0.50	83	120	-----	-----	-----	-----
MW-6	11/16/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	20	18	-----	-----	-----	-----
MW-6	05/19/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	14	12	-----	-----	-----	-----
MW-6	11/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	12	3.0	-----	-----	-----	-----
MW-6	05/09/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	9.8	11	-----	-----	-----	-----
MW-6	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	11	6.2	-----	-----	-----	-----
MW-6	04/11/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	7.6	6.0	-----	-----	-----	-----
MW-6	10/24/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	9.4	4.6	-----	-----	-----	-----
MW-6	04/10/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	7.4	3.2	-----	-----	-----	-----
MW-6	10/08/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	9.1	2.5	-----	-----	-----	-----
MW-6	04/21/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	4.9	2.8	-----	-----	-----	-----
MW-6	11/05/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	4.0	4.0	-----	-----	-----	-----
MW-6	05/05/05	Secor	89	-----	<0.50	<0.50	<0.50	<0.50	16	61	-----	-----	-----	-----
MW-6	11/03/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	9.9	30	-----	-----	-----	-----
MW-6	05/03/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	6.8	2.5	-----	-----	-----	-----
MW-6	12/07/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	7.1	2.7	-----	-----	-----	-----
MW-6	05/05/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	4.0	2.5	-----	-----	-----	-----
MW-6	11/14/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	3.4	2.3	-----	-----	-----	-----
MW-6	04/17/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	2.2	2.7	-----	-----	-----	-----
MW-6	10/17/08	Stantec	<50	-----	<0.50	<0.50	<0.50	<0.50	2.5	4.0	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-6	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	1.6	0.69	<10	<1	<1	<1
MW-6	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.5	1.0	<10	<1	<1	<1
MW-6	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.5	1.9	<10	<1	<1	<1
MW-6	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	2.7	2.0	<10	<1	<1	<1
MW-6	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.7	2.3	<10	<1	<1	<1
MW-6	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	1.2	1.0	<10	<1	<1	<1
MW-6	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
MW-6	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-6	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	0.70	<0.50	<10	<1	<1	<1
MW-6	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	0.82	0.51	<10	<1	<1	<1
MW-6	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	0.58	0.55	<10	<1	<1	<1
MW-6	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.51	0.67	<10	<1.0	<1.0	<1.0
MW-6	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0
MW-6	10/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	0.99	1.9	5.7	<10	1.1	<1.0	<1.0
MW 6	04/14/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.72	1.2	<10	<1.0	<1.0	<1.0
MW-6	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.96	1.2	<10	<1.0	<1.0	<1.0
MW-6	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.99	2.2	<10	<1.0	<1.0	<1.0
MW-6	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	14	2.0	<10	1.3	<1.0	<1.0
MW-6	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	7.5	3.6	<10	2.3	<1.0	<1.0
MW-6	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	1.6	<10	<1.0	<1.0	<1.0
MW-6	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	3.1	1.8	<10	<1.0	<1.0	<1.0
MW-6	10/29/19	BT for Jacobs	<50	67	<0.50	<0.50	<0.50	<0.50	2.7	0.76	<10	<1.0	<1.0	<1.0
MW-6	05/07/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	55	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1.0	<1.0	<1.0
MW-6	05/10/22	BT for Jacobs	<50	94	<0.50	<0.50	<0.50	<0.50	0.95	<0.50	<10	<1.0	<1.0	<1.0
MW-6	11/01/22	BT for Jacobs	<50	63	<0.50	<0.50	<0.50	<0.50	0.80	<0.50	<10	<1.0	<1.0	<1.0
MW-6	05/02/23	BT for Jacobs	<50	67	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-6	11/09/23	BT for Jacobs	<50	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/25/96	Terra Services	----	----	3.5	<1	16	<3	6.8	1,000	----	----	----	----
MW-7	07/14/97	Terra Services	540	<500	88	<3	<3	<3	4.3	790	----	----	----	----
MW-7	01/08/98	Terra Services	150	<500	9.0	<0.50	<0.50	<1.5	4.1	400	----	----	----	----
MW-7	05/26/98	Terra Services	400	----	<5	<5	<5	7.0	10	380	----	----	----	----
MW-7	11/17/98	Alton Geoscience	<300	----	5.4	7.0	<5	<5	<5	351	----	----	----	----
MW-7	05/07/99	Alton Geoscience	<500	<500	0.79	2.2	<0.50	0.71	6.8	540	----	----	----	----
MW-7	11/16/99	Secor	540	----	8.5	<0.50	<0.50	<0.50	4.7	670	----	----	----	----
MW-7	05/17/00	Secor	590	----	<5	<5	<5	<5	14	900	----	----	----	----
MW-7	11/30/00	Secor	590	----	4.1	<0.50	<0.50	<0.50	5.4	640	----	----	----	----
MW-7	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	3.1	36	----	----	----	----
MW-7	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	2.4	8.2	----	----	----	----
MW-7	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.6	71	----	----	----	----
MW-7	10/23/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	2.0	5.0	----	----	----	----
MW-7	04/10/03	Secor	57	----	<0.50	<0.50	<0.50	<0.50	1.6	1.3	----	----	----	----
MW-7	10/07/03	Secor	67	----	<0.50	<0.50	<0.50	<0.50	1.5	1.2	----	----	----	----
MW-7	04/21/04	Secor	62	----	<0.50	<0.50	<0.50	<0.50	0.68	1.4	----	----	----	----
MW-7	11/03/04	Secor	58	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	----	----	----	----
MW-7	05/06/05	Secor	58	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.82	----	----	----	----
MW-7	11/03/05	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-7	05/03/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-7	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.65	1.5	----	----	----	----
MW-7	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.64	0.83	----	----	----	----
MW-7	11/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.57	0.83	----	----	----	----
MW-7	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	----	----	----	----
MW-7	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	1.8	0.94	----	----	----	----
MW-7	04/20/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	2.1	0.60	<10	2.9	<1	<1
MW-7	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	2.8	0.56	<10	2.0	<1	<1
MW-7	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	0.87	<0.50	<10	5.5	<1	<1
MW-7	10/07/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.0	0.64	260	9.3	<1	<1
MW-7	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	98	6.0	<1	<1
MW-7	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	0.99	<0.50	25	1.5	<1	<1
MW-7	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1	<1	<1
MW-7	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1	<1	<1
MW-7	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
MW-7	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
MW-7	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
MW-7	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.82	<0.50	<10	<1.0	<1.0	<1.0
MW-7	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	10/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0
MW-7	04/14/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<10	<1.0	<1.0	<1.0
MW-7	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
MW-7	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.77	<0.50	<10	<1.0	<1.0	<1.0
MW-7	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.61	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.94	<0.50	<10	<1.0	<1.0	<1.0
MW-7	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
MW-7	10/29/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/07/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/05/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	05/02/23	BT for Jacobs	<100	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-7	11/10/23	BT for Jacobs	<200	<50	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-8	11/26/96	Terra Services	----	----	4,400	<30	<30	<80	<30	26,000	----	----	----	----
MW-8	07/17/97	Terra Services	<100	520	<10	<10	<10	<20	<10	11,000	----	----	----	----
MW-8	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	14	----	----	----	----
MW-8	05/20/98	Terra Services	400	----	<2.5	<2.5	<2.5	<5	<2.5	554	----	----	----	----
MW-8	11/17/98	Alton Geoscience	<300	----	2.4	6.0	0.80	4.6	<0.50	56	----	----	----	----
MW-8	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	52	----	----	----	----
MW-8	11/18/99	Secor	<416	----	<0.50	<0.50	<0.50	<0.50	<0.50	7.2	----	----	----	----
MW-8	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	----	----	----	----
MW-8	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	15	----	----	----	----
MW-8	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	380	----	----	----	----
MW-8	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	430	----	----	----	----
MW-8	09/19/01	Secor	790	----	<0.50	<0.50	<0.50	<0.50	<0.50	1,000	----	----	----	----
MW-8	01/30/02	Secor	1,700	----	<10	<10	<10	<10	<10	1,900	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-8	04/10/02	Secor	1,500	----	11	<10	<10	<10	<10	2,200	----	----	----	----
MW-8	10/22/02	Secor	<300	----	150	<10	12	<10	<10	750	----	----	----	----
MW-8	01/29/03	Secor	<300	----	<1	<1	<1	<1	<1	190	----	----	----	----
MW-8	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	28	----	----	----	----
MW-8	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	13	----	----	----	----
MW-8	10/06/03	Secor	79	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.7	----	----	----	----
MW-8	01/28/04	Secor	100	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.0	----	----	----	----
MW-8	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	----	----	----	----
MW-8	07/19/04	Secor	80	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.95	----	----	----	----
MW-8	11/02/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-8	02/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	----	----	----	----
MW-8	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	----	----	----	----
MW-8	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	----	----	----	----
MW-8	11/01/05	Secor	110	----	<0.50	<0.50	<0.50	4.2	<0.50	0.60	----	----	----	----
MW-8	02/27/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	----	----	----	----
MW-8	05/02/06	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	1.1	----	----	----	----
MW-8	09/19/06	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	1.6	----	----	----	----
MW-8	12/06/06	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	0.61	----	----	----	----
MW-8	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-8	05/04/07	Secor	<200	----	<1	<1	<1	<1	<2	<1	----	----	----	----
MW-8	08/29/07	Secor	<200	----	<1	<1	<1	<1	<2	<1	----	----	----	----
MW-8	11/13/07	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	1.9	----	----	----	----
MW-8	02/07/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	----	----	----	----
MW-8	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	----	----	----	----
MW-8	10/14/08	Stantec	<100	----	<0.50	<0.50	<0.50	<0.50	<1	0.59	----	----	----	----
MW-8	04/23/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	2,000	<1	<1	<1
MW-8	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.69	570	<1	<1	<1
MW-8	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<1	<1	<1
MW-8	10/07/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<1,600	<1	<1	<1
MW-8	04/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1,100	<1	<1	<1
MW-8	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	970	<1	<1	<1
MW-8	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	71	<1	<1	<1
MW-8	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	220	<1	<1	<1
MW-8	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-8	10/30/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<1.0	<1.0	<1.0
MW-8	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	<10	<1.0	<1.0	<1.0
MW-8	10/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1.0	<1.0	<1.0
MW-8	04/14/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1.0	<1.0	<1.0
MW-8	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/08/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	10/31/19	BT for Jacobs	1,200	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/04/20	BT for Jacobs	<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	BT for Jacobs	<50	59	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-8	11/02/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/11/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/26/96	Terra Services	-----	-----	18	<0.50	69	1.6	<0.50	<5	-----	-----	-----	-----
MW-9	07/17/97	Terra Services	1,400	2,900	40	<1	140	22	<1	<10	-----	-----	-----	-----
MW-9	01/08/98	Terra Services	1,100	570	19	0.74	55	2.4	<0.50	<5	-----	-----	-----	-----
MW-9	05/26/98	Terra Services	4,700	-----	69	<0.30	51	97	<2.5	10	-----	-----	-----	-----
MW-9	11/18/99	Secor	1,800	-----	24	<0.50	2.7	2.0	<0.50	<0.50	-----	-----	-----	-----
MW-9	05/19/00	Secor	1,300	-----	12	<0.50	0.80	0.50	<0.50	1.8	-----	-----	-----	-----
MW-9	11/05/04	Secor	2,500	-----	27	<0.50	0.84	0.52	<1	52	-----	-----	-----	-----
MW-9	05/06/05	Secor	780	-----	2.3	<1	25	<1	<2	110	-----	-----	-----	-----
MW-9	11/01/05	Secor	1,700	-----	9.3	<1	4.7	5.3	<2	120	-----	-----	-----	-----
MW-9	05/04/06	Secor	1,000	-----	13	<0.50	2.2	1.4	<1	140	-----	-----	-----	-----
MW-9	12/08/06	Secor	1,400	-----	16	<0.50	<0.50	<0.50	<0.50	160	-----	-----	-----	-----
MW-9	05/04/07	Secor	1,700	-----	9.2	<0.50	0.50	<0.50	<1	130	-----	-----	-----	-----
MW-9	04/18/08	Secor	2,500	-----	51	<1	1.7	1.9	<2	16	-----	-----	-----	-----
MW-9	10/14/08	Stantec	1,600	-----	27	<1	<1	<1	<2	26	-----	-----	-----	-----
MW-9	04/23/09	Blaine Tech for AMEC	1,600	-----	33	<2.5	<2.5	<2.5	<5	6.2	130	<5	<5	<5
MW-9	05/27/10	Blaine Tech	1,600	-----	24	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/07/10	Blaine Tech	2,400	-----	23	<2	<2	<2	<4	3.3	50	<4	<4	<4
MW-9	04/14/11	Blaine Tech	1,400	-----	18	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/12/11	CH2M Hill	1,200	-----	17	<2.5	<2.5	<2.5	<5	<2.5	<50	<5	<5	<5
MW-9	04/20/12	CH2M Hill	2,200	4,500	20	<5	<5	<5	<10	<5	<100	<10	<10	<10
MW-9	10/17/12	CHHL	1,200	2,500	9.1	<2.5	<2.5	<2.5	<5	3.7	<50	<5	<5	<5
MW-9	04/11/13	CHHL	870	4,400	4.8	<2.5	<2.5	<2.5	<5	4.5	<50	<5	<5	<5
MW-9	10/10/13	CHHL	1,200	2,100	4.2	<1	<1	<1	<2	11	45	<2	<2	<2
MW-9	04/17/14	CHHL	1,100	2,500	<2.5	<2.5	<2.5	<2.5	<5	13	150	<5	<5	<5
MW-9	10/30/14	BT for CH2MHill	<500	2,600	<2.5	<2.5	<2.5	<2.5	<5.0	6.7	51	<5.0	<5.0	<5.0
MW-9	04/23/15	BT for CH2MHill	660	2,900	5.0	3.6	2.6	24	<5.0	6.4	83	<5.0	<5.0	<5.0
MW-9	10/26/15	BT for CH2MHill	420	1,600	<0.50	<0.50	<0.50	<0.50	<1.0	5.8	40	<1.0	<1.0	<1.0
MW-9	04/14/16	BT for CH2MHill	260	1,100	1.7	<0.50	<0.50	<0.50	<0.50	1.8	30	<1.0	<1.0	<1.0
MW-9	10/05/16	BT for CH2MHill	85	280	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	22	<1.0	<1.0	<1.0
MW-9	04/19/17	BT for CH2MHill	99	600 J	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	20	<1.0	<1.0	<1.0
DUP-4 (MW-9)	04/19/17	BT for CH2MHill	96	590	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	19	<1.0	<1.0	<1.0
MW-9	10/05/17	BT for CH2MHill	<100	340	<0.50	<0.50	<0.50	<0.50	<1.0	2.6	22	<1.0	<1.0	<1.0
DUP-4 (MW-9)	10/05/17	BT for CH2MHill	<100	360	<0.50	<0.50	<0.50	<0.50	<1.0	2.6	18	<1.0	<1.0	<1.0
MW-9	04/19/18	BT for Jacobs	66	250	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	15	<1.0	<1.0	<1.0
DUP (MW-9)	04/19/18	BT for Jacobs	68	220	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1.0	<1.0	<1.0
MW-9	11/09/18	BT for Jacobs	<50	340	<0.50	<0.50	<0.50	<0.50	<1.0	1.0	14	<1.0	<1.0	<1.0
DUP-4 (MW-9)	11/09/18	BT for Jacobs	53	340	<0.50	<0.50	<0.50	<0.50	<1.0	0.95	15	<1.0	<1.0	<1.0
MW-9	04/18/19	BT for Jacobs	<100	130	<0.50	<0.50	<0.50	<0.50	<1	0.67	<10	<1.0	<1.0	<1.0
DUPE (MW-9)	04/18/19	BT for Jacobs	<100	180	<0.50	<0.50	<0.50	<0.50	<1	0.57	<10	<1.0	<1.0	<1.0
MW-9	10/30/19	BT for Jacobs	<50	280	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/08/20	BT for Jacobs	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	0.85	<10	<1.0	<1.0	<1.0
MW-9 (DUP)	05/08/20	BT for Jacobs	<50	290	<0.50	<0.50	<0.50	<0.50	<0.50	0.84	<10	<1.0	<1.0	<1.0
MW-9	11/06/20	BT for Jacobs	<100	360	<0.50	<0.50	<0.50	<0.50	<1.0	0.59	<10	<1.0	<1.0	<1.0
DUP-5 (MW-9)	11/06/20	BT for Jacobs	<100	350	<0.50	<0.50	<0.50	<0.50	<1.0	0.61	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-9	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-1 (MW-9)	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/02/21	BT for Jacobs	<50	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-1 (MW-9)	11/02/21	BT for Jacobs	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/12/22	BT for Jacobs	<50	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-4 (MW-9)	05/12/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-4 (MW-9)	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	05/03/23	BT for Jacobs	<100	50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP (MW-9)	05/03/23	BT for Jacobs	<100	54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	11/08/22	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-2 (MW-9)	11/08/23	BT for Jacobs	<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	GSI	<38	<500	<0.50	<0.50	5.1	2.3	<0.50	----	----	----	----	----
MW-10	07/09/97	GTI	<50	170	<0.50	<1	2.0	<2	----	----	----	----	----	----
MW-10	01/06/98	GTI	<500	<100	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-10	05/20/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-10	11/04/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-10	05/27/99	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-10	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-10	05/16/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-10	11/29/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	2.4	----	<5	----	----	----	----
MW-10	05/09/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-10	11/07/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-10	04/10/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW 10	04/14/16	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-11	12/01/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-11	05/10/01	IT Corporation	<300	----	1.0	<0.30	0.61	<0.60	----	13	----	----	----	----
MW-11	11/07/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-11	04/10/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	19	----	----	----	----
MW-11	04/14/03	GTI	----	----	84	1.5	59	51	----	<3	----	----	----	----
MW-11	10/10/03	BT for Parsons	----	----	<0.30	<0.30	0.42	0.95	----	12	----	----	----	----
MW-11	04/22/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	6.4	----	----	----	----
MW-11	11/06/04	BT for Parsons	----	----	2.3	<0.30	0.64	5.9	----	8.1	----	----	----	----
MW-11	05/07/05	BT for Parsons	----	----	0.34	0.61	<0.30	0.60	----	13	----	----	----	----
MW-11	11/08/05	BT for Parsons	----	----	0.33	<0.30	<0.30	0.69	----	37	----	----	----	----
MW-11	05/05/06	BT for Parsons	----	----	1.6	3.4	3.4	6.9	----	11	----	----	----	----
MW-11	12/08/06	BT for Parsons	----	----	3.1	<0.50	<0.50	<1	----	20	----	----	----	----
MW-11	05/03/07	BT for Parsons	----	----	4.3	<0.50	0.86	1.1	----	43	----	----	----	----
MW-11	11/14/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	18	----	----	----	----
MW-11	04/18/08	BT for Parsons	----	----	<0.50	<0.50	1.0	1.5	----	<5	----	----	----	----
MW-11	10/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	12	<10	<2	<2	<2
MW-11	04/24/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	8.7	<10	<2	<2	<2
MW-11	10/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	<10	<2	<2	<2
MW-11	04/14/10	BT for Parsons	----	----	<0.50	<0.50	0.58	<0.50	----	3.8	<10	<2	<2	<2
MW-11	04/19/12	Parsons	220	----	<0.50	<0.50	<0.50	0.31 J	<0.50	<0.50	<10	<2	<2	<2
MW-11	07/10/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-12	05/22/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.10	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-12	11/11/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	05/07/99	Alton Geoscience	<500	<500	1.2	4.8	<0.50	2.1	<1	<0.50	----	----	----	----
MW-12	11/16/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	05/19/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	11/30/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	11/07/01	IT Corporation	<300	----	1.3	1.1	<0.50	0.70	<0.50	<0.50	----	----	----	----
MW-12	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	04/10/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	04/22/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	11/05/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	11/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	05/03/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	05/05/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	10/21/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-12	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/18/12	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/09/13	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-12	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	11/06/15	BT for CH2MHill	<50	61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW 12	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	10/04/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	10/29/19	BT for Jacobs	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/12/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/11/22	BT for Jacobs	<50	94	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	11/03/22	BT for Jacobs	<50	82	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-12	05/02/23	BT for Jacobs	<50	60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-12	11/09/23	BT for Jacobs	<50	75	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	11/22/96	GSI	1,100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	07/09/97	GTI	<50	<50	<0.50	<1	<1	<2	----	----	----	----	----	----
MW-13	01/06/98	GTI	<500	<100	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-13	05/20/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-13	11/05/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-13	05/26/99	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-13	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-13	05/17/00	IT Corporation	<300	----	<0.30	1.2	<0.30	0.91	----	----	----	----	----	----
MW-13	11/29/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	0.89	----	<5	----	----	----	----
MW-13	03/30/01	IT Corporation	----	----	----	----	----	----	----	----	----	----	----	----
MW-13	05/09/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-13	11/07/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	14	----	----	----	----
MW-13	04/10/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-13	10/23/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
MW-13	04/09/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-13	10/08/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-13	04/21/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/03/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/05/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/05/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/03/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	12/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	05/02/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	11/13/07	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/15/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/20/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/19/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/06/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
MW-13	04/12/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/12/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/17/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/09/13	Parsons	----	140 b	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	10/08/13	Parsons	<100	330 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-13	04/15/14	Parsons	<100	97 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	12	<2	<2	<2
MW-13	10/28/14	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-13	04/28/15	SGI	<100	<100	0.63	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-13	10/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-13	04/12/16	SGI	<100	<100	0.95	<0.50	<0.50	2.0	6.2	<0.50	<1.0	<10	<2.0	<2.0
MW-13	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-13	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-13	10/03/17	SGI	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-13	04/17/18	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-13	11/09/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-13	04/16/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-13	10/29/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-13	05/05/20	SGL	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	10/22/20	SGL	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/05/21	SGL/Apex	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	11/05/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (MW-13)	11/05/21	SGL/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/11/22	SGL/Apex	<100	310	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	11/07/22	SGL/Apex	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	05/04/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-13	11/07/23	SGL/Apex	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-14	11/21/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	99	----	----	----	----
MW-14	07/09/97	GTI	<50	200	<5	<5	<5	<5	<5	<5	----	----	----	----
MW-14	01/06/98	GTI	<500	<100	107	<0.50	4.0	10	2.0	15	----	----	----	----
MW-14	05/20/98	BBC	400	----	24	<0.50	7.0	14	<0.50	12	----	----	----	----
MW-14	08/26/98	Geomatrix	<300	----	<0.50	<0.50	0.70	2.1	<0.50	109	----	----	----	----
MW-14	11/04/98	GTI	<300	----	<0.50	2.8	4.8	25	<0.50	49	----	----	----	----
MW-14	02/03/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	86	----	----	----	----
MW-14	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	0.53	<1	450	----	----	----	----
MW-14	05/26/99	GTI	<300	----	<0.50	<0.50	0.70	1.1	<0.50	230	----	----	----	----
MW-14	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	2.9	110	----	----	----	----
MW-14	11/18/99	IT Corporation	<300	----	<2.5	<5	<5	<5	12	26	----	----	----	----
MW-14	02/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	36	15	----	----	----	----
MW-14	05/16/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	1.4	42	7.7	----	----	----	----
MW-14	08/29/00	Secor	<300	----	<0.50	<0.50	<0.50	0.60	38	9.6	----	----	----	----
MW-14	11/29/00	IT Corporation	<300	----	<0.50	<0.50	0.50	0.90	15	18	----	----	----	----
MW-14	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	0.50	11	13	----	----	----	----
MW-14	05/09/01	IT Corporation	<300	----	<0.50	<0.50	1.8	7.4	32	8.2	----	----	----	----
MW-14	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	1.1	23	15	----	----	----	----
MW-14	11/07/01	IT Corporation	<300	----	<0.50	<0.50	0.80	2.3	29	10	----	----	----	----
MW-14	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	1.5	8.1	25	----	----	----	----
MW-14	04/10/02	IT Corporation	<300	----	<0.50	<0.50	2.7	6.4	4.1	24	----	----	----	----
MW-14	07/30/02	IT Corporation	<300	----	<0.50	<0.50	0.98	2.4	3.9	25	----	----	----	----
MW-14	10/23/02	GTI	<300	----	<0.50	<1	<1	<1	4.3	22	----	----	----	----
MW-14	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	0.67	5.9	17	----	----	----	----
MW-14	04/11/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	1.8	17	----	----	----	----
MW-14	10/10/03	BT for Parsons	----	----	<0.50	<0.50	1.2	4.0	7.4	19	----	----	----	----
MW-14	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	0.89	4.7	19	<10	<2	<2	<2
MW-14	07/21/04	BT for Parsons	250	----	<0.50	<0.50	0.61	1.4	----	22	----	----	----	----
MW-14	11/04/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	5.6	19	<10	<2	<2	<2
MW-14	03/02/05	BT for Parsons	----	----	<0.50	<1	<1	<1	----	14	----	----	----	----
MW-14	05/07/05	BT for Parsons	----	----	1.3	<0.50	<0.50	<0.50	<0.50	9.3	22	<2	<2	<2
MW-14	11/08/05	BT for Parsons	----	----	6.5	<0.50	1.3	3.6	1.0	3.6	32	<2	<2	<2
MW-14	05/03/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	0.78	4.2	31	<2	<2	<2
MW-14	07/28/06	BT for Parsons	290	----	<0.50	<0.50	<0.50	<0.50	0.83	4.2	31	<2	<2	<2
MW-14	12/06/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	0.98	3.3	20	<2	<2	<2
MW-14	03/23/07	BT for Parsons	670	----	<0.50	<0.50	<0.50	<0.50	0.94	3.5	29	<2	<2	<2
MW-14	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	0.94	3.6	<10	<2	<2	<2
MW-14	08/31/07	BT for Parsons	480	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.6	27	<2	<2	<2
MW-14	11/15/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	0.97	4.0	20	<2	<2	<2
MW-14	02/07/08	BT for Parsons	180	----	<0.50	<0.50	<0.50	<0.50	0.86	5.2	28	<2	<2	<2

**APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-14	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	1.2	4.6	32	<2	<2	<2
MW-14	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	10	<2	<2	<2
MW-14	02/12/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	1.1	1.6	<10	<2	<2	<2
MW-14	04/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	16	1.9	<10	<2	<2	<2
MW-14	07/20/09	Blaine Tech for AMEC	----	----	<0.50	<0.50	<0.50	<0.50	13	1.5	<10	2.4	<2	<2
MW-14	10/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	16	2.5	<10	3.0	<2	<2
MW-14	01/12/10	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	13	2.7	4.2 J	3.2	<2	<2
MW-14	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	0.4 J	4.3	<10	<2	<2	<2
MW-14	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	0.99	3.4	<10	----	----	----
MW-14	01/10/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-14	04/13/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.0	<10	<2	<2	<2
MW-14	07/11/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.48 J	11	<2	<2	<2
MW-14	10/12/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	2.1	2.7	<10	0.83 J	<2	<2
MW-14	01/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	3.3	3.6	<10	0.83 J	<2	<2
MW-14	04/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	6.6	0.78	<10	1.2 J	<2	<2
MW-14	07/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	4.0	0.72	<10	1.1 J	<2	<2
MW-14	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	7.0	1.9	<10	1.3 J	<2	<2
MW-14	01/14/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	10	0.93	<10	1.7 J	<2	<2
MW-14	04/10/13	Parsons	----	120 b	<0.50	<0.50	<0.50	<0.50	12	1.4	<10	2.4	<2	<2
MW-14	04/29/15	SGL	<100	120	<0.50	<0.50	<0.50	<1.5	5.4	<2.0	<10	<2.0	<2.0	<2.0
MW-14	10/23/15	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	7.5	<2.0	<10	<2.0	<2.0	<2.0
MW-14	10/04/16	SGL	<100	<100	1.3	<0.50	<0.50	<1.5	6.3	<1.0	<10	<2.0	<2.0	<2.0
MW-14	04/19/17	SGL	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-15	11/26/96	Terra Services	----	----	1.4	0.66	1.0	0.62	<0.50	27	----	----	----	----
MW-15	07/14/97	Terra Services	1,000	3,500	1.5	1.1	<0.50	<1	<0.50	<5	----	----	----	----
MW-15	01/07/98	Terra Services	<500	1,500	0.62	0.73	<0.50	<1.5	<0.50	<5	----	----	----	----
MW-15	05/22/98	Terra Services	<300	----	<0.50	<0.50	<0.50	0.70	<1	<0.50	----	----	----	----
MW-15	11/13/98	Alton Geoscience	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-15	05/07/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
MW-15	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-15	05/16/00	Secor	340	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-15	11/30/00	Secor	2,100	----	<0.50	0.80	<0.50	1.1	<0.50	<0.50	----	----	----	----
MW-15	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-15	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	----	----	----	----
MW-15	04/10/02	Secor	59,000	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-15	07/30/02	IT Corporation	780	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-15	12/08/06	Secor	420	----	<0.50	<0.50	<0.50	1.0	<0.50	0.60	----	----	----	----
MW-15	05/04/07	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
MW-15	10/05/10	Blaine Tech	1,100	----	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/14/11	Blaine Tech	1,900	----	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/12/11	CH2M Hill	590	----	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/27/12	CH2M Hill	1,100	40,000	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/19/12	CHHL	940	34,000	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	04/12/13	CHHL	890	240,000	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/11/13	CHHL	2,000	140,000	<1	<1	<1	<1	<2	<1	<20	<2	<2	<2
MW-15	10/31/14	BT for CH2MHill	590	8,300	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
MW-15R	04/19/17	BT for CH2MHill	<100	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	15	<1.0	<1.0	<1.0
MW-15R	10/05/17	BT for CH2MHill	<50	79	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
MW-15R	04/19/18	BT for Jacobs	66	60	<0.50	<0.50	<0.50	<0.50	<0.50	0.76	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-15R	11/08/18	BT for Jacobs	53	52	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/11/20	BT for Jacobs	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	BT for Jacobs	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	BT for Jacobs	<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	BT for Jacobs	63	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/12/22	BT for Jacobs	<50	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	11	<1.0	<1.0	<1.0
MW-15R	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	05/03/23	BT for Jacobs	<50	54	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-15R	11/08/23	BT for Jacobs	<50	<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	GSI	50	<500	<0.50	<0.50	<0.50	1.5	140	71	-----	-----	-----	-----
MW-16	07/10/97	GTI	<50	<50	<5	<5	<5	<5	<5	<5	-----	-----	-----	-----
MW-16	01/06/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
MW-16	05/21/98	BBC	<300	-----	<0.50	0.70	<0.50	0.60	<0.50	<0.50	-----	-----	-----	-----
MW-16	11/05/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	05/27/99	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	11/18/99	IT Corporation	<300	-----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	05/17/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	11/30/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	05/09/01	IT Corporation	<300	-----	2.6	<0.50	<0.50	0.60	<0.50	<0.50	-----	-----	-----	-----
MW-16	11/07/01	IT Corporation	<300	-----	1.2	<0.50	<0.50	<0.50	<0.50	31	-----	-----	-----	-----
MW-16	02/01/02	Secor	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	220	-----	-----	-----	-----
MW-16	04/11/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	260	-----	-----	-----	-----
MW-16	10/23/02	GTI	<300	-----	<0.50	<1	<1	<1	<0.50	14	-----	-----	-----	-----
MW-16	01/29/03	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	6.8	-----	-----	-----	-----
MW-16	04/09/03	GTI	-----	-----	<0.50	<0.50	<0.50	<0.50	<1	16	-----	-----	-----	-----
MW-16	08/01/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	110	-----	-----	-----	-----
MW-16	10/11/03	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	100	-----	-----	-----	-----
MW-16	01/28/04	Secor	51	-----	<0.50	<0.50	<0.50	<0.50	<0.50	89	-----	-----	-----	-----
MW-16	04/21/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	83	110	<2	<2	<2
MW-16	07/20/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	22	-----	-----	-----	-----
MW-16	11/04/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	3.3	120	<2	<2	<2
MW-16	02/02/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	05/06/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	08/02/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	11/08/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/04/06	BT for Parsons	-----	-----	0.87	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	09/19/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-16	12/08/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	05/03/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	11/16/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/23/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/23/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/16/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/07/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
MW-16	04/12/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-16	10/12/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/17/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	04/09/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-16	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-16	04/24/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-16	10/20/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-16	04/12/16	SGI	<100	<100	1.3	<0.50	2.5	8.1	0.51	<1.0	<10	<2.0	<2.0	<2.0
MW-16	10/07/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-16	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-16	10/04/17	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-16	04/18/18	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-16	11/06/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-16	04/16/19	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-16	10/30/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/06/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	10/20/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/03/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	11/02/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/10/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-16	11/06/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/27/96	GSI	45	<500	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----	----
MW-17	07/09/97	GTI	<50	<50	<5	<5	<5	<5	<5	<5	----	----	----	----
MW-17	01/06/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
MW-17	05/20/98	BBC	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
MW-17	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	05/26/99	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	<0.50	<0.50	0.50	----	----	----	----
MW-17	05/17/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	11/29/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	05/09/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	04/10/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	10/23/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
MW-17	04/10/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	10/08/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-17	04/21/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/03/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/05/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/05/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/03/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	12/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	05/02/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	11/13/07	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/15/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/20/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-17	10/23/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/06/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
MW-17	04/12/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/13/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/16/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/09/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/08/13	Parsons	<100	110 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	04/16/14	Parsons	<100	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-17	10/27/14	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-17	04/24/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-17	10/20/15	SGI	130	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW 17	04/13/16	SGI	<100	<100	<0.50	<0.50	0.67	2.4	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-5 (MW 17)	04/13/16	SGI	<100	<100	<0.50	<0.50	0.74	2.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	10/04/16	SGI	<100	<100	<0.50	<0.50	0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-1 (MW-17)	10/04/16	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	10/03/17	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	04/17/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	11/06/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	04/16/19	SGI	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-17	10/30/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	10/20/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/05/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/02/21	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/10/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-2 (MW-17)	11/01/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	05/02/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	11/07/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-18 (MID)	07/16/97	Terra Services	<100	<500	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MW-18 (MID)	01/05/98	Terra Services	420	<500	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MW-18 (MID)	10/08/03	Secor	530	-----	1.2	<1	<1	<1	16	640	-----	-----	-----	-----
MW-18 (MID)	10/07/10	Blaine Tech	1,100	-----	290	<1.5	<1.5	<1.5	<3	12	150	11	<3	<3
MW-18 (MID)	04/13/11	Blaine Tech	4,100	-----	1,900	<10	<10	11	<20	13	<200	21	<20	<20
MW-18 (MID)	10/12/11	CH2M Hill	1,200	-----	460	<2.5	<2.5	3.2	<5	4.6	82	9.3	<5	<5
MW-18 (MID)	04/20/12	CH2M Hill	<200	330	<1	<1	<1	<2	<2	2.4	21	4.2	<2	<2
MW-18 (MID)	10/18/12	CHHL	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	BT for CH2MHill	<200	<50	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	87	5.1	<2.0	<2.0
MW-18 (MID)	04/22/15	BT for CH2MHill	<50	140	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	59	3.7	<1.0	<1.0
MW-18 (MID)	10/27/15	BT for CH2MHill	<50	130 HD	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	<10	3.1	<1.0	<1.0
MW 18 (MID)	04/13/16	BT for CH2MHill	390	440	65	1.4	<0.50	2.0	<1	4.7	74	1.5	<1.0	<1.0
MW-18 (MID)	10/06/16	BT for CH2MHill	200	490	6.1	<0.50	<0.50	1.5	<0.50	2.7	55	1.3	<1.0	<1.0
MW-18 (MID)	04/20/17	BT for CH2MHill	<100	200	<0.50	<0.50	<0.50	<0.50	<1	1.3	32	1.6	<1.0	<1.0
MW-18 (MID)	10/05/17	BT for CH2MHill	<50	120	<0.50	<0.50	<0.50	<0.50	<0.50	0.94	13	1.7	<1.0	<1.0
MW-18 (MID)	04/19/18	BT for Jacobs	<50	98	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	1.3	<1.0	<1.0
MW-18 (MID)	11/09/18	BT for Jacobs	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-18 (MID)	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
MW-18 (MID)	10/31/19	BT for Jacobs	<50	98	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	11	<1.0	<1.0	<1.0
MW-18 (MID)	05/11/20	BT for Jacobs	<50	150	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	18	1.2	<1.0	<1.0
MW-18 (MID)	11/06/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	210	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<10	<1.0	<1.0	<1.0
MW-18 (MID)	05/13/22	BT for Jacobs	<50	210	<0.50	<0.50	<0.50	<0.50	<0.50	0.83	<10	<1.0	<1.0	<1.0
MW-18 (MID)	11/03/22	BT for Jacobs	<100	140	<0.50	<0.50	<0.50	<0.50	<1.0	0.79	17	15	<1.0	<1.0
MW-18 (MID)	05/04/23	BT for Jacobs	<100	140	<0.50	<0.50	<0.50	<0.50	<1.0	0.71	<10	2.4	<1.0	<1.0
MW-18 (MID)	11/10/23	BT for Jacobs	<200	200	<1.0	<1.0	<1.0	<1.0	<2.0	2.0	130	39	<2.0	<2.0
MW-19 (MID)	11/26/96	Terra Services	----	----	48	<0.50	17	1.8	7.7	600	----	----	----	----
MW-19 (MID)	07/16/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	9.1	810	----	----	----	----
MW-19 (MID)	01/05/98	Terra Services	<100	<500	<5	<50	<5	<15	<5	1,400	----	----	----	----
MW-19 (MID)	05/27/98	Terra Services	500	----	<5	<0.50	<5	<10	14	590	----	----	----	----
MW-19 (MID)	08/26/98	Geomatrix	514	----	<2.5	<2.5	<2.5	<2.5	11	779	----	----	----	----
MW-19 (MID)	11/17/98	Alton Geoscience	491	----	<5	<5	<5	<5	11	850	----	----	----	----
MW-19 (MID)	02/03/99	Alton Geoscience	<10,000	<500	<10	<10	<10	<20	<20	1,300	----	----	----	----
MW-19 (MID)	05/06/99	Alton Geoscience	540	<500	42	<1	<1	<1	<2.5	1,500	----	----	----	----
MW-19 (MID)	08/10/99	Alton Geoscience	600	<1,000	<0.50	<1	<1	<1	6.8	980	----	----	----	----
MW-19 (MID)	11/17/99	Secor	1,100	----	26	<5	<5	<5	<5	1,100	----	----	----	----
MW-19 (MID)	02/29/00	Secor	2,000	----	530	<5	<5	<5	<5	1,100	----	----	----	----
MW-19 (MID)	05/17/00	Secor	5,200	----	1,900	<25	<25	<25	<25	2,600	----	----	----	----
MW-19 (MID)	08/29/00	Secor	2,700	----	560	<10	<10	<10	<10	3,200	----	----	----	----
MW-19 (MID)	11/30/00	Secor	2,100	----	520	3.6	0.90	6.1	<0.50	1,200	----	----	----	----
MW-19 (MID)	02/06/01	Secor	780	----	66	<10	<10	<10	<10	720	----	----	----	----
MW-19 (MID)	05/09/01	Secor	360	----	4.4	<2.5	<2.5	<2.5	6.5	490	----	----	----	----
MW-19 (MID)	09/19/01	Secor	<300	----	<2.5	<2.5	<2.5	<2.5	8.2	200	----	----	----	----
MW-19 (MID)	11/06/01	Secor	<300	----	<1	<1	<1	<1	6.5	180	----	----	----	----
MW-19 (MID)	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	5.1	33	----	----	----	----
MW-19 (MID)	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	4.3	11	----	----	----	----
MW-19 (MID)	10/23/02	Secor	<300	----	1.1	<0.50	<0.50	<0.50	3.5	7.4	----	----	----	----
MW-19 (MID)	04/10/03	Secor	92	----	<0.50	<0.50	<0.50	<0.50	2.5	4.3	----	----	----	----
MW-19 (MID)	10/07/03	Secor	84	----	<0.50	<0.50	<0.50	<0.50	2.3	1.0	----	----	----	----
MW-19 (MID)	04/21/04	Secor	99	----	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	----	----	----	----
MW-19 (MID)	11/03/04	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	2.0	0.81	----	----	----	----
MW-19 (MID)	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-19 (MID)	11/03/05	Secor	68	----	<0.50	<0.50	<0.50	<0.50	4.2	1.2	----	----	----	----
MW-19 (MID)	05/03/06	Secor	76	----	<0.50	<0.50	<0.50	<0.50	13	2.2	----	----	----	----
MW-19 (MID)	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	----	----	----	----
MW-19 (MID)	05/02/07	Secor	61	----	<0.50	<0.50	<0.50	<0.50	2.2	1.1	----	----	----	----
MW-19 (MID)	11/13/07	Secor	57	----	<0.50	<0.50	<0.50	<0.50	2.9	0.86	----	----	----	----
MW-19 (MID)	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	3.0	1.2	----	----	----	----
MW-19 (MID)	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	3.2	1.3	----	----	----	----
MW-19 (MID)	04/20/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	3.8	0.81	66	9.8	<1	<1
MW-19 (MID)	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	5.0	0.79	130	16	<1	<1
MW-19 (MID)	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	3.1	<0.50	<10	12	<1	<1
MW-19 (MID)	10/06/10	Blaine Tech	62	----	<0.50	<0.50	<0.50	<0.50	3.5	0.91	130	19	<1	<1
MW-19 (MID)	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	3.2	0.81	67	14	<1	<1
MW-19 (MID)	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	3.2	0.67	110	11	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-19 (MID)	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	4.7	1.0	290	22	<1	<1
MW-19 (MID)	10/17/12	CHHL	<50	77	<0.50	<0.50	<0.50	<0.50	5.3	1.1	360	28	<1	<1
MW-19 (MID)	04/11/13	CHHL	55	<50	<0.50	<0.50	<0.50	<0.50	9.2	2.0	330	31	<1	<1
MW-19 (MID)	10/10/13	CHHL	54	<50	<0.50	<0.50	<0.50	<0.50	7.4	2.0	350	25	<1	<1
MW-19 (MID)	04/17/14	CHHL	74	<50	<0.50	<0.50	<0.50	<0.50	9.1	2.0	440	25	<1	<1
MW-19 (MID)	10/30/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	3.5	0.74	87	9.2	<1.0	<1.0
MW-19 (MID)	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	3.7	1.1	130	13	<1.0	<1.0
MW-19 (MID)	10/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	2.9	<0.50	36	6.2	<1.0	<1.0
MW-19 (MID)	04/13/16	BT for CH2MHill	<50	54	<0.50	<0.50	<0.50	<0.50	4.8	1.0	420	23	<1.0	<1.0
MW-19 (MID)	10/05/16	BT for CH2MHill	54	<50	<0.50	<0.50	<0.50	<0.50	3.8	0.68	220	19	<1.0	<1.0
MW-19 (MID)	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	88	11	<1.0	<1.0
MW-19 (MID)	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	22	4.2	<1.0	<1.0
MW-19 (MID)	04/18/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	31	5.6	<1.0	<1.0
MW-19 (MID)	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	23	4.3	<1.0	<1.0
MW-19 (MID)	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	15	2.2	<1.0	<1.0
MW-19 (MID)	10/29/19	BT for Jacobs	<50	58	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	11	1.6	<1.0	<1.0
MW-19 (MID)	05/07/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	1.7	<1.0	<1.0
MW-19 (MID)	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	1.8	<1.0	<1.0
MW-19 (MID)	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	16	2.2	<1.0	<1.0
MW-19 (MID)	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	1.1	<1.0	<1.0
MW-19 (MID)	11/10/23	BT for Jacobs	<50	54	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0
MW-20 (MID)	11/22/96	Terra Services	-----	-----	<0.50	<0.50	<0.50	1.5	66	36	-----	-----	-----	-----
MW-20 (MID)	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	33	13	-----	-----	-----	-----
MW-20 (MID)	01/05/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	17	9.2	-----	-----	-----	-----
MW-20 (MID)	05/27/98	Terra Services	<300	-----	<0.50	<0.50	<0.50	<1	35	22	-----	-----	-----	-----
MW-20 (MID)	11/16/98	Alton Geoscience	<300	-----	14	41	4.8	30	31	33	-----	-----	-----	-----
MW-20 (MID)	05/07/99	Alton Geoscience	<500	<500	5.6	22	1.7	9.8	22	13	-----	-----	-----	-----
MW-20 (MID)	11/16/99	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	21	19	-----	-----	-----	-----
MW-20 (MID)	05/19/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	22	11	-----	-----	-----	-----
MW-20 (MID)	11/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	17	8.1	-----	-----	-----	-----
MW-20 (MID)	05/09/01	Secor	<300	-----	<50	<50	<50	<50	2,200	1,300	-----	-----	-----	-----
MW-20 (MID)	09/19/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	23	11	-----	-----	-----	-----
MW-20 (MID)	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	23	14	-----	-----	-----	-----
MW-20 (MID)	04/11/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	17	12	-----	-----	-----	-----
MW-20 (MID)	10/24/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	20	20	-----	-----	-----	-----
MW-20 (MID)	04/10/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	17	11	-----	-----	-----	-----
MW-20 (MID)	10/08/03	Secor	<100	-----	<0.50	<0.50	<0.50	<0.50	29	19	-----	-----	-----	-----
MW-20 (MID)	04/21/04	Secor	56	-----	<0.50	<0.50	<0.50	<0.50	27	18	-----	-----	-----	-----
MW-20 (MID)	11/05/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	23	15	-----	-----	-----	-----
MW-20 (MID)	05/05/05	Secor	97	-----	<0.50	<0.50	<0.50	<0.50	33	57	-----	-----	-----	-----
MW-20 (MID)	11/03/05	Secor	58	-----	<0.50	<0.50	<0.50	<0.50	25	46	-----	-----	-----	-----
MW-20 (MID)	05/03/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	21	32	-----	-----	-----	-----
MW-20 (MID)	12/07/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	21	25	-----	-----	-----	-----
MW-20 (MID)	05/05/07	Secor	59	-----	<0.50	<0.50	<0.50	<0.50	20	25	-----	-----	-----	-----
MW-20 (MID)	11/14/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	20	23	-----	-----	-----	-----
MW-20 (MID)	04/17/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	15	21	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-20 (MID)	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	17	18	-----	-----	-----	-----
MW-20 (MID)	04/22/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	17	16	28	11	<1	<1
MW-20 (MID)	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	16	18	32	14	<1	<1
MW-20 (MID)	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	18	16	<10	12	<1	<1
MW-20 (MID)	10/06/10	Blaine Tech	51	----	<0.50	<0.50	<0.50	<0.50	15	19	40	13	<1	<1
MW-20 (MID)	04/12/11	Blaine Tech	51	----	<0.50	<0.50	<0.50	<0.50	17	18	<10	17	<1	<1
MW-20 (MID)	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	13	17	38	11	<1	<1
MW-20 (MID)	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	15	12	26	9.9	<1	<1
MW-20 (MID)	10/17/12	CHHL	<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	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	14	9.8	<10	6.7	<1	<1
MW-20 (MID)	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	16	14	29	11	<1	<1
MW-20 (MID)	04/16/14	CHHL	55	<50	<0.50	<0.50	<0.50	<0.50	13	9.6	22	7.4	<1	<1
MW-20 (MID)	10/30/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	10	8.7	18	6.6	<1.0	<1.0
MW-20 (MID)	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	6.2	11	19	8.2	<1.0	<1.0
MW-20 (MID)	10/23/15	BT for CH2MHill	91 HD	<50	<0.50	0.50	<0.50	0.70	0.65	4.7	<10	3.2	<1.0	<1.0
MW-20 (MID)	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	10	8.9	25	6.3	<1.0	<1.0
MW-20 (MID)	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	13	7.1	22	7.2	<1.0	<1.0
MW-20 (MID)	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	9.0	8.1	21	6.0	<1.0	<1.0
MW-20 (MID)	10/03/17	BT for CH2MHill	<50	<100	<0.50	<0.50	<0.50	<0.50	8.6	6.8	16	5.1	<1.0	<1.0
MW-20 (MID)	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	7.9	6.1	<10	4.9	<1.0	<1.0
MW-20 (MID)	11/07/18	BT for Jacobs	<50	<100	<0.50	<0.50	<0.50	<0.50	4.4	4.6	<10	2.7	<1.0	<1.0
MW-20 (MID)	04/18/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	12	16	34	8.0	<1.0	<1.0
MW-20 (MID)	10/29/19	BT for Jacobs	<50	52	<0.50	<0.50	<0.50	<0.50	7.6	8.9	16	4.9	<1.0	<1.0
MW-20 (MID)	05/07/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	8.6	9.6	21	5.7	<1.0	<1.0
MW-20 (MID)	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	7.8	8.0	30	5.7	<1.0	<1.0
MW-20 (MID)	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	9.7	10	20	5.6	<1.0	<1.0
MW-20 (MID)	05/02/23	BT for Jacobs	<50	58	<0.50	<0.50	<0.50	<0.50	10	8.4	14	5.0	<1.0	<1.0
MW-20 (MID)	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	8.0	6.6	<10	2.9	<1.0	<1.0
MW-21 (MID)	05/07/99	Alton Geoscience	<500	590	<1	<1	<1	<1	75	39	-----	-----	-----	-----
MW-21 (MID)	11/29/00	Secor	<300	----	3.6	<0.50	<0.50	<0.50	16	62	-----	-----	-----	-----
MW-21 (MID)	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	9.8	50	-----	-----	-----	-----
MW-21 (MID)	11/06/01	Secor	<300	----	0.50	<0.50	<0.50	<0.50	12	69	-----	-----	-----	-----
MW-21 (MID)	04/10/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	8.6	71	-----	-----	-----	-----
MW-21 (MID)	10/23/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	7.4	61	-----	-----	-----	-----
MW-21 (MID)	10/07/03	Secor	87	----	<0.50	<0.50	<0.50	<0.50	5.6	55	-----	-----	-----	-----
MW-21 (MID)	05/06/05	Secor	62	----	<0.50	<0.50	<0.50	<0.50	2.8	25	-----	-----	-----	-----
MW-21 (MID)	05/03/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	1.5	13	-----	-----	-----	-----
MW-21 (MID)	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.73	3.3	-----	-----	-----	-----
MW-21 (MID)	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.88	6.4	-----	-----	-----	-----
MW-21 (MID)	04/20/09	Blaine Tech for AMEC	<100	----	<0.50	<0.50	<0.50	<0.50	2.3	1.9	25	2.3	<1	<1
MW-21 (MID)	05/26/10	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	2.9	1.5	<10	3.2	<1	<1
MW-21 (MID)	04/12/11	Blaine Tech	72	----	<0.50	<0.50	<0.50	<0.50	3.8	2.4	32	3.0	<1	<1
MW-21 (MID)	04/18/12	CH2M Hill	<100	140	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	17	<1	<1	<1
MW-21 (MID)	04/10/13	CHHL	<200	61	<1	<1	<1	<1	2.4	<1	22	3.3	<2	<2
MW-21 (MID)	10/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	2.8	0.81	35	3.0	<1	<1
MW-21 (MID)	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	4.2	0.51	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-21 (MID)	10/30/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	3.6	0.69	<10	<1.0	<1.0	<1.0
MW-21 (MID)	04/22/15	BT for CH2MHill	<50	56	<0.50	<0.50	<0.50	<0.50	3.4	0.68	<10	<1.0	<1.0	<1.0
MW-21 (MID)	10/23/15	BT for CH2MHill	120 HD	57	<0.50	<0.50	<0.50	<0.50	3.4	1.1	<10	<1.0	<1.0	<1.0
MW-21 (MID)	04/13/16	BT for CH2MHill	<50	87	<0.50	<0.50	<0.50	<0.50	3.5	0.79	<10	<1.0	<1.0	<1.0
MW-21 (MID)	10/05/16	BT for CH2MHill	57	82	<0.50	<0.50	<0.50	<0.50	3.2	1.2	<10	<1.0	<1.0	<1.0
MW-21 (MID)	04/19/17	BT for CH2MHill	<100	120	<0.50	<0.50	<0.50	<0.50	2.2	1.0	12	<1.0	<1.0	<1.0
DUP-2 [MW-21 (MID)]	04/19/17	BT for CH2MHill	<100	140	<0.50	<0.50	<0.50	<0.50	2.2	0.99	11	<1.0	<1.0	<1.0
MW-21 (MID)	10/03/17	BT for CH2MHill	<50	67	<0.50	<0.50	<0.50	<0.50	3.1	1.4	10	<1.0	<1.0	<1.0
DUP-1 [MW-21 (MID)]	10/03/17	BT for CH2MHill	<50	71	<0.50	<0.50	<0.50	<0.50	3.0	1.2	<10	<1.0	<1.0	<1.0
MW-21 (MID)	04/18/18	BT for Jacobs	68	110	<0.50	<0.50	<0.50	<0.50	2.4	1.3	<10	<1.0	<1.0	<1.0
DUP [MW-21 (MID)]	04/18/18	BT for Jacobs	<50	100	<0.50	<0.50	<0.50	<0.50	2.0	1.0	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/07/18	BT for Jacobs	<50	90	<0.50	<0.50	<0.50	<0.50	1.4	0.60	<10	<1.0	<1.0	<1.0
DUP-1 [MW-21 (MID)]	11/07/18	BT for Jacobs	<50	83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-21 (MID)	04/18/19	BT for Jacobs	<50	56	<0.50	<0.50	<0.50	<0.50	3.0	1.5	<10	<1.0	<1.0	<1.0
DUPE [MW-21 (MID)]	04/18/19	BT for Jacobs	<50	59	<0.50	<0.50	<0.50	<0.50	2.9	1.4	<10	<1.0	<1.0	<1.0
MW-21 (MID)	10/30/19	BT for Jacobs	<50	99	<0.50	<0.50	<0.50	<0.50	1.2	0.58	<10	<1.0	<1.0	<1.0
DUP-1 [MW-21 (MID)]	10/30/19	BT for Jacobs	<50	71	<0.50	<0.50	<0.50	<0.50	1.3	0.62	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/07/20	BT for Jacobs	<50	59	<0.50	<0.50	<0.50	<0.50	0.93	0.80	<10	<1.0	<1.0	<1.0
DUP-1 [MW-21 (MID)]	05/07/20	BT for Jacobs	<50	63	<0.50	<0.50	<0.50	<0.50	0.91	0.78	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/03/20	BT for Jacobs	<50	90	<0.50	<0.50	<0.50	<0.50	0.54	0.68	<10	<1.0	<1.0	<1.0
DUP-1 (MW-21 (MID))	11/03/20	BT for Jacobs	<50	86	<0.50	<0.50	<0.50	<0.50	0.58	0.60	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/05/21	BT for Jacobs	<50	99	<0.50	<0.50	<0.50	<0.50	1.6	0.97	<10	<1.0	<1.0	<1.0
DUP-3 (MW-21 (MID))	05/05/21	BT for Jacobs	<50	100	<0.50	<0.50	<0.50	<0.50	1.9	1.0	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/02/21	BT for Jacobs	<50	80	<0.50	<0.50	<0.50	<0.50	1.5	1.2	<10	<1.0	<1.0	<1.0
DUP-2 (MW-21 (MID))	11/02/21	BT for Jacobs	<50	75	<0.50	<0.50	<0.50	<0.50	1.6	1.2	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/10/22	BT for Jacobs	<50	78 J	<0.50	<0.50	<0.50	<0.50	0.68	0.81	<10	<1.0	<1.0	<1.0
DUP-1 [MW-21 (MID)]	05/10/22	BT for Jacobs	<50	160 J	<0.50	<0.50	<0.50	<0.50	0.70	0.72	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/01/22	BT for Jacobs	<50	100	<0.50	<0.50	<0.50	<0.50	0.64	0.66	<10	<1.0	<1.0	<1.0
DUP-1 [MW-21 (MID)]	11/01/22	BT for Jacobs	<50	92	<0.50	<0.50	<0.50	<0.50	0.63	0.72	<10	<1.0	<1.0	<1.0
MW-21 (MID)	05/03/23	BT for Jacobs	<50	88	<0.50	<0.50	<0.50	<0.50	1.0	0.65	<10	<1.0	<1.0	<1.0
DUP (MW-21 (MID))	05/03/23	BT for Jacobs	<50	90	<0.50	<0.50	<0.50	<0.50	1.1	0.75	<10	<1.0	<1.0	<1.0
MW-21 (MID)	11/09/23	BT for Jacobs	<50	97	<0.50	<0.50	<0.50	<0.50	1.1	1.5	<10	<1.0	<1.0	<1.0
DUP-6 [MW-21 (MID)]	11/09/23	BT for Jacobs	<50	100	<0.50	<0.50	<0.50	<0.50	1.2	1.3	<10	<1.0	<1.0	<1.0
MW-22 (MID)	11/21/96	GSI	46	<500	<0.50	<0.50	<0.50	<1.5	4.7	<5	-----	-----	-----	-----
MW-22 (MID)	07/10/97	GTI	<50	650	<5	<5	<5	<5	15	<5	-----	-----	-----	-----
MW-22 (MID)	01/06/98	GTI	-----	400	<5	<5	<5	<1	<5	<5	-----	-----	-----	-----
MW-22 (MID)	05/21/98	BBC	<300	-----	<0.50	<0.50	<0.50	<1	0.90	<0.50	-----	-----	-----	-----
MW-22 (MID)	08/26/98	Geomatrix	<300	-----	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	-----	-----	-----	-----
MW-22 (MID)	11/04/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	1.6	<0.50	-----	-----	-----	-----
MW-22 (MID)	02/02/99	Alton Geoscience	<500	<500	1.1	2.1	0.56	2.1	3.2	0.69	-----	-----	-----	-----
MW-22 (MID)	05/07/99	Alton Geoscience	-----	<500	8.0	3.4	1.7	7.5	<1	6.9	-----	-----	-----	-----
MW-22 (MID)	05/26/99	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	3.7	4.7	-----	-----	-----	-----
MW-22 (MID)	08/10/99	Alton Geoscience	<500	<1,000	3.1	6.2	<1	4.9	8.9	<1	-----	-----	-----	-----
MW-22 (MID)	11/18/99	IT Corporation	<300	-----	<0.50	<1	<0.50	<0.50	19	0.80	-----	-----	-----	-----
MW-22 (MID)	02/29/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	29	3.3	-----	-----	-----	-----
MW-22 (MID)	05/16/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	16	2.4	-----	-----	-----	-----
MW-22 (MID)	08/29/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	45	14	-----	-----	-----	-----
MW-22 (MID)	11/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	88	13	-----	-----	-----	-----
MW-22 (MID)	11/29/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	88	13	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-22 (MID)	02/06/01	Secor	<300	----	<1	<1	<1	<1	120	14	----	----	----	----
MW-22 (MID)	05/09/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	110	12	----	----	----	----
MW-22 (MID)	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	83	11	----	----	----	----
MW-22 (MID)	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	30	4.5	----	----	----	----
MW-22 (MID)	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	36	6.5	----	----	----	----
MW-22 (MID)	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	30	19	----	----	----	----
MW-22 (MID)	04/12/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	22	11	----	----	----	----
MW-22 (MID)	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	24	8.7	----	----	----	----
MW-22 (MID)	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	18	5.4	----	----	----	----
MW-22 (MID)	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	18	4.8	----	----	----	----
MW-22 (MID)	04/11/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	9.1	2.4	----	----	----	----
MW-22 (MID)	10/11/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	12	2.8	----	----	----	----
MW-22 (MID)	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	19	4.8	21	3.2	<2	<2
MW-22 (MID)	07/21/04	BT for Parsons	180	----	<0.50	<0.50	<0.50	<0.50	----	11	----	----	----	----
MW-22 (MID)	11/04/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	31	11	17	2.8	<2	<2
MW-22 (MID)	03/02/05	BT for Parsons	----	----	<0.50	<1	<1	<1	----	15	----	----	----	----
MW-22 (MID)	05/07/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	1.8	30	<10	<2	<2	<2
MW-22 (MID)	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	2.1	30	13	<2	<2	<2
MW-22 (MID)	05/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	6.1	14	<10	<2	<2	<2
MW-22 (MID)	12/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	5.3	16	13	<2	<2	<2
MW-22 (MID)	05/02/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	4.4	14	17	<2	<2	<2
MW-22 (MID)	11/14/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	10	15	19	2.1	<2	<2
MW-22 (MID)	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	8.3	11	18	<2	<2	<2
MW-22 (MID)	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	9.7	16	16	2.1	<2	<2
MW-22 (MID)	02/12/09	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	15	18	22	3.1	<2	<2
MW-22 (MID)	04/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	11	23	22	<2	<2	<2
MW-22 (MID)	07/20/09	Blaine Tech for AMEC	----	----	<0.50	<0.50	<0.50	<0.50	11	19	34	2.9	<2	<2
MW-22 (MID)	10/23/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	13	16	27	<2	<2	<2
MW-22 (MID)	01/13/10	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	9.7	13	24	2.1	<2	<2
MW-22 (MID)	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	11	8.7	23	1.8 J	<2	<2
MW-22 (MID)	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	10	13	<10	----	----	----
MW-22 (MID)	01/10/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	4.8	6.2	10	0.82 J	<2	<2
MW-22 (MID)	04/14/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	6.5	10	<10	0.76 J	<2	<2
MW-22 (MID)	07/11/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	5.5	7.8	13	0.48 J	<2	<2
MW-22 (MID)	10/13/11	Parsons	----	----	0.39 J	0.38 J	<0.50	<0.50	4.6	6.3	7.2 J	0.37 J	<2	<2
MW-22 (MID)	01/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	4.4	6.6	12	0.45 J	<2	<2
MW-22 (MID)	04/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	7.1	10	21	0.69 J	<2	<2
MW-22 (MID)	07/09/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	4.4	5.8	<10	0.43 J	<2	<2
MW-22 (MID)	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	6.4	12	<10	0.85 J	<2	<2
MW-22 (MID)	01/14/13	Parsons	----	<100	<0.50	<0.50	<0.50	<0.50	4.4	5.3	<10	0.42 J	<2	<2
MW-22 (MID)	04/10/13	Parsons	----	250 b	<0.50	<0.50	<0.50	<0.50	7.0	11	14	1.1 J	<2	<2
MW-22 (MID)	10/07/13	Parsons	<100	240 HD	<0.50	<0.50	<0.50	<0.50	3.7	4.6	<10	<2	<2	<2
MW-22 (MID)	04/16/14	Parsons	<100	100 HD	<0.50	<0.50	<0.50	<0.50	5.0	6.8	<10	0.64 J	<2	<2
MW-22 (MID)	10/28/14	SGI	<100	210	<0.50	<0.50	<0.50	<1.5	8.8	9.1	<10	<2.0	<2.0	<2.0
MW-22 (MID)	04/24/15	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	10	8.9	19	2.6	<2.0	<2.0
MW-22 (MID)	10/23/15	SGI	<100	160	<0.50	<0.50	<0.50	<1.5	8.7	6.5	18	2.7	<2.0	<2.0
MW-22 (MID)	10/23/15	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	6.4	5.2	12	2.4	<2.0	<2.0
MW-22 (MID)	04/13/16	SGI	<100	170	<0.50	<0.50	0.87	2.7	6.8	5.0	<10	<2.0	<2.0	<2.0
MW-22 (MID)	10/05/16	SGI	<100	170	1.5	<0.50	<0.50	<1.5	7.1	4.4	<10	<2.0	<2.0	<2.0
MW-22 (MID)	04/19/17	SGI	<100	110	<0.50	<0.50	<0.50	<1.5	2.9	2.1	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-22 (MID)	10/05/17	SGL	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-22 (MID)	04/19/18	SGL	<100	340	<0.50	<0.50	<0.50	<1.5	4.9	4.8 J	20 J	<2.0	<2.0	<2.0
DUP-4 [MW-22 (MID)]	04/19/18	SGL	<100	300	<0.50	<0.50	<0.50	<1.5	4.2	3.5 J	<10	<2.0	<2.0	<2.0
MW-22 (MID)	11/08/18	SGL	<100	110	<0.50	<0.50	<0.50	<1.5	1.6	2.0	<10	<2.0	<2.0	<2.0
MW-22 (MID)	04/17/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.8	<10	<2.0	<2.0	<2.0
MW-22 (MID)	11/05/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	2.3	6.0	11	<2.0	<2.0	<2.0
DUP-5 [MW-22 (MID)]	11/05/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	2.7	6.3	11	2.0	<2.0	<2.0
MW-22 (MID)	05/07/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	1.7	<1.2	<10	<2.0	<2.0	<2.0
MW-22 (MID)	10/22/20	SGL	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	2.4	<10	<2.0	<2.0	<2.0
MW-22 (MID)	05/06/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	1.7	1.6	<10	<2.0	<2.0	<2.0
MW-22 (MID)	11/03/21	SGL/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	1.3	<1.2	<10	<2.0	<2.0	<2.0
MW-22 (MID)	05/12/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-22 (MID)	11/02/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.8	20	<2.0	<2.0	<2.0
MW-22 (MID)	05/05/23	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	0.98	1.6	34	<2.0	<2.0	<2.0
DUP (MW-22 (MID))	05/03/23	SGL/Apex	<100	150	<0.50	<0.50	<0.50	<1.5	1.1	1.8	35	<2.0	<2.0	<2.0
MW-22 (MID)	11/08/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	0.65	<1.2	<10	<2.0	<2.0	<2.0
MW-23 (MID)	11/21/96	GSI	1,400	<500	62	<0.50	18	3.5	0.60	----	----	----	----	----
MW-23 (MID)	07/09/97	GTI	----	----	160	<1	21	26	----	----	----	----	----	----
MW-23 (MID)	07/09/97	GTI	140	970	----	----	----	----	----	----	----	----	----	----
MW-23 (MID)	01/06/98	GTI	----	<100	<0.30	----	<0.30	----	----	----	----	----	----	----
MW-23 (MID)	05/20/98	BBC	<300	----	----	----	----	----	----	----	----	----	----	----
MW-23 (MID)	11/04/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-23 (MID)	05/27/99	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-23 (MID)	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-23 (MID)	05/16/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-23 (MID)	11/29/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-23 (MID)	05/10/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-23 (MID)	11/07/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-23 (MID)	04/10/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-23 (MID)	10/23/02	GTI	<300	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
MW-23 (MID)	04/10/03	GTI	----	----	<1	<1	<1	<2	<3	<3	----	----	----	----
MW-23 (MID)	10/08/03	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
MW-23 (MID)	04/22/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
MW-23 (MID)	11/04/04	BT for Parsons	----	----	<0.30	<0.30	<0.30	<0.30	----	<5	----	----	----	----
MW-23 (MID)	05/10/05	BT for Parsons	----	----	0.40	0.79	0.41	<0.30	----	<5	----	----	----	----
MW-23 (MID)	05/03/06	BT for Parsons	----	----	<0.30	<0.30	<0.30	0.32	----	<5	----	----	----	----
MW-23 (MID)	12/06/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
MW-23 (MID)	05/02/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
MW-23 (MID)	11/14/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
MW-23 (MID)	04/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<1	----	<5	----	----	----	----
MW-23 (MID)	10/15/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/21/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	----	----	----	----
MW-23 (MID)	10/23/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-23 (MID)	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	----	<0.50	4.8 J	<2	<2	<2
MW-23 (MID)	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	0.73	<10	----	----	----
MW-23 (MID)	04/14/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	<10	<2	<2	<2
MW-23 (MID)	10/13/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	10	14	<2	<2	<2
MW-23 (MID)	04/19/12	Parsons	----	----	<0.50	<0.50	<0.50	0.32 J	<0.50	9.9	19	<2	<2	<2
MW-23 (MID)	10/19/12	Parsons	----	----	<0.50	<0.50	0.25 J	0.43	<0.50	4.3	<10	<2	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-23 (MID)	04/11/13	Parsons	----	4,800	<0.50	<0.50	<0.50	0.85 J	<0.50	2.9	13	<2	<2	<2
MW-24	11/21/96	GSI	92	<500	<0.50	<0.50	<0.50	<1.5	<0.50	----	----	----	----	----
MW-24	07/09/97	GTI	100	1,400	11	<5	<5	<5	<5	----	----	----	----	----
MW-24	01/06/98	GTI	700	<100	93	<0.50	4.0	<1	<0.50	<0.50	----	----	----	----
MW-24	05/20/98	BBC	<300	----	<0.30	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
MW-24	11/04/98	GTI	<300	----	11	2.7	2.1	18	<0.50	<0.50	----	----	----	----
MW-24	05/26/99	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	05/16/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	11/29/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	05/09/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	04/10/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	10/23/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
MW-24	04/11/03	GTI	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	10/08/03	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-24	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/04/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/07/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	12/06/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	11/14/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/21/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/23/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	0.51	<10	----	----	----
MW-24	04/13/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	10/13/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-24	04/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	6.3 J	<2	<2	<2
MW-24	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	<10	<2	<2	<2
MW-24	04/09/13	Parsons	----	150 b	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/08/13	Parsons	<100	230 HD	<0.50	<0.50	<0.50	<0.50	<0.50	1.0	<10	<2	<2	<2
MW-24	04/16/14	Parsons	<100	110 HD	<0.50	<0.50	<0.50	<0.50	<0.50	0.87	<10	<2	<2	<2
MW-24	10/28/14	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-24	10/28/14	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-24	04/24/15	SGI	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-24	10/22/15	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-24	10/22/15	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-24	04/13/16	SGI	<100	<100	<0.50	<0.50	1.2	3.9	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-24	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-24	10/02/17	SGI	<100	210	1.0	<0.50	4.7	1.7	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-24	10/25/17	SGI	----	410	<0.50	<0.50	<0.50	<1.5	<0.50	1.0	<10	<2.0	<2.0	<2.0
MW-24	04/19/18	SGI	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	1.2	<10	<2.0	<2.0	<2.0
MW-24	11/08/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE-4 (MW-24)	11/08/18	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-24	04/17/19	SGL	<100	520	<0.50	<0.50	<0.50	<1.5	<0.50	2.0	<10	<2.0	<2.0	<2.0
MW-24	11/05/19	SGL	<100	1,300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/11/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	10/19/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/04/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	11/02/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-1 (MW-24)	11/02/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/09/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	11/02/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	05/03/23	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-24	11/09/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-25	11/21/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	17	<5	-----	-----	-----	-----
MW-25	07/09/97	GTI	<50	660	<5	<5	<5	<5	17	<5	-----	-----	-----	-----
MW-25	01/06/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	15	<0.50	-----	-----	-----	-----
MW-25	05/21/98	BBC	<300	-----	<0.30	<0.50	<0.50	<1	8.6	<0.50	-----	-----	-----	-----
MW-25	11/04/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	11	<0.50	-----	-----	-----	-----
MW-25	05/06/99	Alton Geoscience	<500	<500	1.9	1.2	0.68	3.3	14	1.3	-----	-----	-----	-----
MW-25	05/26/99	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	10	<0.50	-----	-----	-----	-----
MW-25	11/18/99	IT Corporation	<300	-----	<0.50	<1	<0.50	<0.50	27	0.70	-----	-----	-----	-----
MW-25	05/16/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	50	4.7	-----	-----	-----	-----
MW-25	11/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	62	11	-----	-----	-----	-----
MW-25	11/29/00	IT Corporation	<300	-----	<0.50	0.60	<0.50	0.80	73	14	-----	-----	-----	-----
MW-25	05/09/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	45	7.1	-----	-----	-----	-----
MW-25	05/09/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	36	6.2	-----	-----	-----	-----
MW-25	11/07/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	39	9.3	-----	-----	-----	-----
MW-25	04/12/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	23	9.4	-----	-----	-----	-----
MW-25	10/24/02	GTI	<300	-----	<0.50	<1	<1	<1	15	5.1	-----	-----	-----	-----
MW-25	04/11/03	GTI	-----	-----	<0.50	<0.50	<0.50	<0.50	30.6	8.61	-----	-----	-----	-----
MW-25	10/11/03	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	13	3.4	-----	-----	-----	-----
MW-25	04/22/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	13	3.5	<10	2.4	<2	<2
MW-25	11/04/04	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	17	3.4	<10	2.9	<2	<2
MW-25	05/07/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	2.8	5	<10	<2	<2	<2
MW-25	11/08/05	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	0.95	1.9	<10	<2	<2	<2
MW-25	05/05/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	4.3	10	<10	<2	<2	<2
MW-25	12/05/06	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	3	3.5	<10	<2	<2	<2
MW-25	05/03/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	2.8	2.3	<10	<2	<2	<2
MW-25	11/14/07	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	1.6	1.3	<10	<2	<2	<2
MW-25	04/17/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	4.5	4.3	<10	<2	<2	<2
MW-25	10/16/08	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	8.9	6.1	<10	2.3	<2	<2
MW-25	04/22/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	8.3	2.9	<10	<2	<2	<2
MW-25	10/23/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	4.1	0.83	<10	<2	<2	<2
MW-25	04/13/10	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	10	2.7	<10	2.5	<2	<2
MW-25	10/04/10	BT for Parsons	-----	-----	<0.50	-----	-----	-----	2	0.35 J	<10	-----	-----	-----
MW-25	04/12/11	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	7.1	1.4	<10	0.71 J	<2	<2
MW-25	10/13/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	1.4	0.31 J	<10	<2	<2	<2
MW-25	04/17/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
MW-25	10/16/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	3.4	0.67	<10	<2	<2	<2
MW-25	04/09/13	Parsons	-----	<100	<0.50	<0.50	<0.50	<0.50	3.6	0.49 J	<10	<2	<2	<2
MW-25	11/07/19	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	1.4	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-26	11/21/96	GSI	6,700	<500	460	400	200	340	0.7	----	----	----	----	----
MW-26	07/10/97	GTI	<50	270	<5	<5	<5	<5	<5	340	----	----	----	----
MW-26	01/06/98	GTI	<500	<100	<2.5	<2.5	<2.5	<5	<2.5	407	----	----	----	----
MW-26	05/21/98	BBC	<300	----	<0.30	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
MW-26	11/04/98	GTI	<300	----	<0.50	1.3	<0.50	1.1	<0.50	146	----	----	----	----
MW-26	05/26/99	GTI	8,260	----	3,000	170	400	1,000	<0.50	380	----	----	----	----
MW-26	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	<0.50	<0.50	3.4	----	----	----	----
MW-26	05/16/00	IT Corporation	8,400	----	2,300	<5	410	1,480	<5	76	----	----	----	----
MW-26	11/29/00	IT Corporation	1,800	----	440	15	69	240	<10	69	----	----	----	----
MW-26	05/10/01	IT Corporation	<300	----	2.1	<0.50	<0.50	<0.50	<0.50	1.9	----	----	----	----
MW-26	11/07/01	IT Corporation	1,700	----	370	79	37	171	<0.50	35	----	----	----	----
MW-26	04/11/02	IT Corporation	4,000	----	1,200	<5	230	528	<5	65	----	----	----	----
MW-26	10/24/02	GTI	2,100	----	970	<5	<5	262	<2.5	74	----	----	----	----
MW-26	04/11/03	GTI	----	----	858	<0.50	243	78.6	<0.50	108	----	----	----	----
MW-26	10/11/03	BT for Parsons	----	----	4.6	<0.50	5.7	0.54	<0.50	29	----	----	----	----
MW-26	04/22/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	140	18	<2	<2	<2
MW-26	11/04/04	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	110	23	<2	<2	<2
MW-26	05/07/05	BT for Parsons	----	----	<0.50	<0.50	3.1	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	05/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	12/06/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	<10	<2	<2	<2
MW-26	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	11/14/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.4	<10	<2	<2	<2
MW-26	04/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.99	<10	<2	<2	<2
MW-26	10/16/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	5	<10	<2	<2	<2
MW-26	04/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	10/23/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2	<10	<2	<2	<2
MW-26	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.66	<10	<2	<2	<2
MW-26	10/04/10	BT for Parsons	----	----	1.6	----	----	----	<0.50	0.68	<10	----	----	----
MW-26	04/13/11	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-26	10/13/11	Parsons	----	----	1.4	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-26	04/17/12	Parsons	----	----	1.1	<0.50	0.32 J	0.57 J	<0.50	3.7	9.7 J	<2	<2	<2
MW-26	10/16/12	Parsons	----	----	3.9	0.5	2.2	0.69	<0.50	1.4	5.6 J	<2	<2	<2
MW-26	04/09/13	Parsons	----	990 b	2.0	0.36 J	1.5	0.36 J	<0.50	0.74	<10	<2	<2	<2
MW-26	10/08/13	Parsons	610	730 HD	9.9	0.33 J	0.95	0.74	<0.50	0.97	5.9 J	<2	<2	<2
MW-26	04/16/14	Parsons	1,200 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	SGI	1,400	670	<0.50	<0.50	0.54	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-26	04/29/15	SGI	430	500	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-26	10/23/15	SGI	280	230	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-26	04/13/16	SGI	200	200	0.80	<0.50	1.6	4.9	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-4 (MW 26)	04/13/16	SGI	240	190	0.71	<0.50	1.4	4.8	<0.50	1.2	<10	<2.0	<2.0	<2.0
MW-26	10/05/16	SGI	170	270	2.2	<0.50	<0.50	<1.5	<0.50	1.0	<10	<2.0	<2.0	<2.0
MW-26	04/19/17	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-26	10/04/17	SGI	210	370	1.0	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-4 (MW-26)	10/04/17	SGI	230	330	0.91	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-26	04/19/18	SGI	130	340	2.3	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-26	11/08/18	SGI	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-26	04/17/19	SGI	<100	330	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-26	11/05/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-26	05/04/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26 (DUP)	05/04/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	10/19/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/04/21	SGL/Apex	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/03/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/09/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/02/22	SGL/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	05/05/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	11/08/23	SGL/Apex	<100	540	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/22/96	GSI	<50	<500	180	12	25	50	<0.50	----	----	----	----	----
MW-27	07/10/97	GTI	420	400	1,400	28	53	253	<5	79	----	----	----	----
MW-27	01/06/98	GTI	1,500	<100	940	<5	70	20	20	90	----	----	----	----
MW-27	05/21/98	BBC	<300	----	<0.30	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
MW-27	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-27	05/26/99	GTI	<300	----	<0.50	<0.50	0.71	1.3	<0.50	1.1	----	----	----	----
MW-27	11/18/99	IT Corporation	7,200	----	1,700	8.6	100	1,110	<0.50	170	----	----	----	----
MW-27	05/16/00	IT Corporation	<300	----	1.7	<0.50	<0.50	<0.50	<0.50	5.0	----	----	----	----
MW-27	11/29/00	IT Corporation	<300	----	0.90	0.70	0.70	1.0	0.60	17	----	----	----	----
MW-27	05/10/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-27	11/07/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
MW-27	04/11/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.90	----	----	----	----
MW-27	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	9.7	----	----	----	----
MW-27	04/11/03	GTI	----	----	<0.50	<0.50	2.8	<0.50	<0.50	17	----	----	----	----
MW-27	10/11/03	BT for Parsons	----	----	6.2	<0.50	0.79	<0.50	<0.50	8.9	----	----	----	----
MW-27	04/22/04	BT for Parsons	----	----	130	<0.50	16	<0.50	<0.50	65	20	<2	<2	<2
MW-27	11/06/04	BT for Parsons	----	----	1.6	<0.50	17	<0.50	<0.50	65	21	<2	<2	<2
MW-27	05/07/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	11/08/05	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<2	<2	<2
MW-27	05/05/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<2	<2	<2
MW-27	12/06/06	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
MW-27	05/03/07	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<2	<2	<2
MW-27	11/14/07	BT for Parsons	----	----	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/18/08	BT for Parsons	----	----	2.9	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/17/08	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/22/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/26/09	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<2	<2	<2
MW-27	04/13/10	BT for Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	7.5 J	<2	<2	<2
MW-27	10/04/10	BT for Parsons	----	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
MW-27	04/12/11	BT for Parsons	----	----	<0.50	<0.50	0.35 J	3.2	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/13/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	04/17/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
MW-27	10/16/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	5.0	12	<2	<2	<2
MW-27	04/09/13	Parsons	----	310 b	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	23	<2	<2	<2
MW-27	10/08/13	Parsons	<100	130 HD	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	5.7 J	<2	<2	<2
MW-27	10/29/14	SGL	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-27	04/22/15	SGL	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	3.4	<10	<2.0	<2.0	<2.0
MW-27	10/23/15	SGL	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	3.7	<10	<2.0	<2.0	<2.0
MW-27	04/13/16	SGL	<100	160	1.2	<0.50	1.7	5.5	<0.50	3.3	<10	<2.0	<2.0	<2.0
MW-27	10/05/16	SGL	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	3.1	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
DUP-3 (MW-27)	10/05/16	SGI	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	3.2	<10	<2.0	<2.0	<2.0
MW-27	04/19/17	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-27	10/04/17	SGI	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	3.1	<10	<2.0	<2.0	<2.0
MW-27	04/19/18	SGI	<100	350	<0.50	<0.50	<0.50	<1.5	<0.50	3.1	14	<2.0	<2.0	<2.0
MW-27	11/08/18	SGI	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	2.5	<10	<2.0	<2.0	<2.0
MW-27	04/17/19	SGI	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-27	11/05/19	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	1.4	<10	<2.0	<2.0	<2.0
MW-27	05/07/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.3	<10	<2.0	<2.0	<2.0
MW-27	10/22/20	SGI	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	26	<2.0	<2.0	<2.0
MW-27	05/07/21	SGI/Apex	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/08/21	SGI/Apex	<100	400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	05/16/22	SGI/Apex	<100	380	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/07/22	SGI/Apex	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	12	<2.0	<2.0	<2.0
MW-27	05/05/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	11/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-3 (MW-27)	11/08/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-28	11/27/96	GSI	1,500	<500	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----	----
MW-28	07/10/97	GTI	220	2,200	<5	<5	<5	<5	<5	<5	----	----	----	----
MW-28	01/07/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
MW-28	05/21/98	BBC	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-28	11/05/98	GTI	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-28	05/26/99	GTI	<300	----	0.33	<0.30	<0.30	0.70	----	----	----	----	----	----
MW-28	11/18/99	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-28	05/17/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	----	----	----	----	----
MW-28	12/01/00	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-28	05/10/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-28	11/08/01	IT Corporation	300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-28	04/12/02	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-28	04/22/15	SGI	<100	420	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-28	04/20/17	SGI	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-29	05/21/98	BBC	84,700	----	313	46	314	366	----	----	----	----	----	----
MW-29	11/05/98	GTI	28,600	----	87	<0.30	2.2	31	----	----	----	----	----	----
MW-29	05/27/99	GTI	1,810	----	150	<0.60	160	23	----	----	----	----	----	----
MW-29	11/18/99	IT Corporation	5,100	----	220	<0.30	190	21	----	----	----	----	----	----
MW-29	05/17/00	IT Corporation	1,100	----	23	<0.30	35	7.6	----	----	----	----	----	----
MW-29	11/30/00	IT Corporation	2,400	----	120	<0.30	160	4.4	----	<5	----	----	----	----
MW-29	05/09/01	IT Corporation	<300	----	<0.30	<0.30	<0.30	<0.60	----	<5	----	----	----	----
MW-29	11/07/01	IT Corporation	1,500	----	14	<0.30	3.7	2.1	----	8.3	----	----	----	----
MW-29	02/01/02	Secor	----	----	100	7.3	160	990	<0.50	<0.50	----	----	----	----
MW-29	04/11/02	IT Corporation	860	----	4.1	<0.30	4.3	12	----	<5	----	----	----	----
MW-29	04/12/13	Parsons	----	2,200	<0.50	<0.50	0.64	1.19 J	<0.50	<0.50	<10	<2	<2	<2
MW-29	10/08/13	Parsons	570	2,900 HD	0.21 J	<0.50	0.75	1.4	<0.50	<0.50	8.7 J	<2	<2	<2
MW-29	04/17/14	Parsons	710 HD	3,300 HD	11	<0.50	0.75	1.5	<0.50	<0.50	9.4 J	<2	<2	<2
MW-29	10/31/14	SGI	700	3,200	6.4	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-29	04/29/15	SGI	370	2,900	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	11	<2.0	<2.0	<2.0
MW-29	10/26/15	SGI	120	490	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
MW-29	04/14/16	SGI	<100	350	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-6 (MW-29)	04/14/16	SGI	<100	360	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-29	10/07/16	SGL	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUP-6 (MW-29)	10/07/16	SGL	<100	230	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-29	04/20/17	SGL	<100	380	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<50
DUPE-3 (MW-27)	11/08/18	SGL	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	2.9	<10	<2.0	<2.0	<2.0
MW-29	10/04/17	SGL	<100	630	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<20
MW-29	04/18/18	SGL	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<50
MW-29	11/06/18	SGL	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-29	04/19/19	SGL	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
MW-29	10/31/19	SGL	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/07/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	10/20/20	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/04/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	11/02/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/10/22	SGL/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	11/03/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	05/01/23	SGL/Apex	<100	180	0.94	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-29	11/13/23	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-O-1	10/08/10	Blaine Tech	32,000	-----	3,700	1,700	1,100	1,800	<50	60	<500	<50	<50	<20
MW-O-1	04/13/11	Blaine Tech	14,000	-----	1,900	370	400	2,400	<20	13	<200	<20	<20	<2.0
MW-O-1	10/14/11	CH2M Hill	15,000	-----	580	240	580	1,800	<20	<10	<200	<20	<20	26
MW-O-1	10/19/12	CHHL	4,500	8,800	570	160	94	540	<4	17	59	<4	<4	<4
MW-O-1	10/27/15	BT for CH2MHill	26,000	20,000	5,900	3,100	110	810	<100	280	<1,000	<100	<100	<100
MW-O-2	10/05/10	Blaine Tech	570	-----	87	5.6	7.2	33	<1	81	33	3.3	<1	<1
MW-O-2	04/27/12	CH2M Hill	21,000	13,000	7,900	120	200	570	<100	160	<1,000	<100	<100	<100
MW-O-2	06/06/13	CHHL	10,000	7,000	5,400	<40	91	200	<80	190	<800	<80	<80	<80
MW-O-2	10/11/13	CHHL	43,000	4,800	17,000	710	530	1,500	<130	710	<1,300	<130	<130	<130
MW-O-2	04/17/14	CHHL	37,000	1,200	16,000	1,600	220	1,500	<100	900	2,100	<100	<100	<100
MW-O-2	10/06/17	BT for CH2MHill	23,000	11,000	9,400	<50	99	820	<100	210	1,500	130	<100	<100
MW-O-2	11/09/18	BT for Jacobs	<5,000	2,600	2,100	<25	<25	<25	<50	73	910	81	<50	<50
MW-O-2	04/18/19	BT for Jacobs	2,000	11,000	980	<5.0	<5.0	<5.0	<10	55	490	<10	<10	<10
MW-O-2	05/07/20	BT for Jacobs	9,200	8,300	5,500	<15	60	<15	<30	49	970	<30	<30	<30
MW-O-2	11/09/20	BT for Jacobs	10,000	13,000	6,200	<20	31	<20	<40	95	1,100	<40	<40	<40
MW-O-2	05/05/21	BT for Jacobs	12,000	4,500	4,100	<20	44	<20	<40	32	<400	<40	<40	<40
MW-O-2	11/04/21	BT for Jacobs	5,600	1,500	2,500	16	47	10	<20	58	1,500	<20	<20	<20
MW-O-2	05/12/22	BT for Jacobs	1100	4,600	410	5.0	8.5	2.8	<5.0	37	1,200	44	<5.0	<5.0
MW-O-2	11/04/22	BT for Jacobs	610	3,700	130	7.7	3.0	5.2	<5.0	14	1,100	8.0	<5.0	<5.0
MW-O-2	05/04/23	BT for Jacobs	<200	2,700	2.7	<1.0	<1.0	<1.0	<2.0	<1.0	21	<2.0	<2.0	<2.0
MW-O-2	11/09/23	BT for Jacobs	<1,000	3,900	32	<5.0	<5.0	<5.0	<10	5.4	<100	<10	<10	<10
MW-SF-1	03/11/03	Geomatrix	1,700	-----	1,400	16	76	54	<1	620	-----	-----	-----	-----
MW-SF-1	08/01/03	Secor	13,000	-----	4,200	240	420	1,020	<30	910	-----	-----	-----	-----
MW-SF-1	10/07/03	Secor	15,000	-----	4,800	170	390	1,060	<40	800	-----	-----	-----	-----
MW-SF-1	04/22/04	Secor	27,000	-----	11,000	510	480	970	<100	3,800	-----	-----	-----	-----
MW-SF-1	11/03/04	Secor	34,000	-----	13,000	400	690	1,170	<100	2,600	-----	-----	-----	-----
MW-SF-1	05/06/05	Secor	12,000	-----	3,900	220	240	340	<30	670	-----	-----	-----	-----
MW-SF-1	11/02/05	Secor	15,000	-----	5,600	340	330	1,050	<50	570	-----	-----	-----	-----
MW-SF-1	05/09/06	Secor	20,000	-----	8,200	730	570	1,050	<100	1,300	-----	-----	-----	-----
MW-SF-1	12/08/06	Secor	19,000	-----	7,000	640	590	960	<100	650	-----	-----	-----	-----

**APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-SF-1	03/13/07	Secor	10,000	-----	3,400	320	390	790	<50	160	-----	-----	-----	-----
MW-SF-1	05/04/07	Secor	11,000	-----	3,400	110	430	229	<50	340	-----	-----	-----	-----
MW-SF-1	08/30/07	Secor	16,000	-----	6,000	210	550	290	<100	430	-----	-----	-----	-----
MW-SF-1	11/14/07	Secor	16,000	-----	6,100	180	540	213	<50	400	-----	-----	-----	-----
MW-SF-1	02/21/08	Secor	23,000	-----	11,000	280	530	500	<100	1,100	-----	-----	-----	-----
MW-SF-1	04/16/08	Secor	21,000	-----	11,000	350	440	550	<200	740	-----	-----	-----	-----
MW-SF-1	08/14/08	Secor	18,000	-----	8,200	240	390	253	<100	490	-----	-----	-----	-----
MW-SF-1	10/16/08	Stantec	21,000	-----	10,000	280	490	477	<100	770	-----	-----	-----	-----
MW-SF-1	02/24/09	Blaine Tech	11,000	-----	6,300	85	160	65	<50	420	<500	-----	-----	-----
MW-SF-1	04/20/09	Blaine Tech for AMEC	16,000	-----	7,500	210	340	261	<100	340	<1,000	<100	<100	<100
MW-SF-1	07/22/09	Blaine Tech	12,000	-----	6,300	110	180	89	<50	510	540	<50	<50	<50
MW-SF-1	10/23/09	Blaine Tech	21,000	-----	11,000	110	350	63	<100	620	<1,000	<100	<100	<100
MW-SF-1	03/16/10	Blaine Tech	13,000	-----	5,900	56	120	55	<50	650	<500	<50	<50	<50
MW-SF-1	05/27/10	Blaine Tech	8,800	-----	3,900	46	150	51	<40	140	<400	<40	<40	<40
MW-SF-1	07/13/10	Blaine Tech	8,600	-----	4,000	41	64	<25	<50	350	<500	<50	<50	<50
MW-SF-1	10/07/10	Blaine Tech	10,000	-----	5,200	58	67	<50	<100	440	<1,000	<100	<100	<100
MW-SF-1	01/12/11	Blaine Tech	15,000	-----	8,500	<50	<50	<50	<100	650	<1,000	<100	<100	<100
MW-SF-1	04/13/11	Blaine Tech	16,000	-----	7,800	62	97	93	<100	450	<1,000	<100	<100	<100
MW-SF-1	07/12/11	CH2M Hill	8,400	-----	4,700	34	76	<38	<50	240	<500	<50	<50	<50
MW-SF-1	10/12/11	CH2M Hill	9,500	-----	4,500	32	71	37	<50	180	<500	<50	<50	<50
MW-SF-1	01/10/12	CH2M Hill	15,000	-----	7,300	94	140	140	<100	240	<1,000	<100	<100	<100
MW-SF-1	04/19/12	CH2M Hill	8,800	17,000	4,600	33	90	83	<50	110	<500	<50	<50	<50
MW-SF-1	10/18/12	CHHL	3,700	6,400	1,500	<10	15	<10	<20	45	<200	<20	<20	<20
MW-SF-1	01/15/13	CHHL	8,500	4,100	4,500	93	56	39	<50	110	<500	<50	<50	<50
MW-SF-1	10/07/16	BT for CH2MHill	55	1,200	<0.50	<0.50	<0.50	<0.50	<0.50	0.57	<10	<1.0	<1.0	<1.0
MW-SF-1	04/20/17	BT for CH2MHill	<100	1,800	2.1	<0.50	<0.50	<0.50	<1	0.92	17	<1.0	<1.0	<1.0
MW-SF-1	10/06/17	BT for CH2MHill	<100	570	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-1	04/19/18	BT for Jacobs	61	310	<0.50	<0.50	<0.50	2.4	<0.50	<0.50	<10	<1	<1	<1
DUP (MW-SF-1)	04/19/18	BT for Jacobs	<100	250	<0.50	<0.50	<0.50	1.2	<0.50	<0.50	<10	<1	<1	<1
MW-SF-1	11/09/18	BT for Jacobs	<50	270	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-1	04/19/19	BT for Jacobs	<100	450	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
MW-SF-1	10/31/19	BT for Jacobs	<200	580	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-1	05/12/20	BT for Jacobs	<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	BT for Jacobs	<100	580	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-1	05/06/21	BT for Jacobs	<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	BT for Jacobs	<100	1,100	<0.50	<0.50	<0.50	<0.50	<1.0	0.75	<10	11	<1.0	<1.0
MW-SF-1	05/13/22	BT for Jacobs	<100	1,000	<0.50	<0.50	<0.50	<0.50	<1.0	1.7	<10	26	<1.0	<1.0
MW-SF-1	11/04/22	BT for Jacobs	<500	1,300	<2.5	<2.5	<2.5	<2.5	<5.0	3.0	<50	11	<5.0	<5.0
MW-SF-1	11/10/23	BT for Jacobs	<1,000	1,500	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<100	<10	<10	<10
MW-SF-2	10/05/10	Blaine Tech	110,000	-----	21,000	18,000	1,200	7,100	<200	1,700	<2,000	<200	<200	<200
MW-SF-2	04/14/11	Blaine Tech	48,000	-----	15,000	1,800	600	5,400	<200	930	<2,000	<200	<200	<200
MW-SF-2	10/13/11	CH2M Hill	72,000	-----	18,000	9,600	660	5,100	<200	940	<2,000	<200	<200	<200
MW-SF-3	10/04/10	Blaine Tech	<500	-----	32	10	<2.5	8.4	<5	50	3,000	<5	<5	<5
MW-SF-3	04/29/11	Blaine Tech	15,000	-----	5,200	590	140	520	<50	2,300	1,200	<50	<50	<50
MW-SF-3	10/14/11	CH2M Hill	9,500	-----	4,300	<25	28	38	<50	98	<500	<50	<50	<50
MW-SF-3	11/03/15	BT for CH2MHill	280,000	240,000	11,000	18,000	1,200	28,000	<200	7,600	<2,000	<200	<200	<200
MW-SF-4	03/11/03	Geomatrix	3,600	-----	1,100	<13	180	120	<13	750	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-SF-4	10/08/03	Secor	40,000	-----	4,600	1,900	990	5,200	<40	530	-----	-----	-----	-----
MW-SF-4	02/21/08	Secor	25,000	-----	4,100	89	1,200	2,730	<40	330	-----	-----	-----	-----
MW-SF-4	04/16/08	Secor	21,000	-----	4,600	94	970	2,920	<100	380	-----	-----	-----	-----
MW-SF-4	08/14/08	Secor	20,000	-----	4,200	43	1,100	770	<50	260	-----	-----	-----	-----
MW-SF-4	10/16/08	Stantec	17,000	-----	3,700	42	1,100	1,196	<40	170	-----	-----	-----	-----
MW-SF-4	02/23/09	Blaine Tech	20,000	-----	6,400	92	1,000	1,420	<50	950	<500	-----	-----	-----
MW-SF-4	05/28/10	Blaine Tech	17,000	-----	7,200	39	370	250	<50	440	<500	120	<50	<50
MW-SF-4	07/14/10	Blaine Tech	13,000	-----	4,400	37	450	360	<50	320	<500	64	<50	<50
MW-SF-4	10/07/10	Blaine Tech	30,000	-----	8,900	<50	940	770	<100	620	<1,000	<100	<100	<100
MW-SF-4	01/12/11	Blaine Tech	20,000	-----	8,500	<50	350	280	<100	350	<1,000	100	<100	<100
MW-SF-4	04/13/11	Blaine Tech	11,000	-----	2,600	<15	320	297	<30	180	<300	<30	<30	<30
MW-SF-4	07/12/11	CH2M Hill	15,000	-----	4,500	36	530	540	<50	220	<500	<50	<50	<50
MW-SF-4	01/10/12	CH2M Hill	22,000	-----	4,900	<25	590	770	<50	160	<500	<50	<50	<50
MW-SF-4	04/20/12	CH2M Hill	19,000	7,200	4,500	36	480	430	<50	460	<500	<50	<50	<50
MW-SF-4	10/19/12	CHHL	8,900	9,900	2,200	40	280	420	<20	160	410	<20	<20	<20
MW-SF-4	01/15/13	CHHL	13,000	3,700	5,000	46	660	300	<80	380	<800	<80	<80	<80
MW-SF-4	10/07/16	BT for CH2MHill	<500	4,700	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
MW-SF-4	04/20/17	BT for CH2MHill	<100	1,400 J	3.4	<0.50	0.53	1.2	<1	1.2	<10	5.6	<1.0	<1.0
MW-SF-4	10/06/17	BT for CH2MHill	<200	3,300	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-4	04/20/18	BT for Jacobs	<50	1,300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	04/19/19	BT for Jacobs	<50	1,800	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-4	10/31/19	BT for Jacobs	<50	640	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-4	05/12/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	11	<1.0	<1.0
MW-SF-4	05/13/22	BT for Jacobs	<100	310	<0.50	<0.50	<0.50	<0.50	<1.0	3.1	<10	21	<1.0	<1.0
MW-SF-4	11/04/22	BT for Jacobs	<100	300	<0.50	<0.50	<0.50	<0.50	<1.0	3.9	<10	16	<1.0	<1.0
MW-SF-5	10/08/10	Blaine Tech	540	-----	110	1.1	<1	<1	<2	400	180	18	<2	<2
MW-SF-5	04/13/11	Blaine Tech	570	-----	41	<2	<2	<2	<4	380	270	24	<4	<4
MW-SF-5	10/13/11	CH2M Hill	<500	-----	6.9	<2.5	<2.5	<2.5	<5	240	100	11	<5	<5
MW-SF-5	10/31/14	BT for CH2MHill	<200	1,800	3.4	7.0	1.0	14	<2.0	17	70	<2.0	<2.0	<2.0
MW-SF-5	04/24/15	BT for CH2MHill	<500	1,200	190	<2.5	<2.5	<2.5	<5.0	16	<50	<5.0	<5.0	<5.0
MW-SF-5	10/27/15	BT for CH2MHill	270	370	13	0.52	<0.50	0.89	<0.50	10	35	2.0	<2.0	<2.0
MW-SF-6	10/08/10	Blaine Tech	59,000	-----	15,000	7,200	940	4,300	<200	740	<2,000	<200	<200	<200
MW-SF-6	04/14/11	Blaine Tech	32,000	-----	12,000	330	540	3,800	<100	810	<1,000	<100	<100	<100
MW-SF-6	10/13/11	CH2M Hill	40,000	-----	14,000	420	780	3,600	<200	570	<2,000	<200	<200	<200
MW-SF-6	10/07/16	BT for CH2MHill	8,400	10,000	430	<5.0	35	640	<10	53	390	<10	<10	<10
MW-SF-6	04/20/17	BT for CH2MHill	2,000	3,900	42	<1.0	5.8	37	<2.0	21	130	22	<2.0	<2.0
MW-SF-6	10/06/17	BT for CH2MHill	1,300	71,000	98	<1.0	32	53	<2.0	3.1	32	4.2	<2.0	<2.0
MW-SF-6	04/20/18	BT for Jacobs	<200	5,200	5.5	<1.0	1.8	1.5	<2.0	3.6	110	5.6	<2.0	<2.0
MW-SF-6	11/09/18	BT for Jacobs	<200	8,200	12	<1.0	3.1	4.1	<2.0	4.2	37	5.2	<2.0	<2.0
MW-SF-6	04/19/19	BT for Jacobs	200	6,300	12	<1.0	6.2	6.4	<2.0	2.8	66	13	<2.0	<2.0
MW-SF-6	10/31/19	BT for Jacobs	<200	13,000	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	BT for Jacobs	<200	3,100	2.8	<1.0	<1.0	<1.0	<2.0	3.2	180	20	<2.0	<2.0
MW-SF-6	11/09/20	BT for Jacobs	<200	110,000	5.3	<1.0	<1.0	<1.0	<2.0	2.7	130	28	<2.0	<2.0
MW-SF-6	05/06/21	BT for Jacobs	<200	61,000	5.7	<1.0	1.5	1.8	<2.0	<1.0	<20	16	<2.0	<2.0
MW-SF-6	11/04/21	BT for Jacobs	120	9,000	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	66	15	<1.0	<1.0
MW-SF-6	05/13/22	BT for Jacobs	<200	15,000	1.9	<1.0	<1.0	<1.0	<2.0	5.1	26	26	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-SF-6	11/04/22	BT for Jacobs	110	9,500	0.68	<0.50	<0.50	<0.50	<0.50	2.7	12	14	<1.0	<1.0
MW-SF-6	05/04/23	BT for Jacobs	<200	19,000	<1.0	<1.0	<1.0	<1.0	<2.0	3.3	<20	9.7	<2.0	<2.0
MW-SF-6	11/10/23	BT for Jacobs	<500	2,400	<2.5	<2.5	<2.5	<2.5	<5.0	<2.5	<50	<5.0	<5.0	<5.0
MW-SF-9	03/11/03	Geomatrix	24,000	-----	3,200	940	340	1,040	<25	1,600	-----	-----	-----	-----
MW-SF-9	08/01/03	Secor	6,600	-----	980	72	140	430	17	2,500	-----	-----	-----	-----
MW-SF-9	10/07/03	Secor	5,800	-----	340	8.8	82	92	<5	3,200	-----	-----	-----	-----
MW-SF-9	05/04/05	Secor	5,700	-----	730	73	130	190	<10	54	-----	-----	-----	-----
MW-SF-9	11/03/05	Secor	<500	-----	9.4	<2.5	<2.5	<2.5	<5	<2.5	-----	-----	-----	-----
MW-SF-9	12/08/06	Secor	<500	-----	35	<2.5	<2.5	3.6	<5	8.7	-----	-----	-----	-----
MW-SF-9	11/14/07	Secor	110	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
MW-SF-9	04/16/08	Secor	920	-----	200	1.4	6.3	3.9	<1	16	-----	-----	-----	-----
MW-SF-9	10/21/08	Stantec	350	-----	10	<0.50	2.3	<0.50	<1	<0.50	-----	-----	-----	-----
MW-SF-9	04/23/09	Blaine Tech for AMEC	430	-----	44	<0.50	1.2	<0.50	<0.50	<0.50	<10	<1	<1	<1
MW-SF-9	10/22/09	Blaine Tech	2,400	-----	1,300	<10	11	<10	<20	13	<200	<20	<20	<20
MW-SF-9	05/27/10	Blaine Tech	350	-----	100	1.3	<1	<1	<2	<1	<20	<2	<2	<2
MW-SF-9	10/07/10	Blaine Tech	1,100	-----	450	7.8	17	<2.5	<5	<2.5	<50	<5	<5	<5
MW-SF-9	04/13/11	Blaine Tech	310	-----	36	<0.50	<0.50	1.2	<1	<0.50	<10	<1	<1	<1
MW-SF-9	04/19/12	CH2M Hill	480	3,300	160	<1	<1	<1	<2	<1	<20	2.2	<2	<2
MW-SF-9	06/06/13	CHHL	2,300	4,500	680	25	52	190	<10	20	<100	40	<10	<10
MW-SF-9	10/11/13	CHHL	4,100	7,300	910	220	55	310	<20	17	<200	<20	<20	<20
MW SF 9	04/14/16	BT for CH2MHill	2,300	5,100	96	1.8	64	170	<3	1.7	130	3.4	<3	<3
MW-SF-10	10/05/10	Blaine Tech	30,000	-----	1,500	1,200	600	2,700	<30	31	<300	<30	<30	<30
MW-SF-10	04/14/11	Blaine Tech	31,000	-----	520	68	410	6,500	<20	21	<200	<20	<20	<20
MW-SF-10	10/13/11	CH2M Hill	18,000	-----	320	320	260	2,900	<20	<10	<200	<20	<20	<20
MW-SF-11	10/05/10	Blaine Tech	7,800	-----	4,000	210	<15	110	<30	140	940	<30	<30	<30
MW-SF-11	04/29/11	Blaine Tech	16,000	-----	10,000	60	95	140	<100	130	<1,000	<100	<100	<100
MW-SF-11	10/13/11	CH2M Hill	30,000	-----	14,000	250	340	600	<200	<100	<2,000	<200	<200	<200
MW-SF-11	04/19/12	CH2M Hill	15,000	160	8,100	130	110	480	<100	100	<1,000	<100	<100	<100
MW-SF-11	10/18/12	CHHL	77,000	320	18,000	420	2,600	6,500	<200	<100	<2,000	<200	<200	<200
MW-SF-12	10/05/10	Blaine Tech	17,000	-----	5,300	1,800	110	680	<50	2,200	880	<50	<50	<50
MW-SF-12	04/29/11	Blaine Tech	27,000	-----	5,900	4,400	340	3,400	<50	2,200	<500	<50	<50	<50
MW-SF-12	10/13/11	CH2M Hill	110,000	-----	24,000	18,000	1,000	6,400	<200	7,200	<2,000	<200	<200	<200
MW-SF-12	11/10/23	BT for Jacobs	<50	58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	1.3	<1.0	<1.0
MW-SF-13	10/05/10	Blaine Tech	9,000	-----	2,100	1,000	83	520	<20	680	280	61	<20	<20
MW-SF-13	04/29/11	Blaine Tech	3,400	-----	1,000	64	20	189	<10	39	270	23	<10	<10
MW-SF-13	10/14/11	CH2M Hill	42,000	-----	12,000	5,200	300	2,200	<200	580	<2,000	<200	<200	<200
MW-SF-13	10/07/16	BT for CH2MHill	5,300	4,400	<5.0	<5.0	200	340	<10	<5.0	<100	<10	<10	<10
MW-SF-13	04/20/17	BT for CH2MHill	2,000	1,500	3.9	1.6	26	60	<2.0	1.9	36	4.8	<2.0	<2.0
MW-SF-13	10/06/17	BT for CH2MHill	<100	2,700	2.0	0.67	<0.50	<0.50	<1.0	0.98	18	2.6	<1.0	<1.0
MW-SF-13	04/20/18	BT for Jacobs	<100	1,400	1.3	<0.50	<0.50	<0.50	<1.0	0.55	<10	<1.0	<1.0	<1.0
MW-SF-13	11/09/18	BT for Jacobs	<200	530	1.2	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-13	04/19/19	BT for Jacobs	<200	980	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-13	11/01/19	BT for Jacobs	<200	1,000	<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	BT for Jacobs	<100	1,100	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	BT for Jacobs	<50	1,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
MW-SF-13	05/06/21	BT for Jacobs	<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	BT for Jacobs	78	1,400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-13	05/13/22	BT for Jacobs	<200	2,300	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<20	<2.0	<2.0	<2.0
MW-SF-13	11/04/22	BT for Jacobs	110	450	<0.50	<0.50	<0.50	<0.50	<1.0	1.9	<10	14	<1.0	<1.0
MW-SF-13	05/04/23	BT for Jacobs	<200	510	<1.0	<1.0	<1.0	<1.0	<2.0	3.9	<20	32	<2.0	<2.0
MW-SF-13	11/10/23	BT for Jacobs	<200	240	<1.0	<1.0	<1.0	<1.0	<2.0	1.5	<20	6.8	<2.0	<2.0
MW-SF-14	10/08/10	Blaine Tech	30,000	-----	10,000	300	900	1,400	<200	1,900	2,300	<200	<200	<200
MW-SF-14	04/29/11	Blaine Tech	18,000	-----	12,000	84	130	150	<100	330	1,800	<100	<100	<100
MW-SF-14	10/13/11	CH2M Hill	<20,000	-----	9,100	120	<100	660	<200	760	<2,000	<200	<200	<200
MW-SF-14	04/19/12	CH2M Hill	15,000	450	8,200	47	43	120	<50	220	630	<50	<50	<50
MW-SF-14	10/18/12	CHHL	9,800	200	5,100	24	<20	64	<40	58	<400	<40	<40	<40
MW-SF-14	04/24/15	BT for CH2MHill	510	3,300	100	13	<2.5	18	<5.0	21	<50	<5.0	<5.0	<5.0
MW-SF-14	10/27/15	BT for CH2MHill	270,000	440,000	8,700	18,000	2,800	19,000	<200	2,600	<2,000	<200	<200	<200
MW SF 14	04/15/16	BT for CH2MHill	370	17,000	4.7	<0.50	<0.50	39	<0.50	63	500	<1.0	<1.0	<1.0
MW-SF-15	10/05/10	Blaine Tech	8,600	-----	1,900	700	63	500	<20	1,000	9,200	37	<20	<20
MW-SF-15	04/29/11	Blaine Tech	10,000	-----	5,500	230	100	361	<40	1,200	3,400	62	<40	<40
MW-SF-15	10/14/11	CH2M Hill	35,000	-----	11,000	860	210	1,700	<200	780	2,300	<200	<200	<200
MW-SF-15	10/07/16	BT for CH2MHill	<500	16,000	7.1	<2.5	<2.5	<2.5	<5.0	26	720	12	<5.0	<5.0
MW-SF-15	04/20/17	BT for CH2MHill	190	550	2.5	<0.50	0.69	<0.50	<1	17	300	48	<1.0	<1.0
MW-SF-15	10/06/17	BT for CH2MHill	110	1,300	1.5	<0.50	<0.50	<0.50	<1.0	1.3	180	52	<1.0	<1.0
MW-SF-15	04/20/18	BT for Jacobs	120	410	2.1	<0.50	<0.50	<0.50	<1	4.6	1,400	53	<1.0	<1.0
MW-SF-15	11/08/18	BT for Jacobs	130	140	1.6	<0.50	<0.50	<0.50	0.85	1.9	220	55	<1.0	<1.0
MW-SF-15	04/23/19	BT for Jacobs	130	870	3.0	0.91	0.53	4.9	<1	1.8	71	54	<1.0	<1.0
MW-SF-15	10/31/19	BT for Jacobs	130	600	0.55	<1.0	<1.0	<1.0	<2.0	3.5	83	69	<2.0	<2.0
MW-SF-15	05/11/20	BT for Jacobs	<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	BT for Jacobs	<100	580	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	28	26	<1.0	<1.0
MW-SF-15	05/06/21	BT for Jacobs	<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	BT for Jacobs	<100	440	<0.50	<0.50	<0.50	<0.50	<1.0	1.3	79	16	<1.0	<1.0
MW-SF-15	05/13/22	BT for Jacobs	<200	550	<1.0	<1.0	<1.0	<1.0	<2.0	4.7	1,200	95	<2.0	<2.0
MW-SF-15	11/04/22	BT for Jacobs	<200	370	<1.0	<1.0	<1.0	<1.0	<2.0	1.7	410	54	<2.0	<2.0
MW-SF-15	05/12/23	BT for Jacobs	<200	360	<1.0	<1.0	<1.0	<1.0	<2.0	1.8	45	29	<2.0	<2.0
MW-SF-15	11/10/23	BT for Jacobs	<200	110	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	22	12	<2.0	<2.0
MW-SF-16	10/04/10	Blaine Tech	4,100	-----	1,600	150	39	160	<20	170	1,800	39	<20	<20
MW-SF-16	04/29/11	Blaine Tech	5,900	-----	2,400	210	150	563	<20	210	370	30	<20	<20
MW-SF-16	10/14/11	CH2M Hill	7,900	-----	2,900	130	140	380	<50	200	<500	<50	<50	<50
MW-SF-16	10/31/14	BT for CH2MHill	100,000	110,000	7,400	7,800	1,000	17,000	<200	350	<2,000	<200	<200	<200
MW-SF-16	04/24/15	BT for CH2MHill	30,000	250,000	1,400	2,300	570	4,100	<40	170	<400	<40	<40	<40
MW-SF-16	10/27/15	BT for CH2MHill	3,000	490	750	39	35	160	<20	41	<200	37	<20	<20
PO-7	11/08/05	BT for Parsons	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PW-1	11/27/96	Terra Services	-----	-----	<1	2.2	<1	2.0	270	<10	-----	-----	-----	-----
PW-1	07/15/97	Terra Services	190	<500	<0.50	<0.50	<0.50	<1	180	<5	-----	-----	-----	-----
PW-1	01/05/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	68	<5	-----	-----	-----	-----
PW-1	05/22/98	Terra Services	<300	-----	<0.50	<0.50	<0.50	<1	38	<0.50	-----	-----	-----	-----
PW-1	11/13/98	Alton Geoscience	<300	-----	<0.50	<0.50	<0.50	<0.50	73	8.1	-----	-----	-----	-----
PW-1	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
PW-1	11/17/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	2.5	<0.50	----	----	----	----
PW-1	05/17/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	----	----	----	----
PW-1	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.70	<0.50	----	----	----	----
PW-1	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	----	----	----	----
PW-1	11/07/01	IT Corporation	<300	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	----	----	----	----
PW-1	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	10/23/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	2.1	<0.50	----	----	----	----
PW-1	05/09/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	12/07/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	05/05/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	11/21/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-1	04/20/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-1	11/07/19	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PW-2	11/25/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	76	3.3	----	----	----	----
PW-2	07/14/97	Terra Services	140	<500	<0.50	<0.50	<0.50	<1	160	<5	----	----	----	----
PW-2	01/06/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	82	<5	----	----	----	----
PW-2	05/22/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	37	0.90	----	----	----	----
PW-2	08/25/98	Geomatrix	<300	----	<0.50	<0.50	<0.50	<0.50	6.8	<0.50	----	----	----	----
PW-2	11/16/98	Alton Geoscience	<300	----	16	18	2.0	11	35	58	----	----	----	----
PW-2	02/03/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	79	2.4	----	----	----	----
PW-2	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	----	----	----	----
PW-2	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	32	<1	----	----	----	----
PW-2	11/19/99	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	45	0.70	----	----	----	----
PW-2	02/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	58	<0.50	----	----	----	----
PW-2	05/16/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	50	0.80	----	----	----	----
PW-2	08/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	56	0.60	----	----	----	----
PW-2	11/29/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	35	0.60	----	----	----	----
PW-2	02/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	28	0.80	----	----	----	----
PW-2	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	14	<0.50	----	----	----	----
PW-2	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	24	<0.50	----	----	----	----
PW-2	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	23	<0.50	----	----	----	----
PW-2	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	1.7	19	<0.50	----	----	----	----
PW-2	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	01/16/03	Geomatrix	<300	----	----	----	----	----	----	----	----	----	----	----
PW-2	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	07/07/03	Geomatrix	----	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
PW-2	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	----	----	----	----
PW-2	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	18	0.56	----	----	----	----
PW-2	07/08/04	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	11/03/04	Secor	83	----	<0.50	<0.50	<0.50	<0.50	52	1.5	----	----	----	----
PW-2	05/06/05	Secor	110	----	<0.50	<0.50	<0.50	<0.50	70	6.2	----	----	----	----
PW-2	11/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	05/04/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.57	<0.50	----	----	----	----
PW-2	11/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-2	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	11/25/96	Terra Services	----	----	<0.50	<0.50	<0.50	<1.5	110	<5	----	----	----	----
PW-3	07/14/97	Terra Services	140	<500	5.9	2.4	2.9	8.4	67	<5	----	----	----	----
PW-3	01/08/98	Terra Services	<100	<500	1.2	1.1	<0.50	<1.5	46	<5	----	----	----	----
PW-3	05/22/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	48	1.6	----	----	----	----
PW-3	08/25/98	Geomatrix	<300	----	<0.50	<0.50	<0.50	<0.50	35	<0.50	----	----	----	----
PW-3	11/16/98	Alton Geoscience	<300	----	<0.50	4.5	0.60	3.6	21	<0.50	----	----	----	----
PW-3	02/03/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	25	<0.50	----	----	----	----
PW-3	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	21	<0.50	----	----	----	----
PW-3	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	13	<1	----	----	----	----
PW-3	11/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	----	----	----	----
PW-3	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	----	----	----	----
PW-3	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	----	----	----	----
PW-3	11/06/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	4.8	<0.50	----	----	----	----
PW-3	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	3.0	<0.50	----	----	----	----
PW-3	10/24/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	01/16/03	Geomatrix	<300	----	----	----	----	----	----	----	----	----	----	----
PW-3	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.73	<0.50	----	----	----	----
PW-3	07/07/03	Geomatrix	----	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
PW-3	10/07/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	2.6	<0.50	----	----	----	----
PW-3	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	07/13/04	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	11/03/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.53	<0.50	----	----	----	----
PW-3	11/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	05/03/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	----	----	----	----
PW-3	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	11/15/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	04/17/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	10/17/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PW-3	04/20/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	<10	<1	<1	<1
PW-3	10/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<10	<1	<1	<1
PW-3	05/26/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<1	<1	<1
PW-3	10/06/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	1.0	<1	<1
PW-3	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
PW-3	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
PW-3	10/29/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	10/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	04/21/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<10	<1.0	<1.0	<1.0
PW-3	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	04/19/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	10/31/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/11/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/06/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	11/01/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PW-3	11/09/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-1	11/27/96	Terra Services	----	----	79	16	140	49	15	610	----	----	----	----
PZ-1	07/16/97	Terra Services	220	<500	<0.50	<0.50	13	<1	3.0	480	----	----	----	----
PZ-1	01/06/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	1.3	17	----	----	----	----
PZ-1	05/26/98	Terra Services	400	----	<5	<5	<5	<10	<5	370	----	----	----	----
PZ-1	11/16/98	Alton Geoscience	516	----	110	67	8.0	38	7.2	320	----	----	----	----
PZ-1	05/06/99	Alton Geoscience	2,000	<500	500	<2	13	120	<5	230	----	----	----	----
PZ-1	11/17/99	Secor	<300	----	<2.5	<2.5	<2.5	<2.5	<2.5	210	----	----	----	----
PZ-1	05/17/00	Secor	350	----	51	<2.5	2.7	<2.5	<2.5	250	----	----	----	----
PZ-1	11/29/00	Secor	390	----	79	<2.5	<2.5	<2.5	<2.5	260	----	----	----	----
PZ-1	05/08/01	Secor	<300	----	15	<0.50	<0.50	<0.50	<0.50	330	----	----	----	----
PZ-1	11/06/01	Secor	550	----	8.4	<0.50	<0.50	0.70	1.4	470	----	----	----	----
PZ-1	04/09/02	Secor	<300	----	<2.5	<2.5	<2.5	<2.5	<2.5	270	----	----	----	----
PZ-2	04/11/13	CHHL	210	940	9.9	<1	13	<1	<2	<1	<20	<2	<2	<2
PZ-2	10/11/13	CHHL	400	580	9.0	<0.50	1.3	2.0	<1	<0.50	23	<1	<1	<1
PZ-2	04/17/14	CHHL	330	280	2.0	<0.50	<0.50	2.6	<1	0.60	25	<1	<1	<1
PZ-2	04/23/15	BT for CH2MHill	250	810	<1.0	<1.0	2.5	13	<2.0	<1.0	29	<2.0	<2.0	<2.0
PZ-2	10/27/15	BT for CH2MHill	210	460	1.2	<0.50	1.2	3.8	<0.50	0.56	42	<1.0	<1.0	<1.0
PZ-2	10/27/15	BT for CH2MHill	210	680	1.5	<0.50	1.2	3.6	<0.50	0.61	43	<1.0	<1.0	<1.0
PZ-2	04/13/16	BT for CH2MHill	2,300	1,300	110	20	120	390	<2.0	1.3	<20	<2.0	<2.0	<2.0
DUP-2 (PZ-2)	04/13/16	BT for CH2MHill	2,300	890	120	21	130	390	<2.0	1.3	<20	<2.0	<2.0	<2.0
PZ-2	10/06/16	BT for CH2MHill	410	550	3.5	0.84	8.2	22	<0.50	1.7	23	<1.0	<1.0	<1.0
DUP-6 (PZ-2)	10/06/16	BT for CH2MHill	370	700	3.1	0.80	7.0	20	<0.50	1.6	21	<1.0	<1.0	<1.0
PZ-2	04/20/17	BT for CH2MHill	<50	94	<0.50	<0.50	<0.50	<0.50	<0.50	0.88	<10	<1.0	<1.0	<1.0
DUP-6 (PZ-2)	04/20/17	BT for CH2MHill	<50	81	<0.50	<0.50	<0.50	<0.50	<0.50	0.80	<10	<1.0	<1.0	<1.0
PZ-2	10/05/17	BT for CH2MHill	120	440	<0.50	<0.50	<0.50	2.6	<0.50	1.1	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
DUP-6 (PZ-2)	10/05/17	BT for CH2MHill	330	500	<0.50	<0.50	<0.50	4.1	<0.50	1.0	<10	<1.0	<1.0	<1.0
PZ-2	04/19/18	BT for Jacobs	110	680	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	<10	<1.0	<1.0	<1.0
DUP (PZ-2)	04/19/18	BT for Jacobs	85	560	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	14	<1.0	<1.0	<1.0
PZ-2	11/09/18	BT for Jacobs	<50	200	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
DUP-6 (PZ-2)	11/09/18	BT for Jacobs	<50	180	<0.50	<0.50	<0.50	<0.50	<0.50	0.79	<10	<1.0	<1.0	<1.0
PZ-2	04/19/19	BT for Jacobs	<50	150	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
DUPE (PZ-2)	04/19/19	BT for Jacobs	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
PZ-2	10/30/19	BT for Jacobs	<50	410	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-6 (PZ-2)	10/30/19	BT for Jacobs	<50	430	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	05/11/20	BT for Jacobs	<50	270	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
DUP-6 (PZ-2)	05/11/20	BT for Jacobs	<50	280	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<1.0	<1.0	<1.0
PZ-2	11/06/20	BT for Jacobs	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
DUP-4 (PZ-2)	11/06/20	BT for Jacobs	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1.0	<1.0	<1.0
PZ-2	05/05/21	BT for Jacobs	<50	620	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	<10	<1.0	<1.0	<1.0
DUP-4 (PZ-2)	05/05/21	BT for Jacobs	<50	680	<0.50	<0.50	<0.50	<0.50	<0.50	1.6	<10	<1.0	<1.0	<1.0
PZ-2	11/03/21	BT for Jacobs	53	1,300	<0.50	<0.50	<0.50	<0.50	<0.50	2.6	10	<1.0	<1.0	<1.0
DUP-4 (PZ-2)	11/03/21	BT for Jacobs	<50	1,400	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1.0	<1.0	<1.0
PZ-2	05/13/22	BT for Jacobs	<100	300	<0.50	<0.50	<0.50	<0.50	<1.0	1.6	<10	<1.0	<1.0	<1.0
DUP-6 (PZ-2)	05/13/22	BT for Jacobs	<100	270	<0.50	<0.50	<0.50	<0.50	<1.0	1.7	<10	<1.0	<1.0	<1.0
PZ-2	11/04/22	BT for Jacobs	<50	420	<0.50	<0.50	<0.50	<0.50	<0.50	0.90	<10	<1.0	<1.0	<1.0
DUP-5 (PZ-2)	11/04/22	BT for Jacobs	<50	450	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<10	<1.0	<1.0	<1.0
PZ-2	05/04/23	BT for Jacobs	<100	970 J	<0.50	<0.50	<0.50	<0.50	<1.0	0.78	<10	<1.0	<1.0	<1.0
DUP (PZ-2)	05/09/23	BT for Jacobs	<100	260 J	<0.50	<0.50	<0.50	<0.50	<1.0	<0.5	<10	<1.0	<1.0	<1.0
PZ-2	11/10/23	BT for Jacobs	<50	58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
DUP-7 (PZ-2)	11/10/23	BT for Jacobs	<50	55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-3	04/22/04	BT for Parsons	-----	-----	6,300	<1,500	4,100	24,000	-----	<25,000	-----	-----	-----	-----
PZ-3	04/22/09	BT for Parsons	-----	-----	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
PZ-3	04/15/10	BT for Parsons	-----	-----	2.2	<0.50	<0.50	<0.50	<0.50	0.74	<10	<2	<2	<2
PZ-3	10/08/10	BT for Parsons	-----	-----	0.60	-----	-----	-----	<0.50	0.69	<10	-----	-----	-----
PZ-3	04/14/11	BT for Parsons	-----	-----	1.3	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
PZ-3	10/14/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
PZ-3	04/19/12	Parsons	-----	-----	0.68	<0.50	<0.50	0.26 J	<0.50	0.52	6.6 J	<2	<2	<2
PZ-3	10/19/12	Parsons	-----	-----	280	<0.50	150	362	<0.50	<0.50	<10	<2	<2	<2
PZ-3	10/09/13	Parsons	2,100	10,000 HD	53	0.25 J	44	95	<0.50	1.6	<10	<2	<2	<2
PZ-3	04/18/14	Parsons	5,300 HD	6,900 HD	420	<0.50	7.4	1.9	<0.50	1.2	18	<2	<2	<2
PZ-3	11/03/14	SGI	1,300	2,700	52	<0.50	1.4	<1.5	<0.50	3.7	12	<2.0	<2.0	<2.0
PZ-3	04/22/15	SGI	3,000	3,600	59	<0.50	1.2	<1.0	<0.50	2.8	<10	<2.0	<2.0	<2.0
PZ-3	10/10/17	SGI	710	1,500	28	<1.0	<1.0	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
PZ-3	04/20/18	SGI	690	5,300 J	94	<1.0	1.9	1.0	<1.0	11	<20	<4.0	<4.0	<4.0
PZ-3	11/12/18	SGI	690	4,300	16	<0.50	0.50	<1.5	<0.50	2.3	<10	<2.0	<2.0	<2.0
PZ-3	04/19/19	SGI	<100	330	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
PZ-3	10/31/19	SGI	210	520	<0.50	<0.50	<0.50	<1.5	<0.50	3.1	<10	<2.0	<2.0	<2.0
PZ-3	05/08/20	SGI	<100	490	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	10/26/20	SGI	<100	470	<0.50	<0.50	<0.50	<1.5	<0.50	1.6	<10	<2.0	<2.0	<2.0
PZ-3	05/07/21	SGI/Apex	<100	2,700	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	11/09/21	SGI/Apex	<100	1,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-7 (PZ-3)	11/09/21	SGI/Apex	<100	1,100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	05/19/22	SGI/Apex	910	11,000	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	11/10/22	SGI/Apex	<100	1,200	0.55	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
PZ-3	05/09/23	SGL/Apex	<100	1,700	<0.50	<0.50	<0.50	<1.0	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-3	11/15/23	SGL/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
PZ-5	10/07/03	Secor	6,900	----	11	<10	<10	<10	<20	9,100	----	----	----	----
PZ-5	05/05/05	Secor	<50	----	0.87	<0.50	<0.50	<0.50	<0.50	43	----	----	----	----
PZ-5	11/02/05	Secor	1,200	----	<2.5	<2.5	<2.5	<2.5	<5	2,100	----	----	----	----
PZ-5	02/28/06	Secor	160	----	<0.50	<0.50	<0.50	<0.50	<1	380	----	----	----	----
PZ-5	05/04/06	Secor	1,200	----	<2	<2	<2	<2	<4	1,900	----	----	----	----
PZ-5	09/19/06	Secor	480	----	<1	<1	<1	<1	<2	1,200	----	----	----	----
PZ-5	12/07/06	Secor	480	----	<1.5	<1.5	<1.5	<1.5	<3	960	----	----	----	----
PZ-5	03/13/07	Secor	320	----	<1	<1	<1	<1	<2	690	----	----	----	----
PZ-5	05/04/07	Secor	400	----	<0.50	<0.50	<0.50	<0.50	<1	610	----	----	----	----
PZ-5	08/29/07	Secor	380	----	<1	<1	<1	<1	<2	480	----	----	----	----
PZ-5	11/15/07	Secor	370	----	<0.50	<0.50	<0.50	<0.50	<1	470	----	----	----	----
PZ-5	02/20/08	Secor	940	----	<1	<1	<1	<1	<2	750	----	----	----	----
PZ-5	04/15/08	Secor	750	----	<1	<1	<1	<1	<2	740	----	----	----	----
PZ-5	08/12/08	Secor	1,500	----	<2	<2	<2	<2	<4	2,000	----	----	----	----
PZ-5	10/16/08	Stantec	<3,000	----	22	<15	<15	<15	<30	1,900	----	----	----	----
PZ-5	02/24/09	Blaine Tech	1,000	----	61	<1	<1	<1	<2	1,200	37,000	----	----	----
PZ-5	02/24/09	Blaine Tech	1,200	----	250	<2	5.7	<2	<4	1,200	35,000	<4	<4	<4
PZ-5	04/23/09	BT for AMEC GMX	1,200	----	250	<2	5.7	<2	<4	1,200	35,000	<4	<4	<4
PZ-5	07/22/09	Blaine Tech	3,800	----	2,000	20	98	77	<5	800	54,000	<5	<5	<5
PZ-5	10/23/09	Blaine Tech	2,900	----	1,100	18	53	69	<10	500	50,000	<10	<10	<10
PZ-5	03/16/10	Blaine Tech	1,700	----	370	2.1	33	9.4	<4	350	58,000	<4	<4	<4
PZ-5	04/16/10	Blaine Tech	1,600	----	110	<2.5	9.7	4.6	<5	340	91,000	<5	<5	<5
PZ-5	05/27/10	Blaine Tech	3,200,000 J	----	1,100	<25	66	<25	<50	360	69,000	<50	<50	<50
PZ-5	07/14/10	Blaine Tech	4,600	----	1,900	<10	180	<10	<20	530	82,000	<20	<20	<20
PZ-5	08/12/10	Blaine Tech	9,100	----	4,400	<5	340	42	<10	490	64,000	<10	<10	<10
PZ-5	09/20/10	Blaine Tech	8,500	----	4,200	2.8	110	12	<4	370	43,000	<4	<4	<4
PZ-5	10/07/10	Blaine Tech	6,300	----	3,100	<20	56	<20	<40	150	40,000	<40	<40	<40
PZ-5	11/16/10	Blaine Tech	3,400	----	1,600	<10	10	15	<20	130	20,000	<20	<20	<20
PZ-5	12/22/10	Blaine Tech	3,400	----	1,600	<10	<10	<10	<20	100	22,000	<20	<20	<20
PZ-5	01/12/11	Blaine Tech	<4,000	----	1,500	<5	<5	<5	<10	130	38,000	<10	<10	<10
PZ-5	02/24/11	Blaine Tech	1,400	----	390	<2	<2	3.8	<4	84	27,000	<4	<4	<4
PZ-5	03/23/11	Blaine Tech	1,100	----	210	<1	<1	2.4	<2	140	29,000	<2	<2	<2
PZ-5	04/13/11	Blaine Tech	830	----	59	<1	<1	<1	<2	120	28,000	<2	<2	<2
PZ-5	05/13/11	Blaine Tech	2,000	----	710	4.7	25	26	<5	140	34,000	<5	<5	<5
PZ-5	06/22/11	Blaine Tech	4,500	----	960	9.0	30	80	<10	100	33,000	<10	<10	<10
PZ-5	07/12/11	CH2M Hill	3,300	----	1,500	16	50	77	<20	110	34,000	<20	<20	<20
PZ-5	08/19/11	CH2M Hill	2,600	----	750	9.0	63	45	<10	150	47,000	<10	<10	<10
PZ-5	09/22/11	CH2M Hill	4,700	----	1,600	33	100	200	<20	200	64,000	<20	<20	<20
PZ-5	10/14/11	CH2M Hill	4,600	----	1,500	31	130	190	<10	170	58,000	<10	<10	<10
PZ-5	11/28/11	CH2M Hill	4,600	----	1,700	18	150	140	<20	220	61,000	<20	<20	<20
PZ-5	12/21/11	CH2M Hill	5,900	----	2,200	57	160	390	<20	190	61,000	<20	<20	<20
PZ-5	01/10/12	CH2M Hill	5,400	----	2,000	44	140	330	<20	200	38,000	<20	<20	<20
PZ-5	02/23/12	CH2M HILL	8,400	----	3,300	86	280	760	<40	370	29,000	<40	<40	<40
PZ-5	03/28/12	CH2M HILL	4,100	270	1,800	20	100	170	<20	150	29,000	<20	<20	<20
PZ-5	04/19/12	CH2M Hill	2,900	260	1,300	<10	97	20	<20	140	58,000	<20	<20	<20
PZ-5	05/25/12	CH2M HILL	7,500	340	3,700	42	210	250	<30	240	68,000	<30	<30	<30
PZ-5	06/15/12	CH2M HILL	8400 J	440	4,500	60	190	320	<100	500	75,000	<100	<100	<100

APPENDIX D
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Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g	TPH-d	Benzene	Toluene	Ethyl- benzene	Xylenes	1,2-DCA	MTBE	TBA	DIPE	ETBE	TAME
			(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
PZ-5	07/10/12	CHHL	7,600	360	3,400	31	150	200	<20	700	66,000	<20	<20	<20
PZ-5	08/29/12	CHHL	4,500	900	2,300	17	110	66	<20	1,000	140,000	<20	<20	<20
PZ-5	09/26/12	CHHL	6,200	390	2,000	25	160	110	<20	1,500	67,000	<20	<20	<20
PZ-5	10/18/12	CHHL	9,900	520	3,300	55	200	180	<80	5,600	83,000	<80	<80	<80
PZ-5	11/29/12	CHHL	8,300	420	3,000	35	200	69	<40	3,200	97,000	<40	<40	<40
PZ-5	12/26/12	CHHL	5,200	480	2,600	18	160	55	<5	3,300	130,000	<5	<5	<5
PZ-5	01/15/13	CHHL	9,400	1,400	3,900	41	200	100	<50	4,800	100,000	<50	<50	<50
PZ-5	02/20/13	CHHL	12,000	1,400	5,400	67	310	310	<100	8,600	110,000	<100	<100	<100
PZ-5	04/11/13	CHHL	10,000	2,300	4,100	37	300	140	<40	4,800	83,000	<40	<40	<40
PZ-5	10/11/13	CHHL	49,000	6,200	11,000	<100	590	250	<200	32,000	210,000	<200	<200	<200
PZ-5	04/16/14	CHHL	250,000	3,700	70,000	<200	5,800	200	<400	150,000	2,800,000	<400	<400	<400
PZ-5	10/30/14	BT for CH2MHill	16,000	6,500	5,600	<50	410	<0.50	<100	440	110,000	<100	<100	<100
PZ-5	10/30/14	BT for CH2MHill	16,000	4,000	5,600	<50	420	<0.50	<100	440	110,000	<100	<100	<100
PZ-5	04/23/15	BT for CH2MHill	3,100	2,100	1,100	<5.0	120	18	<10	150	64,000	<10	<10	<10
PZ-5	04/23/15	BT for CH2MHill	2,700	2,100	940	<2.5	99	23	<5.0	140	63,000	<5.0	<5.0	<5.0
PZ-5	10/26/15	BT for CH2MHill	1,200	1,100	<1.0	<1.0	<1.0	<1.0	<2.0	29	46,000	<2.0	<2.0	<2.0
PZ-5	10/26/15	BT for CH2MHill	1,200	1,000	<1.0	<1.0	<1.0	<1.0	<2.0	31	39,000	<2.0	<2.0	<2.0
PZ-5	04/14/16	BT for CH2MHill	860	400	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	72,000	<1.0	<1.0	<1.0
DUP-3 (PZ-5)	04/14/16	BT for CH2MHill	810	830	<0.50	<0.50	<0.50	<0.50	<0.50	7.6	66,000	<1.0	<1.0	<1.0
PZ-5	10/06/16	BT for CH2MHill	1,200	970	<1.0	<1.0	<1.0	1.4	<2.0	7.2	110,000	<2.0	2.7	<2.0
DUP-5 (PZ-5)	10/06/16	BT for CH2MHill	950	1,100	<1.0	<1.0	<1.0	0.86	<2.0	6.5	130,000	<2.0	2.5	<2.0
PZ-5	04/21/17	BT for CH2MHill	16,000	840	5,800	450	910	1,900	<40	770	47,000	<40	<40	44
PZ-5	10/05/17	BT for CH2MHill	910	270	1.7	<1.0	20	1.6	<2.0	23	30,000	<2.0	<2.0	<2.0
DUP-5 (PZ-5)	10/05/17	BT for CH2MHill	760	270	1.7	<1.0	19	1.9	<2.0	21	25,000	<2.0	<2.0	<2.0
PZ-5	04/19/18	BT for Jacobs	550	420	<0.50	<0.50	<0.50	<0.50	<1	3.6	97,000	<1.0	<1.0	<1.0
DUP (PZ-5)	04/19/18	BT for Jacobs	500	400	<0.50	<0.50	<0.50	<0.50	<1	3.6	91,000	<1.0	<1.0	<1.0
PZ-5	11/09/18	BT for Jacobs	3,100	470	<1.5	<1.5	<1.5	<1.5	<3.0	2.2	56,000	<3.0	<3.0	<3.0
DUP-5 (PZ-5)	11/09/18	BT for Jacobs	2,800	470	<1.5	<1.5	<1.5	<1.5	<3.0	2.1	67,000	<3.0	<3.0	<3.0
PZ-5	04/18/19	BT for Jacobs	1,700	520	66	<1	<1	3.3 J	<2	6.2	150,000	<2.0	3.7	<2.0
DUPE (PZ-5)	04/18/19	BT for Jacobs	1,600	520	51	<1	<1	2.2 J	<2	6	150,000	<2.0	3.8	<2.0
PZ-5	10/31/19	BT for Jacobs	1,200	420	<0.50	<0.50	<0.50	<0.50	<1.0	3.4	47,000	<1.0	2.5	<1.0
DUP-5 (PZ-5)	10/31/19	BT for Jacobs	1,200	190	0.52	<0.50	<0.50	<0.50	<1.0	3.3	54,000	<1.0	2.3	<1.0
PZ-5	05/07/20	BT for Jacobs	700	650	2.4	<1.0	<1.0	<1.0	<2.0	4.0	100,000	<2.0	3.3	<2.0
DUP-5 (PZ-5)	05/07/20	BT for Jacobs	780	710	2.4	<1.0	<1.0	<1.0	<2.0	4.3	120,000	<2.0	3.8	<2.0
PZ-5	11/06/20	BT for Jacobs	700	330	<0.50	<0.50	<0.50	14	<1.0	190	25,000	<1.0	<1.0	1.0
DUP-6 (PZ-5)	11/06/20	BT for Jacobs	700	340	<0.50	<0.50	<0.50	15	<1.0	210	22,000	<1.0	<1.0	1.0
PZ-5	05/05/21	BT for Jacobs	270	300	<0.50	0.53	<0.50	11	<1.0	270	9,000	<1.0	<1.0	<1.0
DUP-5 (PZ-5)	05/05/21	BT for Jacobs	290	350	<0.50	<0.50	<0.50	8.7	<1.0	250	11,000	<1.0	<1.0	<1.0
PZ-5	11/04/21	BT for Jacobs	150	300	<0.50	<0.50	<0.50	<0.50	<1.0	2.0	12,000	<1.0	<1.0	<1.0
DUP-6 (PZ-5)	11/04/21	BT for Jacobs	160	280	<0.50	<0.50	<0.50	<0.50	<1.0	1.8	16,000	<1.0	<1.0	<1.0
PZ-5	05/12/22	BT for Jacobs	220	320	<0.50	<0.50	<0.50	<0.50	<0.50	7.4	17,000	<1.0	<1.0	<1.0
DUP-5 (PZ-5)	05/12/22	BT for Jacobs	200	310	<0.50	<0.50	<0.50	<0.50	<0.50	9.1	16,000	<1.0	<1.0	<1.0
PZ-5	11/03/22	BT for Jacobs	120	190	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	6,300	<1.0	1.2	<1.0
DUP-3 (PZ-5)	11/03/22	BT for Jacobs	110	190	<0.50	<0.50	<0.50	<0.50	<1.0	<0.50	6,200	<1.0	1.2	<1.0
PZ-5	05/02/23	BT for Jacobs	<200	280	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	7,100	<2.0	<2.0	<2.0
DUP (PZ-5)	05/08/23	BT for Jacobs	<200	290	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	7,300	<2.0	<2.0	<2.0
PZ-5	11/07/23	BT for Jacobs	<200	110	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1,700	<2.0	<2.0	<2.0
DUP-1 (PZ-5)	11/07/23	BT for Jacobs	<200	100	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	1,800	<2.0	<2.0	<2.0
PZ-6	11/30/00	Secor	<300	-----	<0.50	0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
PZ-6	05/08/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-6	07/08/03	Geomatrix	----	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
PZ-6	04/27/04	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-6	07/08/04	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	0.50	<0.50	----	----	----	----
PZ-7A	06/13/03	Secor	340	----	<0.50	<0.50	<0.50	<0.50	<1	660	----	----	----	----
PZ-7A	09/24/03	Secor	160	----	<0.50	<0.50	<0.50	<0.50	<0.50	390	----	----	----	----
PZ-7A	10/10/03	Geomatrix	240	----	<0.50	<0.50	<0.50	<0.50	<0.50	340	----	----	----	----
PZ-7A	08/02/05	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	----	----	----	----
PZ-7B	06/13/03	Secor	98	----	<0.50	<0.50	<0.50	<0.50	0.51	51	----	----	----	----
PZ-7B	09/24/03	Secor	61	----	<0.50	<0.50	<0.50	<0.50	<0.50	67	----	----	----	----
PZ-7B	10/10/03	Geomatrix	90	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	----	----	----	----
PZ-7B	08/02/05	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-8A	06/13/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	12	----	----	----	----
PZ-8A	09/24/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	----	----	----	----
PZ-8A	10/10/03	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	2.8	----	----	----	----
PZ-8A	08/02/05	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-8A	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-8B	06/13/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	31	----	----	----	----
PZ-8B	09/24/03	Secor	86	----	<0.50	<0.50	<0.50	<0.50	<0.50	180	----	----	----	----
PZ-8B	10/10/03	Geomatrix	310	----	<0.50	<0.50	<0.50	<0.50	<1	440	----	----	----	----
PZ-8B	08/02/05	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-8B	12/06/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-9A	06/13/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-9A	09/24/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-9A	10/10/03	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-9A	08/02/05	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-9B	06/13/03	Secor	75	----	<0.50	<0.50	<0.50	<0.50	<0.50	50	----	----	----	----
PZ-9B	09/24/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	7.9	----	----	----	----
PZ-9B	10/10/03	Geomatrix	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	3.9	----	----	----	----
PZ-9B	08/02/05	Secor	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.2	----	----	----	----
PZ-10	08/01/03	Secor	6,300	----	710	130	150	890	<10	47	----	----	----	----
PZ-10	10/07/03	Secor	6,200	----	1,000	21	230	600	<10	55	----	----	----	----
PZ-10	01/27/04	Secor	3,100	----	560	5.4	63	201	<5	28	----	----	----	----
PZ-10	04/22/04	Secor	11,000	----	2,100	29	470	1,490	<20	110	----	----	----	----
PZ-10	07/19/04	Secor	4,800	----	890	<5	210	278	<10	45	----	----	----	----
PZ-10	11/03/04	Secor	4,600	----	920	9.1	280	580	<10	50	----	----	----	----
PZ-10	02/03/05	Secor	1,000	----	250	1.4	34	108	<2	42	----	----	----	----
PZ-10	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-10	08/01/05	Secor	<50	----	0.71	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-10	11/02/05	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
PZ-10	02/27/06	Secor	<200	----	<1	<1	<1	<1	<2	6.1	----	----	----	----
PZ-10	05/09/06	Secor	<1000	----	5.1	<5	<5	<5	<10	36	----	----	----	----
PZ-10	09/20/06	Secor	<200	----	<1	<1	<1	<1	<2	3.6	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
PZ-10	12/06/06	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	5.5	----	----	----	----
PZ-10	03/13/07	Secor	<500	----	<2.5	<2.5	<2.5	<2.5	<5	<2.5	----	----	----	----
PZ-10	05/03/07	Secor	<1000	----	6.1	<5	<5	<5	<10	<5	----	----	----	----
PZ-10	08/30/07	Secor	<200	----	<1	<1	<1	<1	<2	<1	----	----	----	----
PZ-10	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
PZ-10	02/21/08	Secor	<200	----	65	<1	3.1	9.4	<2	<1	----	----	----	----
PZ-10	04/16/08	Secor	950	----	360	5.0	20	85	<5	11	----	----	----	----
PZ-10	10/16/08	Stantec	<200	----	18	<1	<1	<1	<2	1.7	----	----	----	----
PZ-10	04/20/09	Blaine Tech for AMEC	560	----	26	<1	3.2	<1	<2	12	38	5.2	<2	<2
PZ-10	07/21/09	Blaine Tech	<200	----	1.4	<1	<1	<1	<2	9.6	55	3.1	<2	<2
PZ-10	10/22/09	Blaine Tech	<200	----	<1	<1	<1	<1	<2	4.4	30	<2	<2	<2
PZ-10	05/27/10	Blaine Tech	<100	----	0.92	<0.50	<0.50	<0.50	<1	1.4	<10	<1	<1	<1
PZ-10	10/07/10	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
PZ-10	04/13/11	Blaine Tech	<200	----	2.8	<1	<1	<1	<2	<1	<20	2.2	<2	<2
PZ-10	04/19/12	CH2M Hill	<200	570	4.9	<1	<1	<1	<2	<1	39	3.4	<2	<2
PZ-10	10/17/12	CHHL	<500	970	32	<2.5	<2.5	<2.5	<5	<2.5	<50	6.4	<5	<5
PZ-10	10/26/15	BT for CH2MHill	340	1,200 HD	<1.5	<1.5	<1.5	6.2	<3.0	<1.5	140	<3.0	<3.0	<3.0
PZ 10	04/14/16	BT for CH2MHill	<200	240	<1	<1	<1	<1	<2	<1	<20	<2.0	<2.0	<2.0
RTF-18-N	04/24/17	SGI	25,000	5,200	1,700	6.7	800	2,500	<5	<10	<100	<20	<20	<20
RTF-18-NNW	04/24/17	SGI	30,000	6,900	5,000	16	1,500	5,200	<5	<10	<100	<20	<20	<20
TF-8	09/18/03	BT for Parsons	----	----	1.2	<0.50	0.77	2.7	<0.50	24	----	----	----	----
TF-8	02/21/04	BT for Parsons	----	----	3.2	<0.50	<0.50	1.4	----	46	----	----	----	----
TF-8	10/10/13	Parsons	<100	490 HD	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
TF-8	04/18/14	Parsons	140 HD	450 HD	<0.50	<0.50	<0.50	<0.50	<0.50	0.71	<10	<2	<2	<2
TF-8	10/29/14	SGI	<100	1,000	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
TF-8	04/29/15	SGI	<100	1,100	<0.50	<0.50	<0.50	<1.0	<0.50	<2.0	<10	<2.0	<2.0	<2.0
TF-8	10/23/15	SGI	<100	830	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
TF-8	10/23/15	SGI	<100	930	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
TF 8	04/12/16	SGI	<100	1,000	0.52	<0.50	1.2	4.1	<0.50	1.7	<10	<2.0	<2.0	<2.0
DUP-3 (TF 8)	04/12/16	SGI	<100	640	<0.50	<0.50	1.2	3.9	<0.50	1.3	<10	<2.0	<2.0	<2.0
TF-8	10/10/16	SGI	<100	770	<0.50	<0.50	<0.50	<1.5	<0.50	1.2	<10	<2.0	<2.0	<2.0
DUP-7 (TF-8)	10/10/16	SGI	<100	800	<0.50	<0.50	<0.50	<1.5	<0.50	1.3	<10	<2.0	<2.0	<2.0
TF-8	04/20/17	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-8	10/05/17	SGI	<100	640	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-8	04/19/18	SGI	<100	780	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-8	11/08/18	SGI	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-8	04/17/19	SGI	<100	300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-8	11/05/19	SGI	<100	330	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/11/20	SGI	<100	280	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	10/26/20	SGI	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/07/21	SGI/Apex	<100	270	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	11/08/21	SGI/Apex	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	11/08/21	SGI/Apex	<100	240	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/16/22	SGI/Apex	<100	480	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	11/07/22	SGI/Apex	<100	210	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-6 (TF-8)	11/07/22	SGI/Apex	<100	310	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	05/08/23	SGI/Apex	<100	560	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
DUP (TF-8)	05/03/23	SGI/Apex	<100	430	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-8	11/10/23	SGI/Apex	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9	10/10/13	Parsons	960 HD	2,200 HD	2.1	0.27 J	0.80	0.30	<0.50	<0.50	32	<2.0	<2.0	<2.0
TF-9	04/18/14	Parsons	3,400 HD	2,900 HD	3.6	0.27 J	3.1	8.1	<0.50	<0.50	25	<2.0	<2.0	<2.0
TF-9	10/31/14	SGI	1,100	1,300	6.0	<0.50	0.84	0.69	<0.50	<2.0	22	<2.0	<2.0	<2.0
TF-9R	10/05/17	SGI	1,500	1,500	36	<0.50	6.5	0.51	<0.50	<1.0	<10	<2.0	<2.0	<2.0
DUPE-6 (TF-9R)	10/05/17	SGI	1,500	1,700	34	<1.0	5.9	<3.0	<1.0	<2.0	<20	<4.0	<4.0	<4.0
TF-9R	04/20/18	SGI	750	1,700 J	34	<2.5	3.4	<7.5	<2.5	<5.0	<50	<10	<10	<10
DUP-5 (TF-9R)	04/20/18	SGI	720	1,100 J	34	<2.5	3.4	<7.5	<2.5	<5.0	<50	<10	<10	<10
TF-9R	11/12/18	SGI	1,500	2,400	26	<2.0	7.1	<6.0	<2.0	<4.0	<40	<8.0	<8.0	<8.0
TF-9R	04/19/19	SGI	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-9R	10/31/19	SGI	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/20	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	10/20/20	SGI	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/07/21	SGI/Apex	<100	900	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	11/08/21	SGI/Apex	<100	1,300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/19/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	11/02/22	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	05/03/23	SGI/Apex	<100	1,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	11/15/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-13	05/09/23	SGI/Apex	240	4,100	1.1	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-13	11/14/23	SGI/Apex	<100	3,400	0.96	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-14	09/18/03	BT for Parsons	-----	-----	210	<2.5	62	89	<2.5	<2.5	-----	-----	-----	-----
TF-14	02/21/04	BT for Parsons	-----	-----	370	<1	130	126	-----	1.2	-----	-----	-----	-----
TF-15	05/12/20	SGI	2,000	1,600	230	<5.0	51	21	<5.0	<12	<100	<20	<20	<20
TF-15	10/26/20	SGI	160	2,300	59	<2.5	<2.5	<7.5	<2.5	<6.0	<50	<10	<10	<10
TF-15	05/12/21	SGI/Apex	1,100	6,600	37	<0.50	15	19	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-7 (TF-15)	05/12/21	SGI/Apex	1,800	7,800	46	1.6	53	64	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	11/08/21	SGI/Apex	1,200	18,000	32	4.2	33	22.3	<0.50	<1.2	10	<2.0	<2.0	<2.0
TF-15	05/26/22	SGI/Apex	780	1,900	12	<0.50	5.6	2.1	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	11/08/22	SGI/Apex	2,300	1,400	3.8	<0.50	18	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	05/09/23	SGI/Apex	940	1,500	3.0	<0.50	2.2	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	11/14/23	SGI/Apex	330	2,100	0.69	<0.50	1.1	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	04/14/03	GTI	-----	-----	24	5.0	15	17	-----	9.5	-----	-----	-----	-----
TF-16	09/18/03	BT for Parsons	-----	-----	280	8.3	24	211	<0.50	9.1	-----	-----	-----	-----
TF-16	10/11/03	BT for Parsons	-----	-----	150	7.0	27	91	-----	<25	-----	-----	-----	-----
TF-16	02/21/04	BT for Parsons	-----	-----	120	2.4	23	89	-----	5.6	-----	-----	-----	-----
TF-16	04/21/04	BT for Parsons	-----	-----	200	30	40	320	-----	4.6	-----	-----	-----	-----
TF-16	11/04/04	BT for Parsons	-----	-----	180	4.0	20	320	-----	<10	-----	-----	-----	-----
TF-16	05/06/05	BT for Parsons	-----	-----	43	10	4.6	73	-----	<25	-----	-----	-----	-----
TF-16	11/08/05	BT for Parsons	-----	-----	25	0.86	3.4	20	-----	8.5	-----	-----	-----	-----
TF-16	05/04/06	BT for Parsons	-----	-----	52	0.89	10	49	-----	<5	-----	-----	-----	-----
TF-16	12/08/06	BT for Parsons	-----	-----	28	<0.50	1.5	3.0	-----	<5	-----	-----	-----	-----
TF-16	05/04/07	BT for Parsons	-----	-----	520	<2.5	5.4	10	-----	<25	-----	-----	-----	-----

**APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
TF-16	11/15/07	BT for Parsons	-----	-----	450	<0.50	<0.50	<1	-----	9.3	-----	-----	-----	-----
TF-16	04/17/08	BT for Parsons	-----	-----	570	1.3	3.2	4.1	-----	<10	-----	-----	-----	-----
TF-16	10/16/08	BT for Parsons	-----	-----	330	<2.5	<2.5	<2.5	<2.5	6.3	<50	<10	<10	<10
TF-16	04/24/09	BT for Parsons	-----	-----	24	<0.50	<0.50	<0.50	<0.50	4.1	11	<2	<2	<2
TF-16	10/26/09	BT for Parsons	-----	-----	7.6	<0.50	0.34 J	<0.50	<0.50	3.9	11	<2	<2	0.35 J
TF-16	04/15/10	BT for Parsons	-----	-----	10	<0.50	0.38 J	<0.50	-----	3.5	8.2 J	<2	<2	0.42 J
TF-16	04/15/11	BT for Parsons	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
TF-16	04/22/11	BT for Parsons	-----	-----	40	<0.50	1.1	0.80	<0.50	3.4	11	<2	<2	0.39 J
TF-16	04/19/12	Parsons	2,100	-----	10	<0.50	0.83	0.67 J	<0.50	3.4	17	<2	<2	0.67 J
TF-16	04/11/13	Parsons	1,200 b	2,500 b	180	<0.50	1.5	1.08 J	<0.50	4.8	6 J	<2	<2	<2
TF-16	10/08/13	Parsons	860 HD	2,300 HD	170	<0.50	1.1	0.58	<0.50	4.2	8.5 J	<2	<2	0.64 J
TF-16	04/17/14	Parsons	6,000 HD	7,600 HD	740	3.0	31	110	<0.50	4.6	8.2 J	<2	<2	0.98 J
TF-16	05/12/20	Parsons	3,400	2,000	100	<2.5	<2.5	<7.5	<2.5	<6.0	<50	<10	<10	<10
TF-16	10/26/20	SGI	170	2,100	32	<0.50	4.3	<3.0	<0.50	<2.4	30	<4.0	<4.0	<4.0
TF-16	05/12/21	SGI/Apex	270	2,600	7.8	<0.50	0.61	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	11/08/21	SGI/Apex	1,300	2,500	1.4	<0.50	2.1	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	05/26/22	SGI/Apex	790	500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-7 (TF-16)	05/26/22	SGI/Apex	810	750	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	11/10/22	SGI/Apex	1,200	1,400	<0.50	<0.50	0.54	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	05/09/23	SGI/Apex	670	3,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP (TF-16)	05/08/23	SGI/Apex	2,700	1,300	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-16	11/14/23	SGI/Apex	310	6,700	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-17	10/09/13	Parsons	18,000 HD	32,000 HD	33	<2.5	<2.5	<2.5	<2.5	<2.5	<50	<10	<10	<10
TF-17	04/17/14	Parsons	8,900 HD	14,000 HD	13	<2.5	<2.5	<2.5	<2.5	2.7	<50	<10	<10	<10
TF-17	11/03/14	SGI	2,900	7,100	68	2.3	48	228	<0.50	2.8	<10	<2.0	<2.0	<2.0
TF-17R	05/12/20	SGI	5,800	11,000	370	<5.0	590	1,200	<5.0	<120	<1,000	<200	<200	<200
TF-17R	11/23/20	SGI	5,700	3,700	46	<5.0	190	490	<5.0	<12	<100	<20	<20	<20
TF-17R	05/10/21	SGI/Apex	8,600	5,600	67	<2.5	260	590	<2.5	<6.0	76	<10	<10	<10
TF-17R	11/09/21	SGI/Apex	1,700	18,000	6.4	<2.5	15	13	<2.5	<6.0	<50	<10	<10	<10
TF-17R	05/26/22	SGI/Apex	2,100	5,200	13	<2.5	100	13	<2.5	<6.0	<50	<10	<10	<10
TF-17R	11/10/22	SGI/Apex	1,500	2,100	3.8	<0.50	78	0.57	<0.50	<1.2	41	<2.0	<2.0	<2.0
TF-17R	05/08/23	SGI/Apex	100	1,500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	11	<2.0	<2.0	<2.0
TF-17R	11/14/23	SGI/Apex	200	460	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-18	04/24/17	SGI	54,000	7,300	320	<5	340	530	<5.0	<10	<100	<20	<20	<20
TF-18	11/07/19	SGI	9,300	9,300	33	<5.0	88	34	<5.0	<12	<100	<20	<20	<20
DUP-7 (TF-18)	11/07/19	SGI	6,300	8,300	30	<1.0	61	26.2	<1.0	<2.4	71	<4.0	<4.0	<4.0
TF-18	11/23/20	SGI	3,800	16,000 J	18	<2.5	4.3	3.0	<2.5	<6.0	700	<10	<10	<10
TF-18	05/12/21	SGI/Apex	27,000	21,000	13	<1.0	19	4.0	<1.0	<2.4	200	<4.0	<4.0	<4.0
TF-18	11/09/21	SGI/Apex	9,400	68,000	4.6	<0.50	0.51	<1.5	<0.50	<1.2	380	<2.0	<2.0	<2.0
TF-18	05/26/22	SGI/Apex	450	56,000	<1.0	<1.0	<1.0	<3.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
TF-18	11/10/22	SGI/Apex	<100	3,300	1.2	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-18	05/08/23	SGI/Apex	<100	8,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	45	<2.0	<2.0	<2.0
TF-18	11/14/23	SGI/Apex	<100	1,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-7 (TF-18)	11/14/23	SGI/Apex	<100	980	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-19	11/06/18	SGI	710	1,500	<0.50	<0.50	0.54	1.0	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-20R	10/10/17	SGI	1,300	660	490	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
TF-20R	04/24/18	SGL	900	540	290	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20
DUP-7 (TF-20R)	04/24/18	SGL	850	550	290	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20
TF-20R	11/15/18	SGL	700	620	130	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20
TF-20R	04/22/19	SGL	540	440	74	<0.50	<0.50	1.1	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-20R	11/06/19	SGL	810	640	29	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/11/20	SGL	410	600	25	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	10/28/20	SGL	170	430	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	48	<2.0	<2.0	<2.0
TF-20R	05/10/21	SGL/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	11/04/21	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/10/22	SGL/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	11/01/22	SGL/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	05/04/23	SGL/Apex	<100	580	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-20R	11/13/23	SGL/Apex	<100	2,800	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	31	<2.0	<2.0	<2.0
TF-21	04/10/03	GTI	----	----	267	1.6	8.1	9.8	----	<3	----	----	----	----
TF-21	09/18/03	BT for Parsons	----	----	560	<5	5.6	<5	<5	<5	----	----	----	----
TF-21	10/08/03	BT for Parsons	----	----	390	<0.60	4.2	<0.60	----	<10	----	----	----	----
TF-21	02/21/04	BT for Parsons	----	----	820	<2.5	<2.5	<2.5	----	3.6	----	----	----	----
TF-21	04/21/04	BT for Parsons	----	----	550	<1	1.6	<1	----	2.7	----	----	----	----
TF-21	11/04/04	BT for Parsons	----	----	10	<0.30	<0.30	1.2	----	<5	----	----	----	----
TF-21	05/05/05	BT for Parsons	----	----	190	13	45	310	----	<100	----	----	----	----
TF-21	11/05/05	BT for Parsons	----	----	140	0.61	3.7	39	----	6.1	----	----	----	----
TF-21	05/03/06	BT for Parsons	----	----	140	4.3	3.9	10	----	5.1	----	----	----	----
TF-21	12/06/06	BT for Parsons	----	----	44	<0.50	<0.50	5.0	----	<5	----	----	----	----
TF-21	05/04/07	BT for Parsons	----	----	80	0.93	0.86	2.2	----	7.2	----	----	----	----
TF-21	11/16/07	BT for Parsons	----	----	170	<0.50	<0.50	<1	----	<5	----	----	----	----
TF-21	04/17/08	BT for Parsons	----	----	190	<0.50	4.4	2.4	----	<5	----	----	----	----
TF-21	10/15/08	BT for Parsons	----	----	37	<0.50	<0.50	<0.50	<0.50	1.0	23	<2	<2	<2
TF-21	04/24/09	BT for Parsons	----	----	40	<0.50	<0.50	<0.50	<0.50	18	13	<2	<2	<2
TF-21	10/26/09	BT for Parsons	----	----	50	<0.50	0.46 J	<0.50	<0.50	0.74	19	<2	<2	<2
TF-21	04/16/10	BT for Parsons	----	----	120	0.37 J	1.1	1.2	---	<0.50	15	<2	<2	<2
TF-21	04/15/11	BT for Parsons	----	----	----	----	----	----	----	----	----	----	----	----
TF-21	04/22/11	BT for Parsons	----	----	160	<0.50	1.4	3.1	<0.50	0.71	20	<2	<2	<2
TF-21	04/20/12	Parsons	1,600	----	280	0.27 J	1.7	0.88 J	<0.50	0.99	24	<2	<2	<2
TF-21	04/12/13	Parsons	590 b	2,700	130	<0.50	0.50	0.24 J	<0.50	4.1	13	<2	<2	<2
TF-21	10/08/13	Parsons	810 HD	2,200 HD	320	<0.50	0.59	0.24	<0.50	7.2	17	<2	<2	<2
TF-21	04/17/14	Parsons	1,100 HD	2,000 HD	190	0.26 J	0.83	0.48	<0.50	16	20	<2	<2	<2
TF-21	10/30/14	SGL	1,500	1,700	120	<0.50	1.2	0.54	<0.50	2.2	<10	<2.0	<2.0	<2.0
TF-21	04/29/15	SGL	570	1,700	16	<1.0	<1.0	<2.0	<1.0	4.0	<20	<4.0	<4.0	<4.0
TF-21	10/11/16	SGL	1,300	7,800	8.5	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-21	04/21/17	SGL	420	1,400	10	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-21	10/09/17	SGL	350	1,700	4.3	<0.50	<0.50	<1.5	<0.50	<1.0	18	<2.0	<2.0	<2.0
TF-21	04/23/18	SGL	180	960	13	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-21	11/12/18	SGL	370	1,400	5.8	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-21	04/22/19	SGL	150	710	1.5	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-21	10/30/19	SGL	110	310	2.1	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/08/20	SGL	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	10/23/20	SGL	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
DUP-5 (TF-21)	10/23/20	SGL	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/05/21	SGL/Apex	<100	290	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
TF-21	11/04/21	SGI/Apex	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/12/22	SGI/Apex	<100	790	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	11/07/22	SGI/Apex	<100	660	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	05/08/23	SGI/Apex	<100	640	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-21	11/13/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	04/24/17	SGI	410	2,900	2.2	0.62	0.90	2.4	<0.50	1.5	94	<2.0	<2.0	<2.0
TF-23	04/22/19	SGI	560	4,600	<0.50	<0.50	<0.50	<1.5	<0.50	1.0	92	<2.0	<2.0	<2.0
TF-23	05/11/20	SGI	660	7,400	73	<0.50	<0.50	<1.5	<0.50	17	270	<2.0	<2.0	<2.0
TF-23	10/26/20	SGI	550	1,900	1.1	<0.50	<0.50	<1.5	<0.50	21	1,300	<2.0	<2.0	<2.0
TF-23	05/12/21	SGI/Apex	670	23,000	<2.5	<2.5	<2.5	<7.5	<2.5	20	810	<10	<10	<10
TF-23	11/09/21	SGI/Apex	1,100	87,000	<0.50	<0.50	<0.50	<1.5	<0.50	9.2	540 J	<2.0	<2.0	<2.0
TF-23	05/26/22	SGI/Apex	160	780	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	11/07/22	SGI/Apex	1,900	110,000	<2.5	<2.5	<2.5	<7.5	<2.5	<6.0	<50	<10	<10	<10
TF-23	05/09/23	SGI/Apex	<100	280	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	11/13/23	SGI/Apex	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	10/10/13	Parsons	<100	1,500 HD	<0.50	<0.50	<0.50	<0.50	<0.50	0.4 J	<10	<2	<2	<2
TF-24	04/18/14	Parsons	<100	730 HD	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
TF-24	10/29/14	SGI	<100	1,900	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
TF-24	04/29/15	SGI	<100	1,900	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
TF-24	10/11/16	SGI	<100	1,100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-24	04/21/17	SGI	<100	1,700	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-24	10/05/17	SGI	<100	2,500	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-24	04/20/18	SGI	<100	2,900 J	1.7	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-24	11/12/18	SGI	<100	2,800	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-24	04/19/19	SGI	<100	2,800	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
TF-24	11/06/19	SGI	<100	2,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/11/20	SGI	<100	360	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	10/23/20	SGI	<100	4,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/12/21	SGI/Apex	<100	750	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	11/05/21	SGI/Apex	<100	1,400	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/19/22	SGI/Apex	<100	1,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	11/08/22	SGI/Apex	<100	180	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	05/04/23	SGI/Apex	<100	570	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-24	11/13/23	SGI/Apex	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-1	11/25/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	0.60	<5	-----	-----	-----	-----
WCW-1	07/15/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	-----	-----	-----	-----
WCW-1	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
WCW-1	05/23/98	Terra Services	<300	-----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
WCW-1	08/25/98	Geomatrix	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-1	11/04/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-1	02/02/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	<0.50	-----	-----	-----	-----
WCW-1	05/06/99	Alton Geoscience	<500	<500	2.1	9.8	0.80	4.4	<1	<0.50	-----	-----	-----	-----
WCW-1	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
WCW-1	11/18/99	IT Corporation	<300	-----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-1	02/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-1	05/19/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-1	08/28/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	0.50	<0.50	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-1	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	09/18/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-1	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	----	----	----	----
WCW-1	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	05/03/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-1	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-1	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-1	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	11/25/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<1.7	<5	----	----	----	----
WCW-2	07/08/97	Terra Services	<100	<500	<0.50	3.5	1.4	7.4	0.57	<5	----	----	----	----
WCW-2	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	1.0	<0.50	----	----	----	----
WCW-2	05/19/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-2	08/25/98	Geomatrix	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	02/02/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<1	<1	<0.50	----	----	----	----
WCW-2	05/06/99	Alton Geoscience	<500	<500	<0.50	0.80	<0.50	<0.50	<1	<0.50	----	----	----	----
WCW-2	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-2	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	02/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	----	----	----	----
WCW-2	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.60	<0.50	----	----	----	----
WCW-2	11/30/00	IT Corporation	<300	----	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	09/18/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-2	04/10/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	04/21/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-2	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

**APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023**

Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-2	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	05/24/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/07/10	Blaine Tech	<100	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
WCW-2	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/13/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-2	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/08/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-2	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW 2	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	04/18/17	BT for CH2MHill	<50	230	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/05/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/04/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	05/03/23	BT for Jacobs	<50	53	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-2	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/25/96	GSI	120	<500	<0.70	<0.50	<0.50	<1.5	190	<5	----	----	----	----
WCW-3	07/15/97	Terra Services	100	<500	<0.50	<0.50	<0.50	<1	190	<5	----	----	----	----
WCW-3	01/05/98	GTI	<500	200	<0.50	<0.50	<0.50	<1	220	<0.50	----	----	----	----
WCW-3	05/23/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	201	<0.50	----	----	----	----
WCW-3	08/26/98	Geomatrix	<300	----	<2.5	<2.5	<2.5	<2.5	200	<2.5	----	----	----	----
WCW-3	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	190	<0.50	----	----	----	----
WCW-3	02/03/99	Alton Geoscience	<1000	<500	<1	<1	<1	<2	200	<1	----	----	----	----
WCW-3	05/06/99	Alton Geoscience	<500	<500	<0.50	1.3	<0.50	<0.50	<1	1.1	----	----	----	----
WCW-3	08/10/99	Alton Geoscience	<500	<1,000	<0.50	<1	<1	<1	130	1.8	----	----	----	----
WCW-3	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	100	3.3	----	----	----	----
WCW-3	02/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	100	<0.50	----	----	----	----
WCW-3	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	92	1.0	----	----	----	----
WCW-3	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	90	0.70	----	----	----	----
WCW-3	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	68	<0.50	----	----	----	----
WCW-3	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	81	<0.50	----	----	----	----
WCW-3	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	63	<0.50	----	----	----	----
WCW-3	09/19/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	69	<0.50	----	----	----	----
WCW-3	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	51	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-3	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	34	<0.50	----	----	----	----
WCW-3	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	29	<0.50	----	----	----	----
WCW-3	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	47	0.55	----	----	----	----
WCW-3	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	39	<1	----	----	----	----
WCW-3	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	44	<0.50	----	----	----	----
WCW-3	04/10/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	34	<0.50	----	----	----	----
WCW-3	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	23	<0.50	----	----	----	----
WCW-3	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	22	<0.50	----	----	----	----
WCW-3	01/28/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	43	<0.50	----	----	----	----
WCW-3	05/10/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	33	<0.50	----	----	----	----
WCW-3	07/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	46	<0.50	----	----	----	----
WCW-3	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	33	<0.50	<10	<2	<2	<2
WCW-3	02/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	39	<0.50	----	----	----	----
WCW-3	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	31	<0.50	----	----	----	----
WCW-3	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	26	<0.50	----	----	----	----
WCW-3	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	19	<0.50	<10	<2	<2	<2
WCW-3	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	8.8	<0.50	----	----	----	----
WCW-3	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	10	<0.50	----	----	----	----
WCW-3	09/20/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	16	<0.50	----	----	----	----
WCW-3	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	6.6	<0.50	<10	<2	<2	<2
WCW-3	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-3	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-3	08/28/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-3	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-3	02/21/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-3	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-3	08/13/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	3.6	<0.50	----	----	----	----
WCW-3	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	1.3	<0.50	<10	<2	<2	<2
WCW-3	02/23/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	----	----	----
WCW-3	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-3	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	4.0	<0.50	<10	0.44 J	<2	<2
WCW-3	03/15/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	3.5	<0.50	<10	<1	<1	<1
WCW-3	05/24/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	4.4	<0.50	<10	<1	<1	<1
WCW-3	10/08/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1	<1	<1
WCW-3	01/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	3.3	<0.50	<10	<1	<1	<1
WCW-3	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	4.5	<0.50	<10	<1	<1	<1
WCW-3	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	3.4	<0.50	<10	<1	<1	<1
WCW-3	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1	<1	<1
WCW-3	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	3.2	<0.50	<10	<1	<1	<1
WCW-3	07/09/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	2.2	<0.50	<10	<1	<1	<1
WCW-3	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	<10	<1	<1	<1
WCW-3	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	<1	<1	<1
WCW-3	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	4.1	<0.50	<10	<1	<1	<1
WCW-3	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1	<1	<1
WCW-3	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	0.88	<0.50	<10	<1	<1	<1
WCW-3	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.84	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-3	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW 3	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.74	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/05/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/03/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/22/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
WCW-4	07/08/97	Terra Services	<100	<500	0.50	0.78	<0.50	<1	<0.50	<5	----	----	----	----
WCW-4	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-4	05/19/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-4	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	05/06/99	Alton Geoscience	<500	<500	2.1	7.7	0.62	3.4	<1	<0.50	----	----	----	----
WCW-4	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-4	04/10/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	05/10/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-4	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-4	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	<10	<2	<2	<2
WCW-4	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.61	----	----	----	----
WCW-4	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.65	<10	<2	<2	<2
WCW-4	04/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.51	<10	<1	<1	<1
WCW-4	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.64	<10	<2	<2	<2
WCW-4	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/07/10	Blaine Tech	<100	----	<0.50	----	----	----	<0.50	0.89	<10	----	----	----
WCW-4	04/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.7	<10	<1	<1	<1
WCW-4	10/14/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.62	<10	<2	<2	<2
WCW-4	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-4	10/18/12	Parsons	---	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.53	<10	<2	<2	<2
WCW-4	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-4	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	04/14/16	BT for CH2MHill	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	04/18/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/05/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<10	<1.0	<1.0	<1.0
WCW-4	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<1.0	<1.0	<1.0
WCW-4	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.56	<10	<1.0	<1.0	<1.0
WCW-4	05/02/23	BT for Jacobs	<50	63	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-4	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/22/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
WCW-5	07/08/97	Terra Services	<100	<500	<0.50	7.7	<0.50	1.4	<0.50	<5	----	----	----	----
WCW-5	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	0.7	<0.50	----	----	----	----
WCW-5	05/19/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-5	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	05/05/99	Alton Geoscience	<500	<500	10	43	3.8	21	<1	<0.50	----	----	----	----
WCW-5	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	05/16/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-5	04/10/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	05/10/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/06/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-5	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-5	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/07/10	Blaine Tech	<100	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
WCW-5	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/14/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-5	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/08/13	CHHL	<50	130	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-5	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	10/31/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/05/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/04/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-5	11/08/23	BT for Jacobs	<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	GSI	230	<500	<0.50	<0.50	<0.50	<1.5	220	24	----	----	----	----
WCW-6	07/15/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	65	10	----	----	----	----
WCW-6	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	159	3.0	----	----	----	----
WCW-6	05/26/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	83	2.0	----	----	----	----
WCW-6	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	46	1.8	----	----	----	----
WCW-6	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	53	0.68	----	----	----	----
WCW-6	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	11	<0.50	----	----	----	----
WCW-6	05/16/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	16	0.70	----	----	----	----
WCW-6	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	----	----	----	----
WCW-6	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	5.7	<0.50	----	----	----	----
WCW-6	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	2.7	<0.50	----	----	----	----
WCW-6	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.7	<0.50	----	----	----	----
WCW-6	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-6	04/10/03	Secor	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	----	----	----	----
WCW-6	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	0.93	<0.50	----	----	----	----
WCW-6	05/10/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	0.64	<0.50	----	----	----	----
WCW-6	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-6	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	1.1	<0.50	<10	<2	<2	<2
WCW-6	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-6	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-6	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-6	10/17/08	BT for Parsons	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/21/09	BT for AMEC GMX	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	05/24/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/07/10	BT for Parsons	<100	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
WCW-6	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	0.69	<0.50	<10	<1	<1	<1
WCW-6	10/13/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	0.28 J	<0.50	<10	<2	<2	<2
WCW-6	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-6	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-6	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW 6	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.54	<0.50	23	<1.0	<1.0	<1.0
WCW-6	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.4	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/05/20	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	2.0	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	2.3	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	2.8	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.9	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	11/08/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	<10	<1.0	<1.0	<1.0
WCW-7	11/22/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	31	<5	----	----	----	----
WCW-7	07/15/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	----	----	----	----
WCW-7	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	30	<0.50	----	----	----	----
WCW-7	05/23/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	30	<0.50	----	----	----	----
WCW-7	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	35	<0.50	----	----	----	----
WCW-7	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	45	<0.50	----	----	----	----
WCW-7	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	0.60	62	1.3	----	----	----	----
WCW-7	05/16/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	120	6.4	----	----	----	----
WCW-7	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	83	6.0	----	----	----	----
WCW-7	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	95	6.1	----	----	----	----
WCW-7	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	91	9.3	----	----	----	----
WCW-7	09/18/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	140	12	----	----	----	----
WCW-7	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	91	11	----	----	----	----
WCW-7	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	84	8.8	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-7	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	66	8.4	----	----	----	----
WCW-7	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	74	8.6	----	----	----	----
WCW-7	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	78	9.3	----	----	----	----
WCW-7	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	80	7.3	----	----	----	----
WCW-7	04/10/03	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	69	6.8	----	----	----	----
WCW-7	07/30/03	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	69	7.6	----	----	----	----
WCW-7	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	84	9.4	----	----	----	----
WCW-7	01/28/04	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	100	10	----	----	----	----
WCW-7	05/10/04	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	73	6.7	----	----	----	----
WCW-7	07/20/04	Secor	140	----	<0.50	<0.50	<0.50	<0.50	110	9.0	----	----	----	----
WCW-7	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	84	11	51	29	<2	<2
WCW-7	02/03/05	Secor	72	----	<0.50	<0.50	<0.50	<0.50	91	8.8	----	----	----	----
WCW-7	05/05/05	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	83	6.9	----	----	----	----
WCW-7	08/03/05	Secor	53	----	<0.50	<0.50	<0.50	<0.50	49	14	----	----	----	----
WCW-7	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	14	6.7	<10	2.2	<2	<2
WCW-7	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	2.5	0.84	----	----	----	----
WCW-7	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	6.0	2.5	----	----	----	----
WCW-7	09/20/06	Secor	<100	----	<0.50	<0.50	<0.50	<0.50	33	7.2	----	----	----	----
WCW-7	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	36	8.0	<10	4.8	<2	<2
WCW-7	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	32	5.4	----	----	----	----
WCW-7	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	49	6.4	----	----	----	----
WCW-7	08/28/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	56	7.1	----	----	----	----
WCW-7	11/14/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	50	6.5	<10	9.2	<2	<2
WCW-7	02/21/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	43	5.9	----	----	----	----
WCW-7	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	54	5.9	----	----	----	----
WCW-7	08/13/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	55	5.3	----	----	----	----
WCW-7	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	45	5.4	<10	12	<2	<2
WCW-7	02/24/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	40	2.4	<10	----	----	----
WCW-7	04/22/09	BT for AMEC GMX	<50	----	<0.50	<0.50	<0.50	<0.50	40	2.8	<10	6.6	<1	<1
WCW-7	07/21/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	31	1.9	<10	5.6	<1	<1
WCW-7	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	40	1.8	<10	3.7	<2	<2
WCW-7	03/15/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	30	1.8	<10	4.0	<1	<1
WCW-7	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	23	1.2	<10	3.3	<1	<1
WCW-7	07/13/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	20	1.6	<10	3.4	<1	<1
WCW-7	10/07/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	26	1.7	<10	3.9	<1	<1
WCW-7	01/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	25	1.4	<10	3.3	<1	<1
WCW-7	04/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	23	1.4	<10	3.9	<1	<1
WCW-7	07/12/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	21	1.2	<10	2.6	<1	<1
WCW-7	10/12/11	CH2M Hill	<500	----	<0.50	<0.50	<0.50	<0.50	21	1.0	<10	2.2	<1	<1
WCW-7	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	16	1.1	<10	2.1	<1	<1
WCW-7	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	18	0.98	<10	2.2	<1	<1
WCW-7	07/10/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	16	0.84	<10	2.1	<1	<1
WCW-7	10/17/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	9.2	0.56	<10	1.5	<1	<1
WCW-7	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	18	1.2	<10	1.8	<1	<1
WCW-7	04/10/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	19	0.61	<10	1.3	<1	<1
WCW-7	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	11	0.60	<10	1.4	<1	<1
WCW-7	04/17/14	CHHL	61	64	<0.50	<0.50	<0.50	<0.50	7.4	0.73	<10	1.7	<1	<1
WCW-7	10/28/14	BT for CH2MHill	<100	<50	<0.50	<0.50	<0.50	<0.50	7.5	0.51	<10	1.2	<1.0	<1.0
WCW-7	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	5.6	<0.50	<10	1.1	<1.0	<1.0
WCW-7	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	6.2	0.74	<10	1.9	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-7	04/14/16	BT for CH2MHill	<100	<50	<0.50	<0.50	<0.50	<0.50	7.7	0.82	<10	2.2	<1.0	<1.0
WCW-7	10/05/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-7	10/06/17	BT for CH2MHill	<50	120	1.2	<0.50	<0.50	<0.50	4.8	<0.50	<10	1.2	<1.0	<1.0
WCW-7	04/17/18	BT for Jacobs	<50	86	<0.50	<0.50	<0.50	<0.50	5.2	<0.50	<10	<1	<1	<1
WCW-7	11/06/18	BT for Jacobs	<50	110	<0.50	<0.50	<0.50	<0.50	5.0	<0.50	<10	1.1	<1.0	<1.0
WCW-7	04/17/19	BT for Jacobs	<50	290	<0.50	<0.50	<0.50	<0.50	14	2.4	<10	5.6	<1	<1
WCW-7	10/31/19	BT for Jacobs	<50	120	<0.50	<0.50	<0.50	<0.50	4.2	0.57	<10	1.3	<1.0	<1.0
WCW-7	05/07/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	6.4	1.6	<10	2.7	<1.0	<1.0
WCW-8	07/15/97	Terra Services	<100	1,700	<0.50	<0.50	<0.50	<1	<0.50	<5	----	----	----	----
WCW-8	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-8	05/26/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-8	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
WCW-8	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	05/16/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1.8	120	----	----	----	----
WCW-8	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.70	<0.50	----	----	----	----
WCW-8	11/30/00	IT Corporation	<300	----	0.90	<0.50	<0.50	0.80	<0.50	<0.50	----	----	----	----
WCW-8	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	09/18/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-8	04/10/03	Secor	61	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	10/11/03	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	05/10/04	Secor	55	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	12/05/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	05/02/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-8	11/14/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.60	----	----	----	----
WCW-8	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	04/21/09	BT for AMEC GMX	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-8	10/26/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<2	<2	<2
WCW-8	05/27/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/07/10	Blaine Tech	<100	----	<0.50	----	----	----	<0.50	0.90	3.7 J	----	----	----
WCW-8	04/13/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.96	<10	<1	<1	<1
WCW-8	10/14/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	0.92	<10	<2	<2	<2
WCW-8	04/19/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.89	<10	<1	<1	<1
WCW-8	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-8	04/11/13	CHHL	<100	<50	<0.50	<0.50	<0.50	<0.50	<1	<0.50	<10	<1	<1	<1
WCW-8	10/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-8	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-8	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	04/13/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	10/31/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/20	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/05/21	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	05/03/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-8	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-9	11/22/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
WCW-9	07/08/97	Terra Services	<100	<500	<0.50	1.1	<0.50	1.1	<0.50	<5	----	----	----	----
WCW-9	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-9	05/19/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-9	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-9	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	----	----	----	----
WCW-9	11/18/99	IT Corporation	<300	----	<0.50	<1	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-9	05/16/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-9	11/30/00	IT Corporation	<300	----	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-9	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-9	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-9	04/11/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-10	11/25/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
WCW-10	07/08/97	Terra Services	<100	<500	<0.50	2.2	<0.50	<1	<0.50	<5	----	----	----	----
WCW-10	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-10	05/19/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-10	11/04/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-10	05/05/99	Alton Geoscience	<500	<500	<0.50	0.80	<0.50	<0.50	<1	<0.50	----	----	----	----
WCW-10	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	0.80	<0.50	<0.50	----	----	----	----
WCW-10	05/19/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-10	11/30/00	IT Corporation	<300	----	1.0	<0.50	<0.50	0.70	<0.50	<0.50	----	----	----	----
WCW-10	05/10/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-10	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-10	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-11	11/25/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
WCW-11	07/08/97	Terra Services	<100	<500	<0.50	2.5	<0.50	<1	<0.50	<5	----	----	----	----
WCW-11	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-11	05/18/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-11	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-11	05/06/99	Alton Geoscience	<500	<500	<0.50	<0.50	<0.50	<0.50	<1	<0.50	-----	-----	-----	-----
WCW-11	11/17/99	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-11	05/18/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-11	11/30/00	IT Corporation	<300	-----	0.8	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-11	05/09/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-11	11/08/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-11	04/09/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/25/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	-----	-----	-----	-----
WCW-12	07/09/97	Terra Services	<100	<500	<0.50	2.5	<0.50	<1	<0.50	<5	-----	-----	-----	-----
WCW-12	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
WCW-12	05/18/98	Terra Services	-----	-----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/03/98	GTI	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	05/06/99	Alton Geoscience	<500	<500	1.4	5.3	<0.50	2.3	<1	<0.50	-----	-----	-----	-----
WCW-12	11/17/99	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	05/18/00	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/30/00	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	05/09/01	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/08/01	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	04/09/02	Secor	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	10/24/02	GTI	<300	-----	<0.50	<1	<1	<1	<0.50	<1	-----	-----	-----	-----
WCW-12	04/09/03	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	05/10/04	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/03/04	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	03/02/05	Blaine Tech	<100	-----	<0.50	<1	<1	<1	-----	<1	-----	-----	-----	-----
WCW-12	05/05/05	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/05/05	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/05/06	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	12/08/06	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/01/07	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	11/13/07	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/18/08	Secor	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	-----	-----	-----	-----
WCW-12	10/17/08	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/21/09	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/27/09	Blaine Tech	<100	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	05/24/10	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/07/10	Blaine Tech	<100	-----	<0.50	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
WCW-12	04/11/11	Blaine Tech	<50	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/14/11	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/18/12	Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-12	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/08/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-12	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-12	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	10/30/19	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	05/02/23	BT for Jacobs	<50	76	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/25/96	GSI	<50	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
WCW-13	07/09/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	<5	----	----	----	----
WCW-13	01/05/98	GTI	<500	<100	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
WCW-13	05/18/98	Terra Services	----	----	<0.50	<0.50	<0.50	<1	<0.50	1.4	----	----	----	----
WCW-13	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/06/99	Alton Geoscience	<500	<500	0.88	3.1	<0.50	0.87	<1	<0.50	----	----	----	----
WCW-13	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.8	<0.50	----	----	----	----
WCW-13	08/28/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	11/30/00	IT Corporation	<300	----	0.6	<0.50	<0.50	<0.50	1	<0.50	----	----	----	----
WCW-13	02/05/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	0.6	<0.50	----	----	----	----
WCW-13	09/18/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	1	<0.50	----	----	----	----
WCW-13	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	01/30/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	07/30/02	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-13	01/28/03	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	07/30/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	01/28/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/10/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	07/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/03/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	08/02/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/28/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	09/20/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	12/08/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/13/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	08/28/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-13	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/21/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	08/13/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	02/23/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-13	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/20/09	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/27/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-13	03/15/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	05/24/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/12/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/08/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/10/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/11/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/11/11	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/09/12	CH2M Hill	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	07/09/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/16/12	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	01/14/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/09/13	CHHL	<50	<100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-13	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	04/22/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	04/18/17	BT for CH2MHill	<50	450	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/07/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	04/17/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	10/30/19	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/05/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/03/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/04/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/03/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-13	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/98	GTI	<300	----	<0.50	<0.50	<0.50	<0.50	1.5	<0.50	----	----	----	----
WCW-14	05/06/99	Alton Geoscience	<500	<500	1.8	6.6	0.55	3.0	<1	<0.50	----	----	----	----
WCW-14	11/17/99	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	05/18/00	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	11/30/00	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023

Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
WCW-14	05/09/01	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	11/08/01	IT Corporation	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	04/09/02	Secor	<300	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	10/24/02	GTI	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
WCW-14	04/09/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	05/10/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	11/03/04	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	11/05/05	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/05/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	12/08/06	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/01/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	11/13/07	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	----	----	----	----
WCW-14	10/17/08	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/21/09	Blaine Tech for AMEC	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/27/09	Blaine Tech	<100	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	05/25/10	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/07/10	Blaine Tech	<100	----	<0.50	----	----	----	<0.50	<0.50	<10	----	----	----
WCW-14	04/12/11	Blaine Tech	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/14/11	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/17/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/18/12	Parsons	----	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<2	<2	<2
WCW-14	04/09/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/08/13	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	04/15/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
WCW-14	10/28/14	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	04/23/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	10/21/15	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	04/12/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	10/04/16	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	04/19/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	10/03/17	BT for CH2MHill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	04/17/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/06/18	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	04/17/19	BT for Jacobs	<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	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/06/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/20	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/05/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/03/21	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/10/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/02/22	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.79	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	05/02/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.78	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	11/07/23	BT for Jacobs	<50	<50	<0.50	<0.50	<0.50	<0.50	0.75	<0.50	<10	<1.0	<1.0	<1.0

Notes: Detected concentrations are shown in **bold**.
 TPH = total petroleum hydrocarbons

MTBE = methyl tertiary-butyl ether
 TBA = tertiary-butyl alcohol

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2023
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Date	Sampled By	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Xylenes (µg/L)	1,2-DCA (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)
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BTEX Compounds = benzene, toluene, ethylbenzene, and total xylenes
 1,2-DCA = 1,2-dichloroethane
 TPH-g = total petroleum hydrocarbons as gasoline
 TPH-fp = total petroleum hydrocarbons quantified using a site fuel product standard
 TPH-d = total petroleum hydrocarbons as diesel
 TPH-JP-4 = total petroleum hydrocarbons as Jet Propellant No.4
 TPH-JP-5 = total petroleum hydrocarbons as Jet Propellant No.5

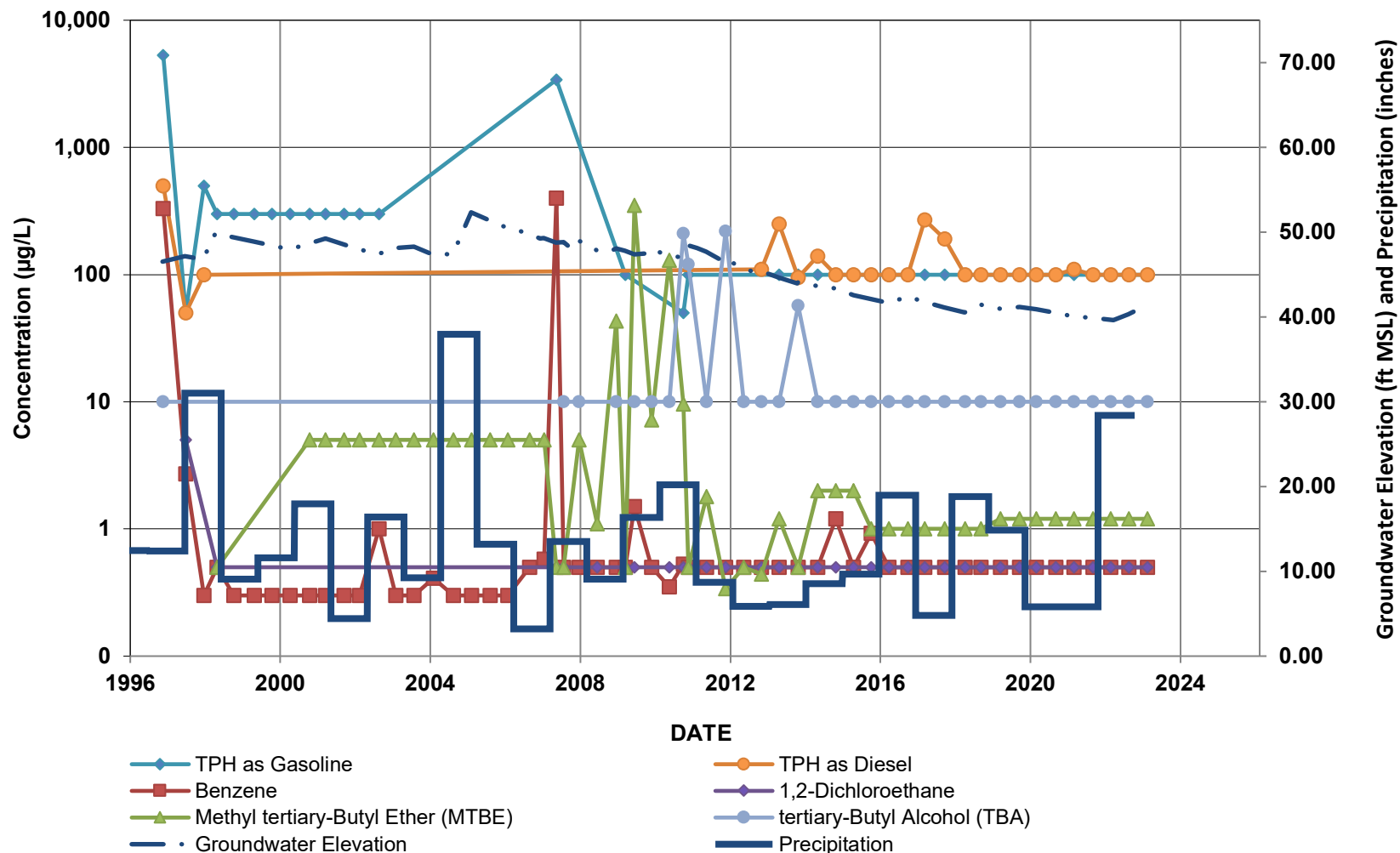
DIPE = diisopropyl ether
 ETBE = ethyl tertiary-butyl ether
 TAME = tertiary-amyl methyl ether
 <100 = not detected at or above the indicated laboratory reporting limit
 ----- = not analyzed
 HD = Chromatographic pattern was inconsistent with the profile of the reference fuel standard.
 J = estimated concentration below the laboratory reporting limit

APPENDIX E
TIME-SERIES CHARTS

FORMER TANK FARM AREA

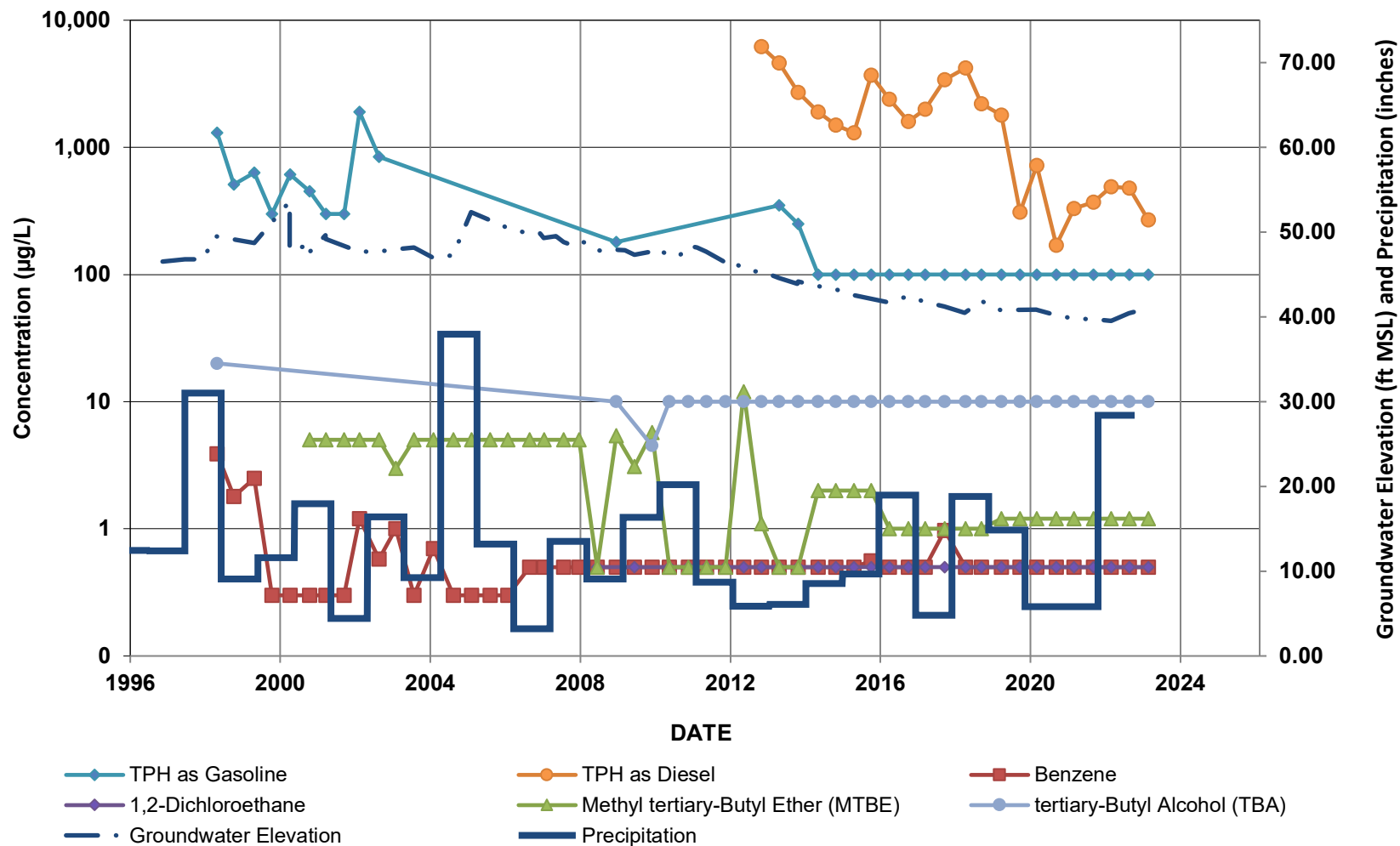
GMW-6, GMW-15, GMW-32, GMW-45, GMW-47, MW-23(MID), AND MW-26

GMW-6



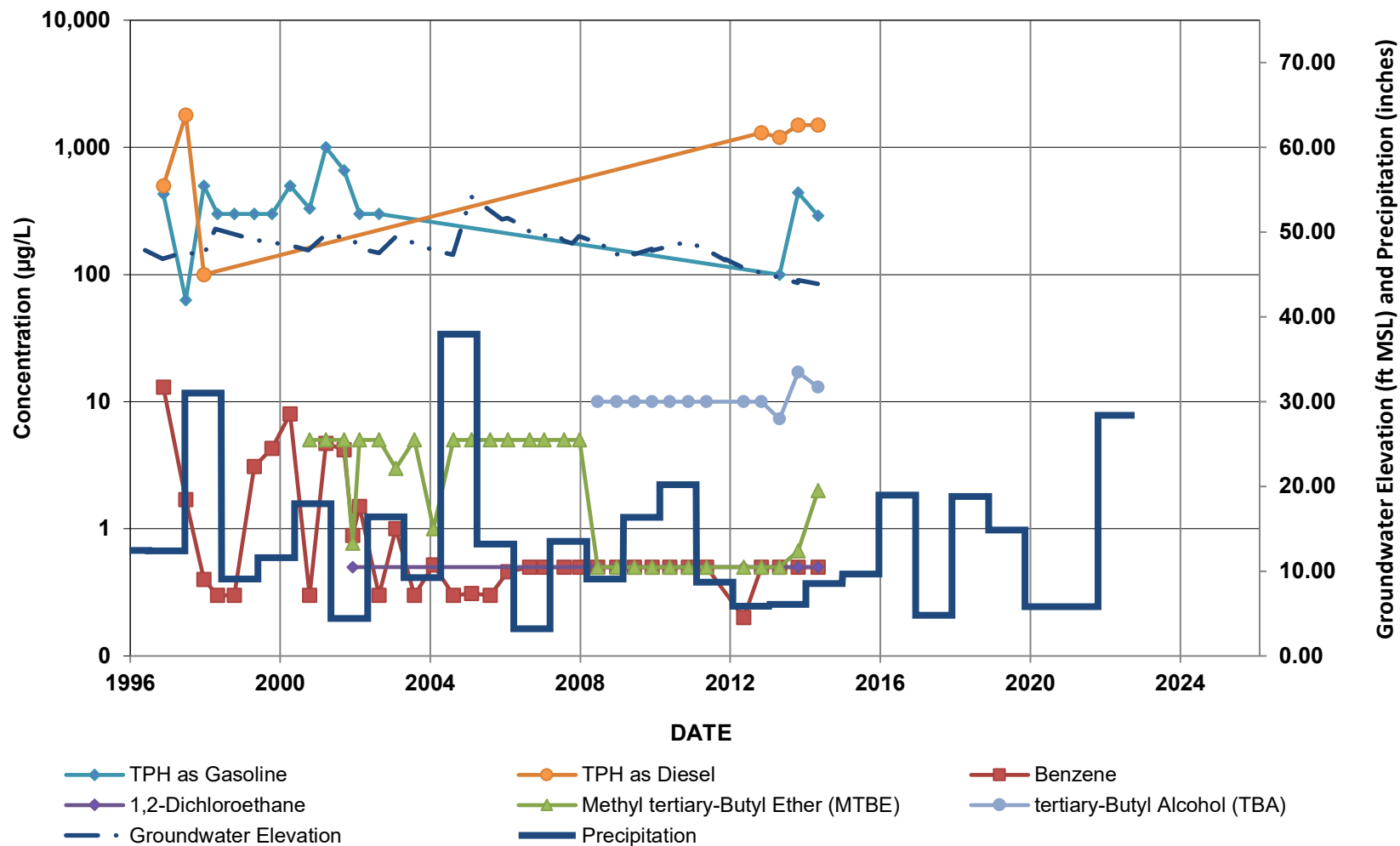
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-15



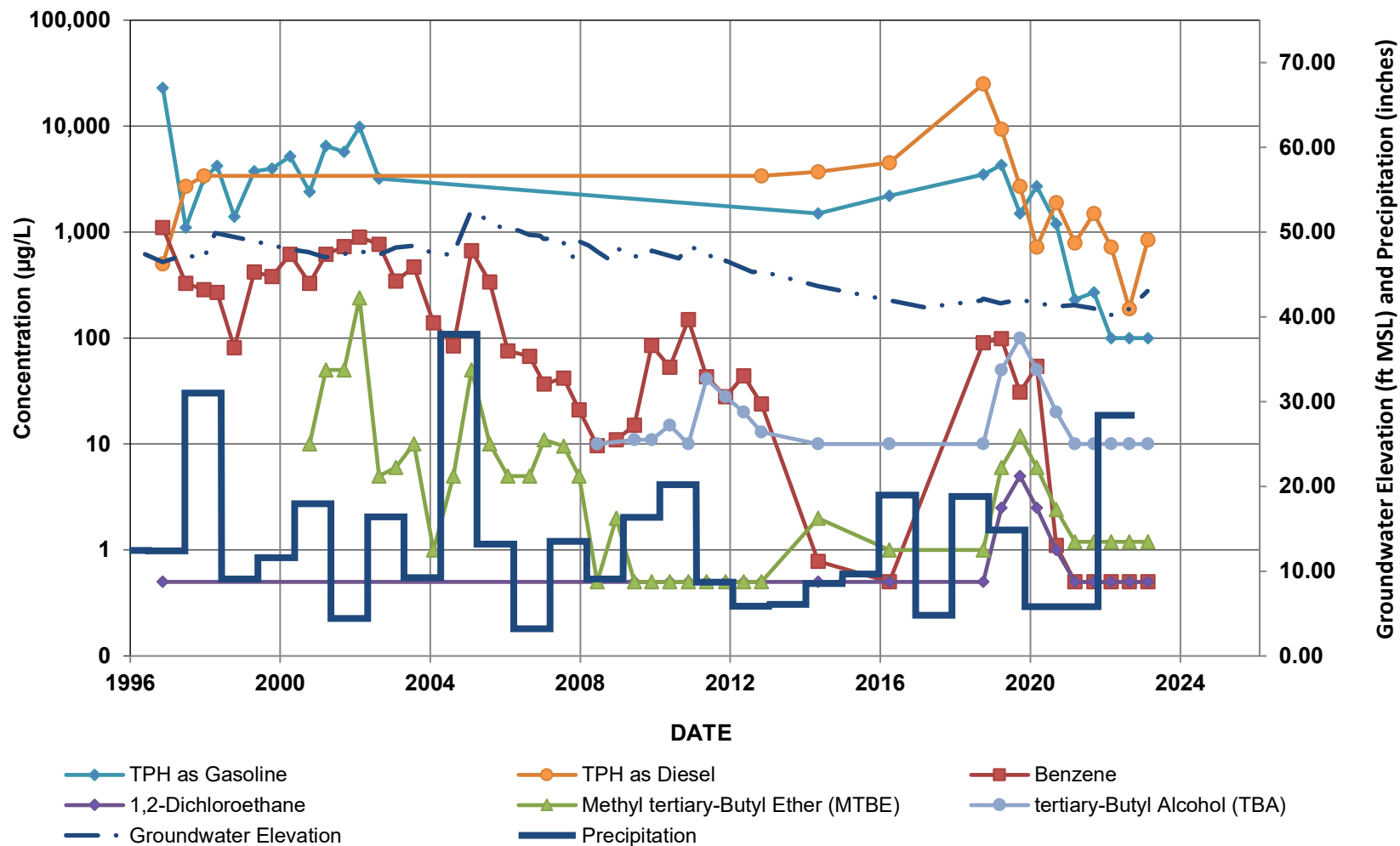
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-32



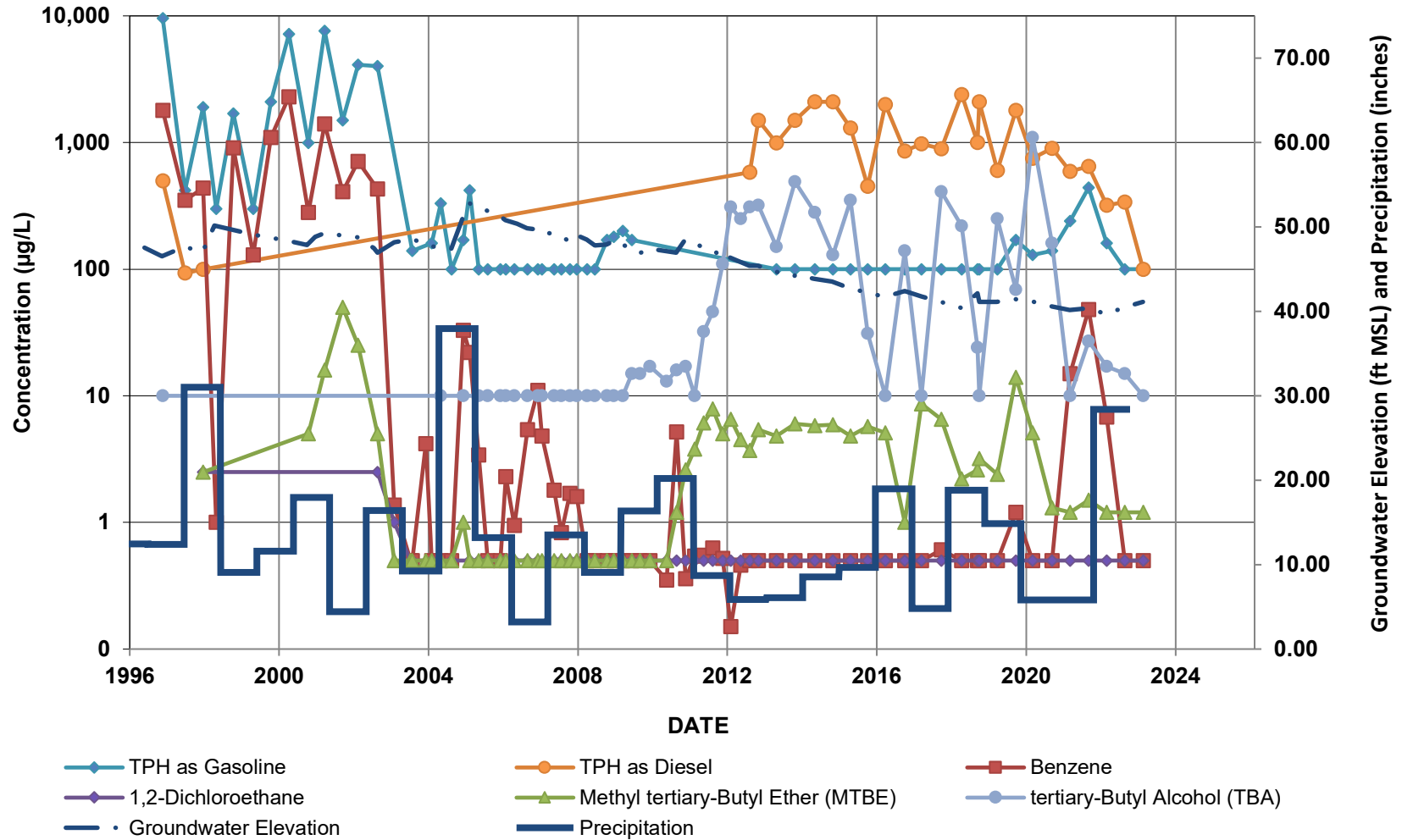
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-45



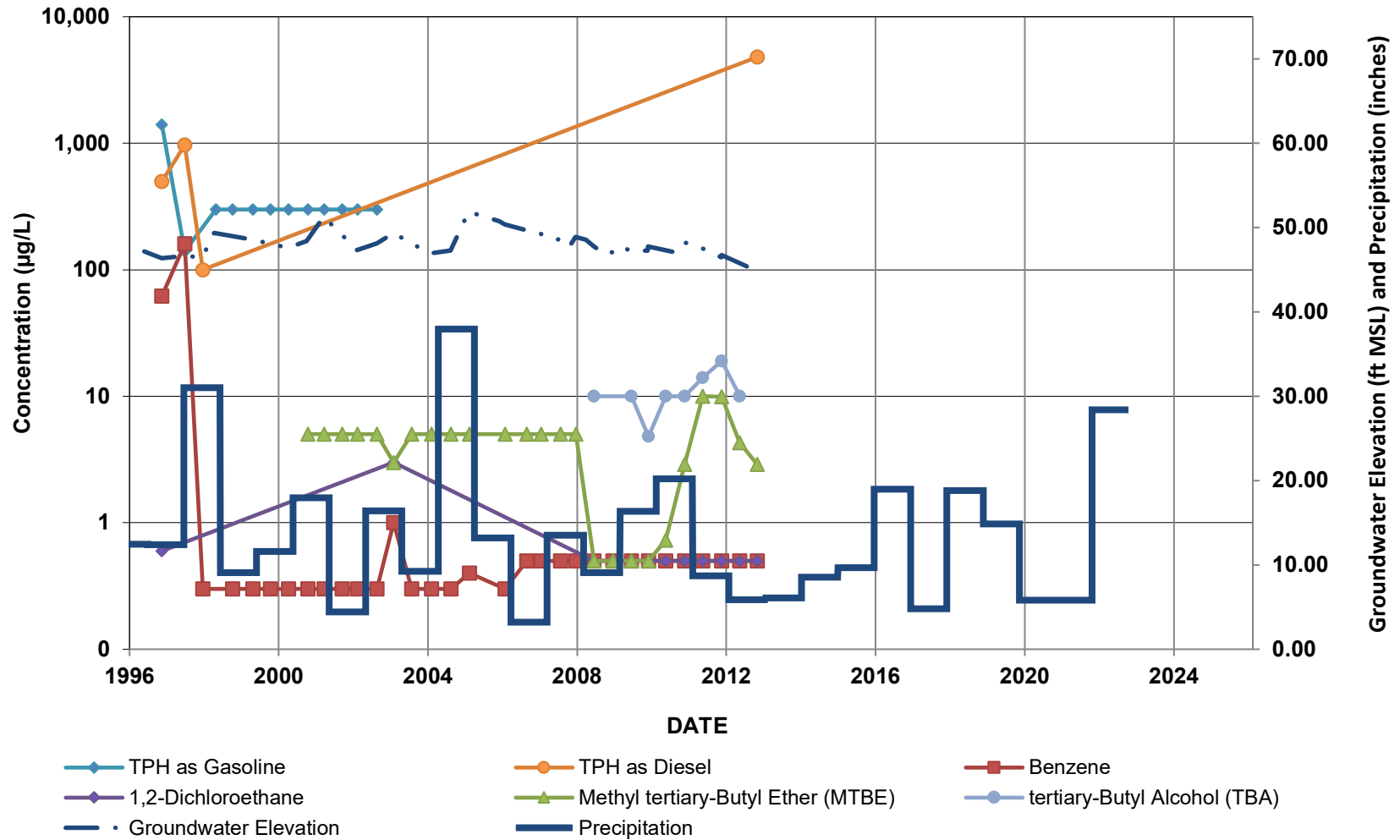
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-47



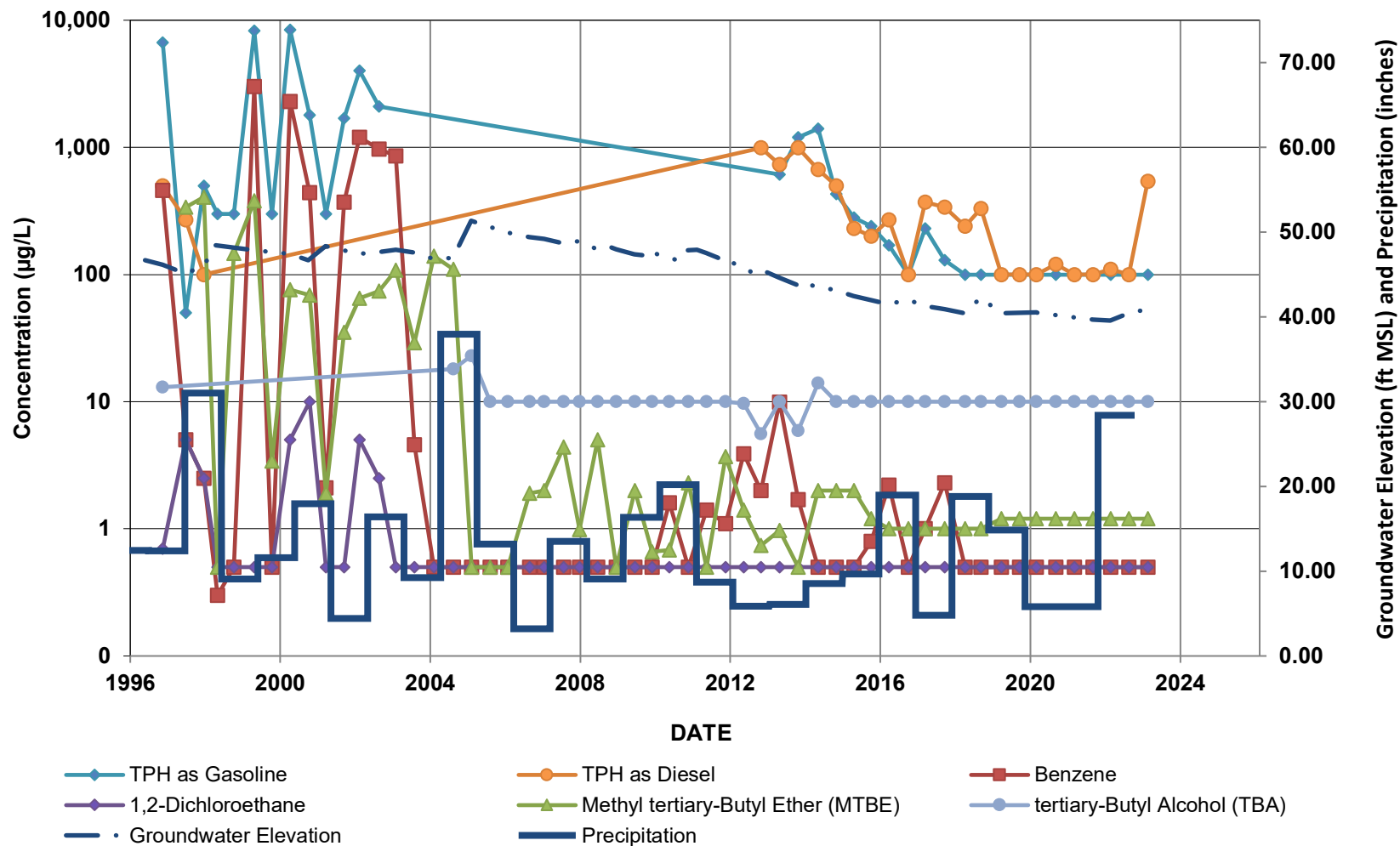
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-23(MID)



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-26

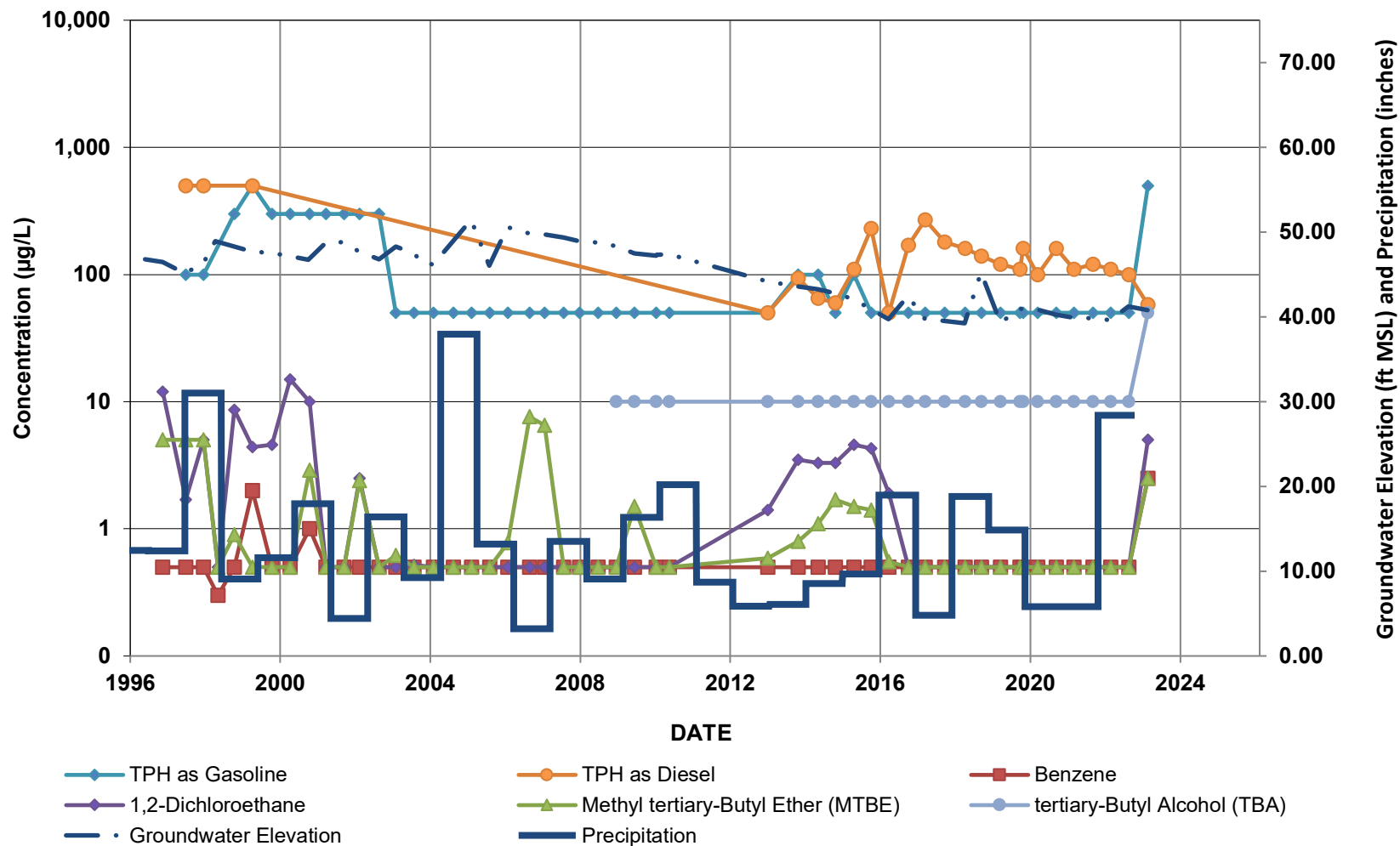


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

WESTERN AREA

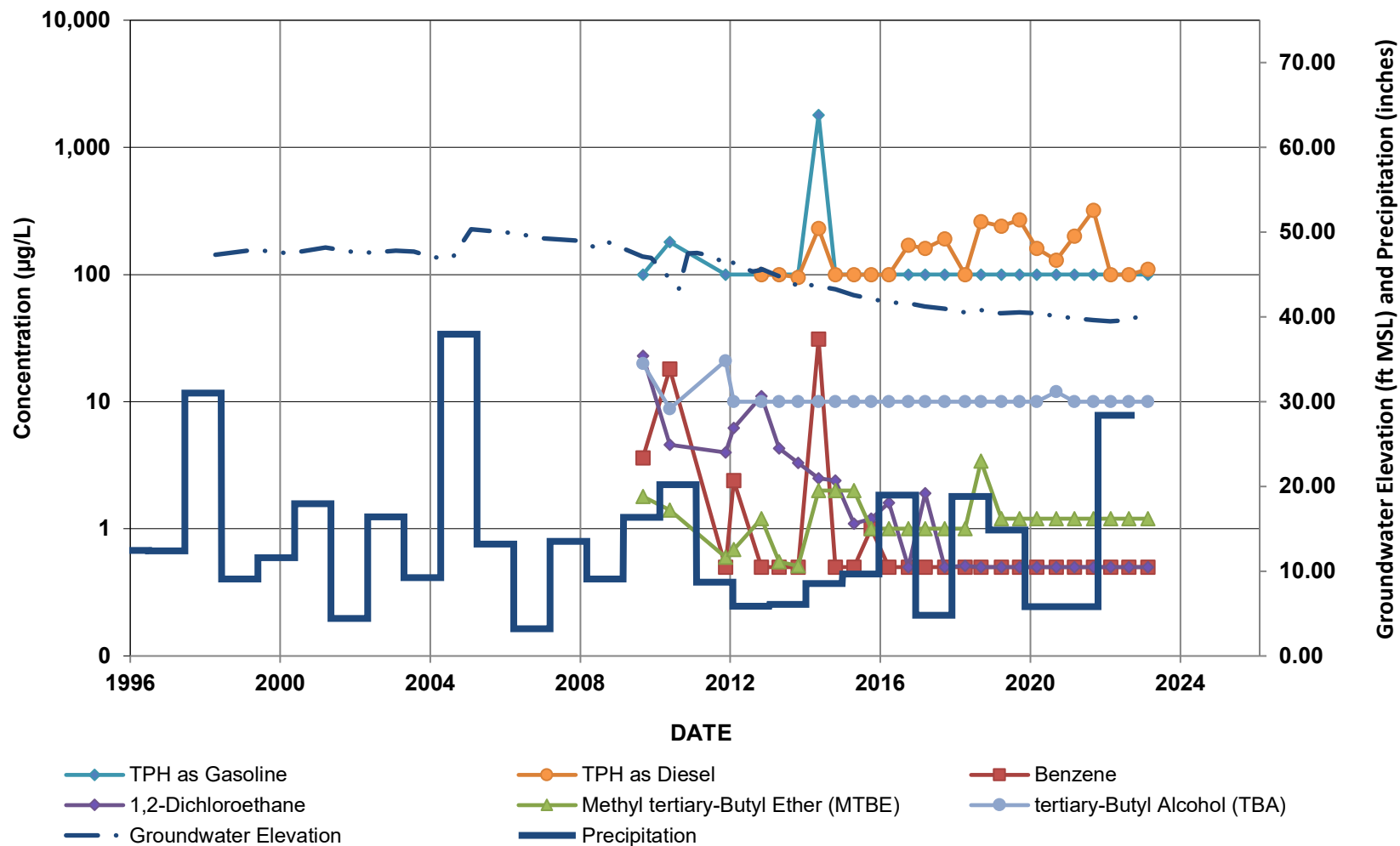
GMW-8, GW-2, GW-6, GW-13, MW-6, MW-7, MW-22(MID), MW-26, WCW-3, AND WCW-7

GMW-8



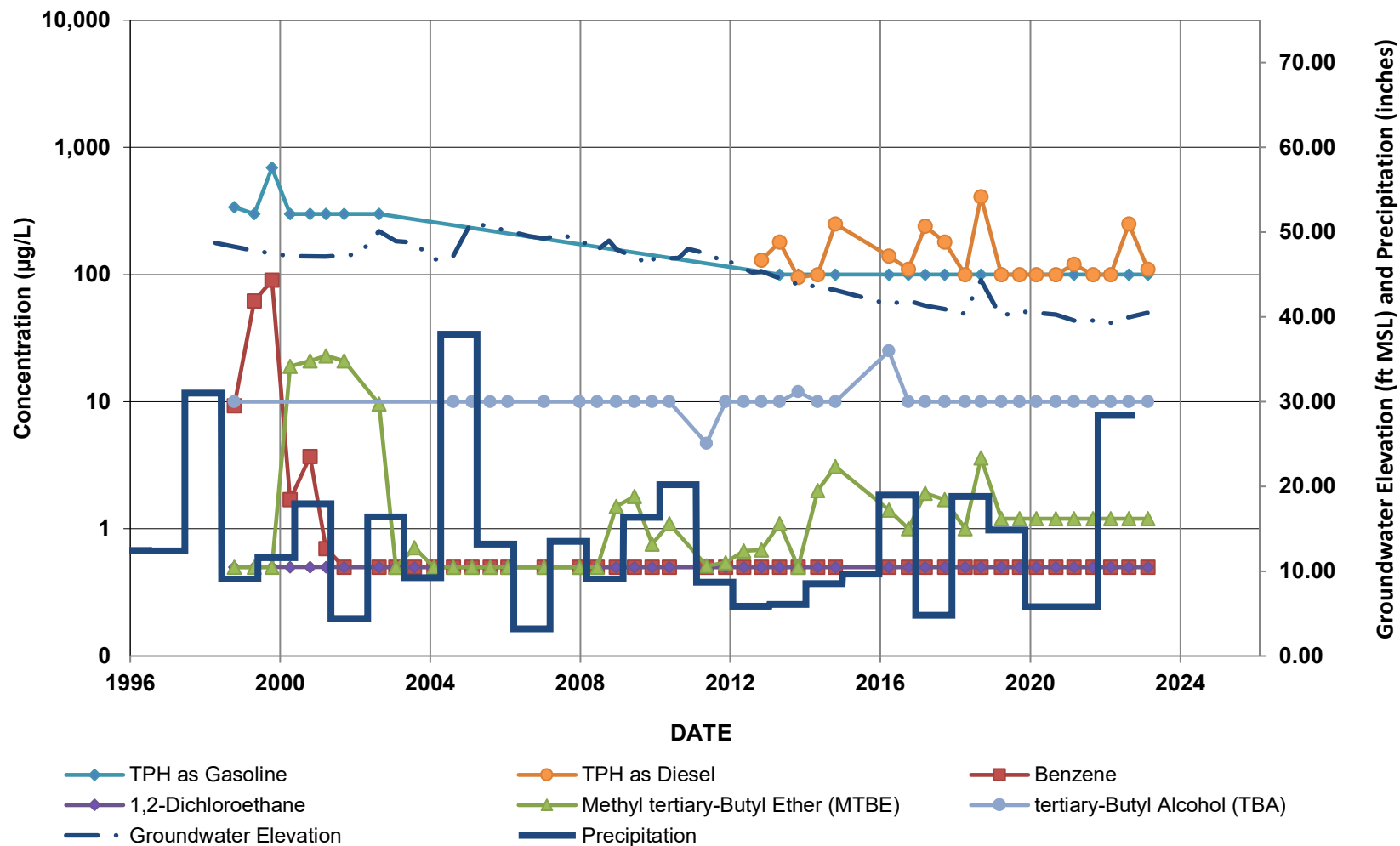
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GW-2



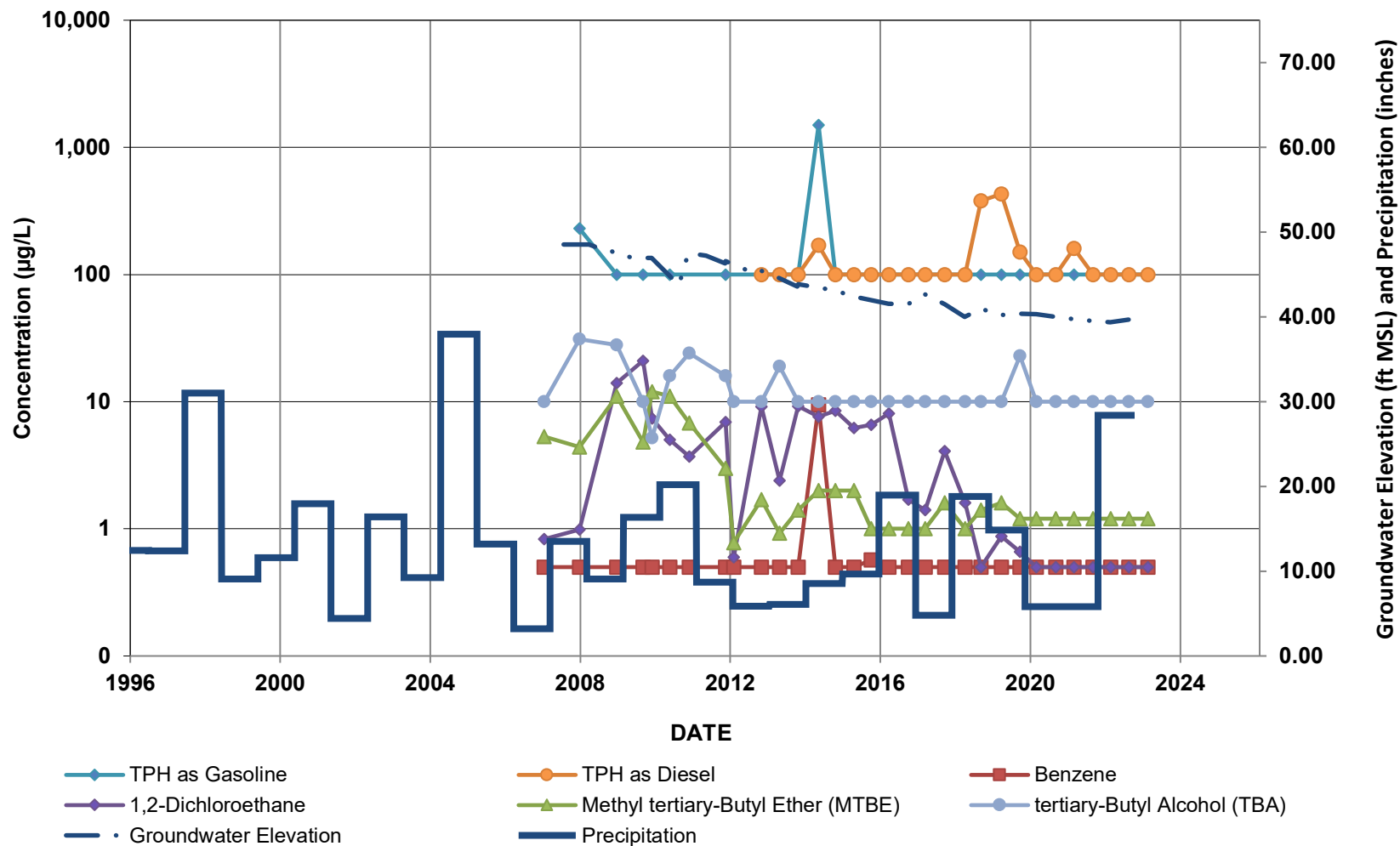
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GW-6



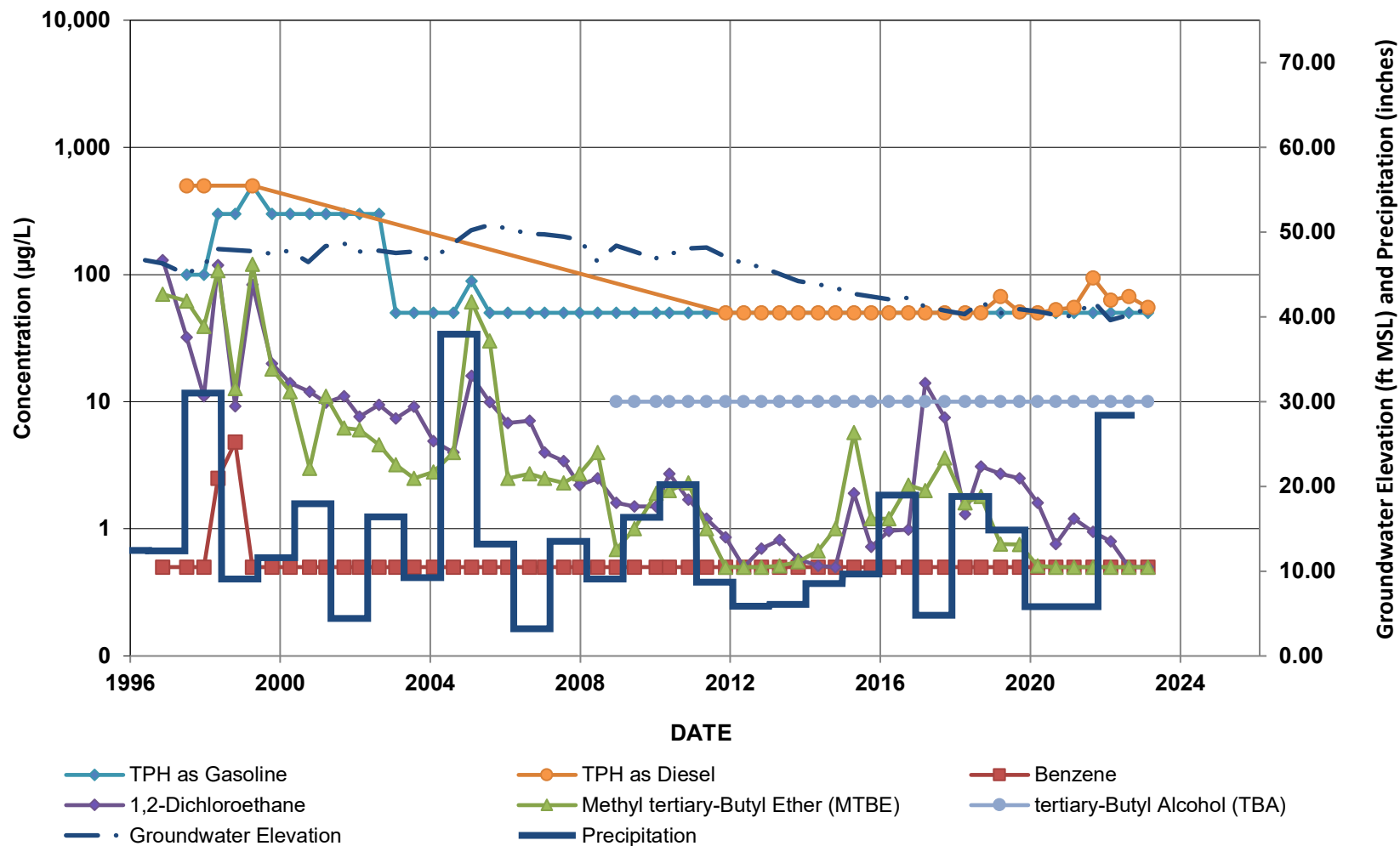
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GW-13



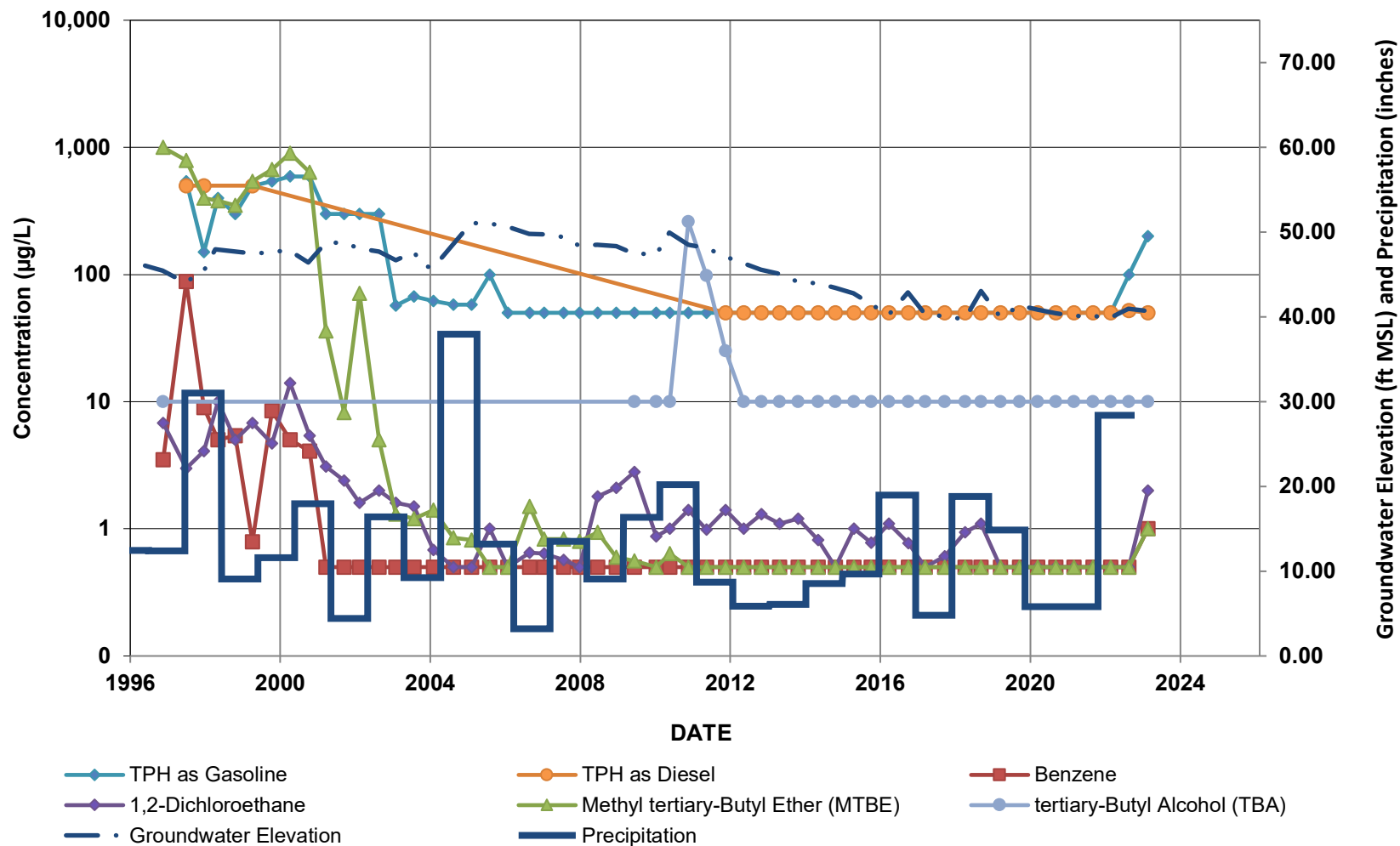
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-6



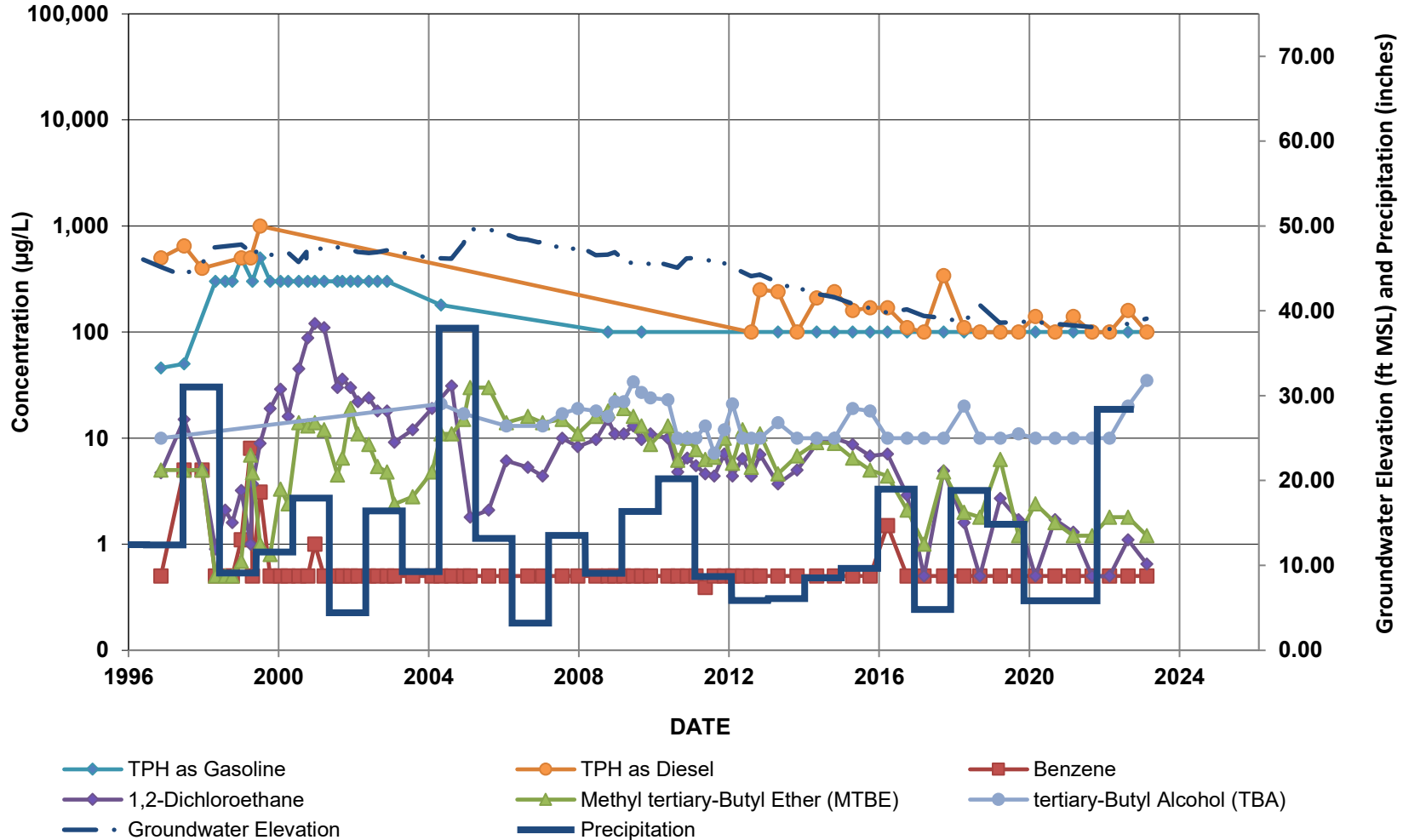
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-7



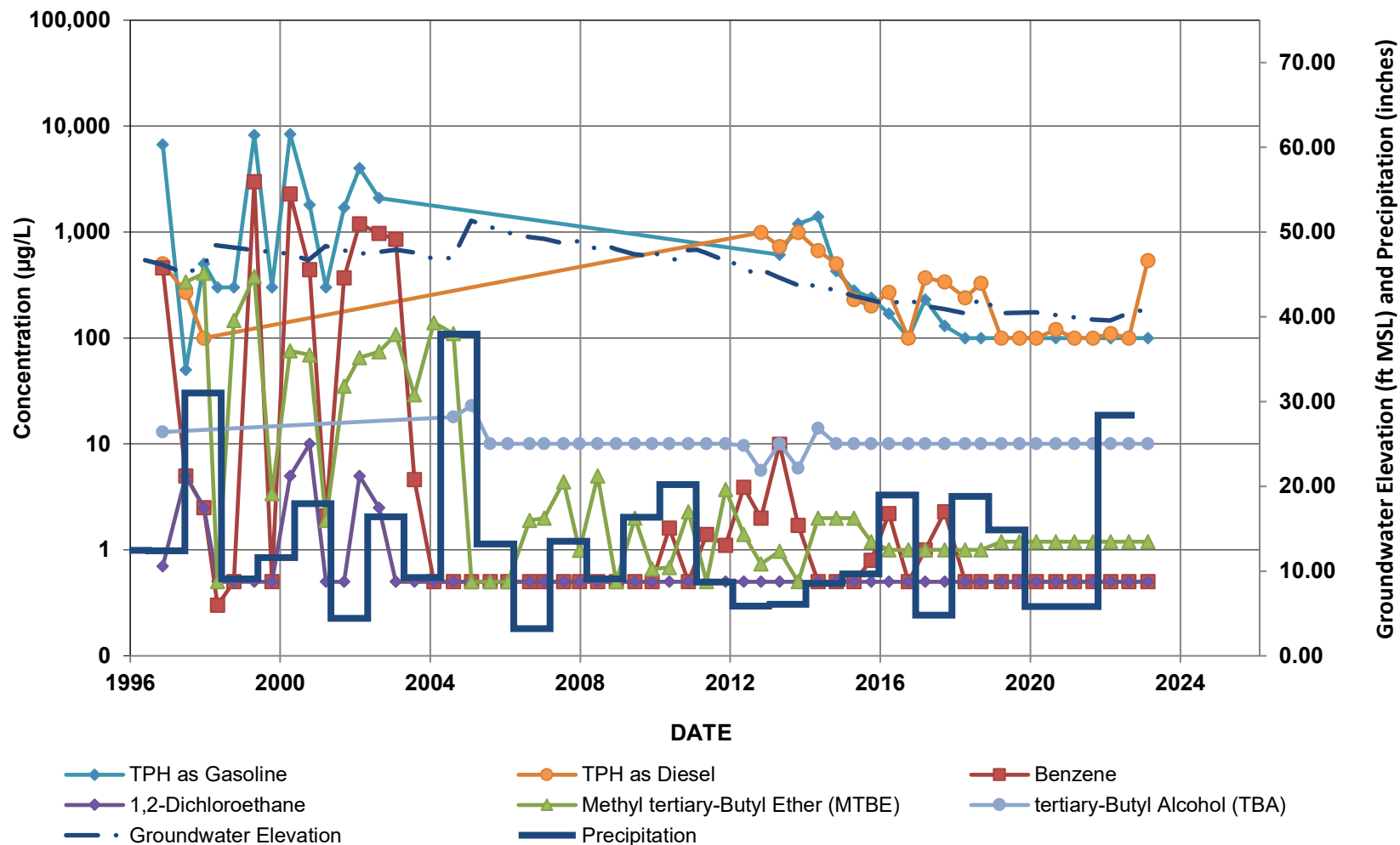
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-22(MID)



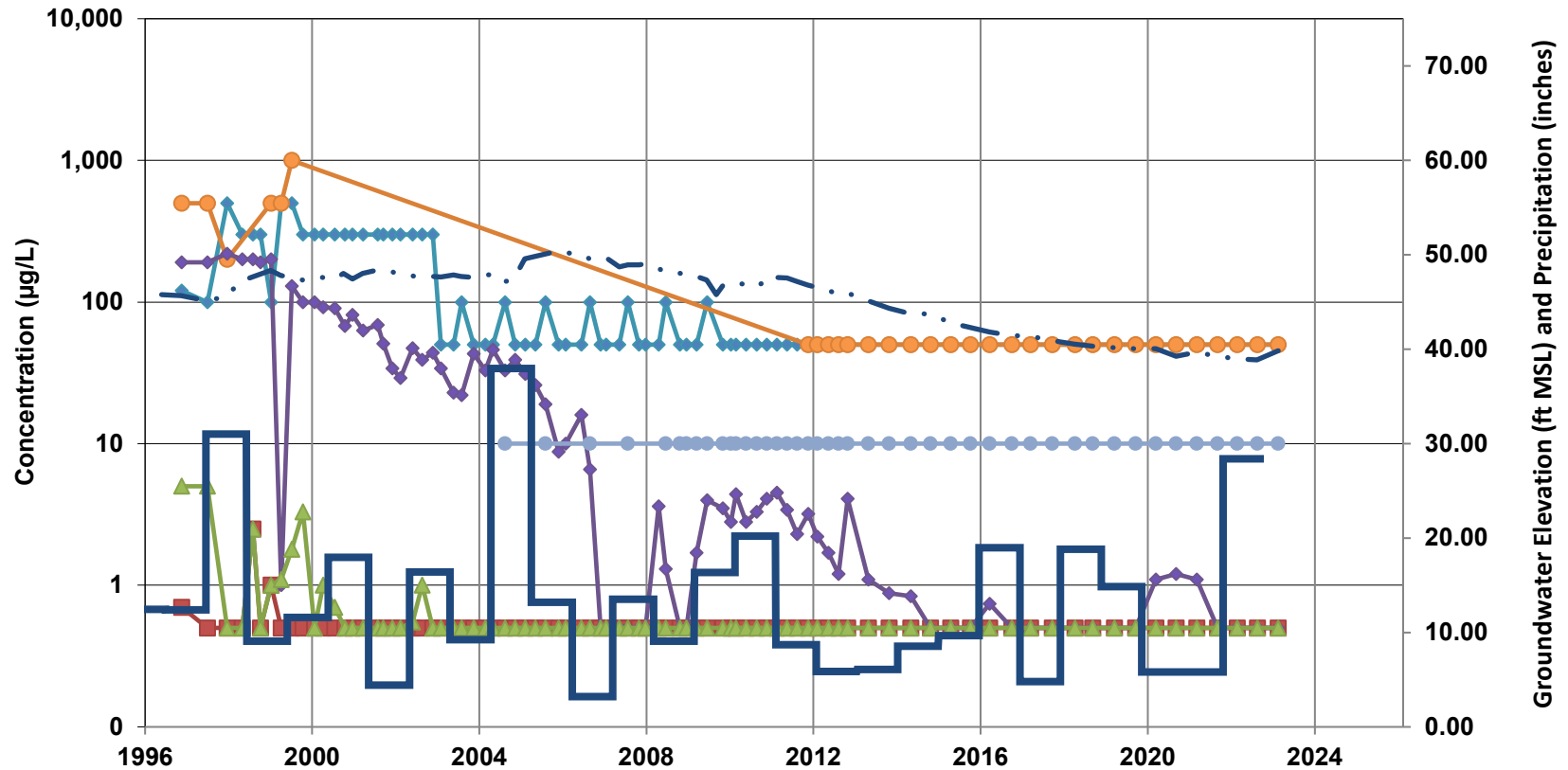
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-26



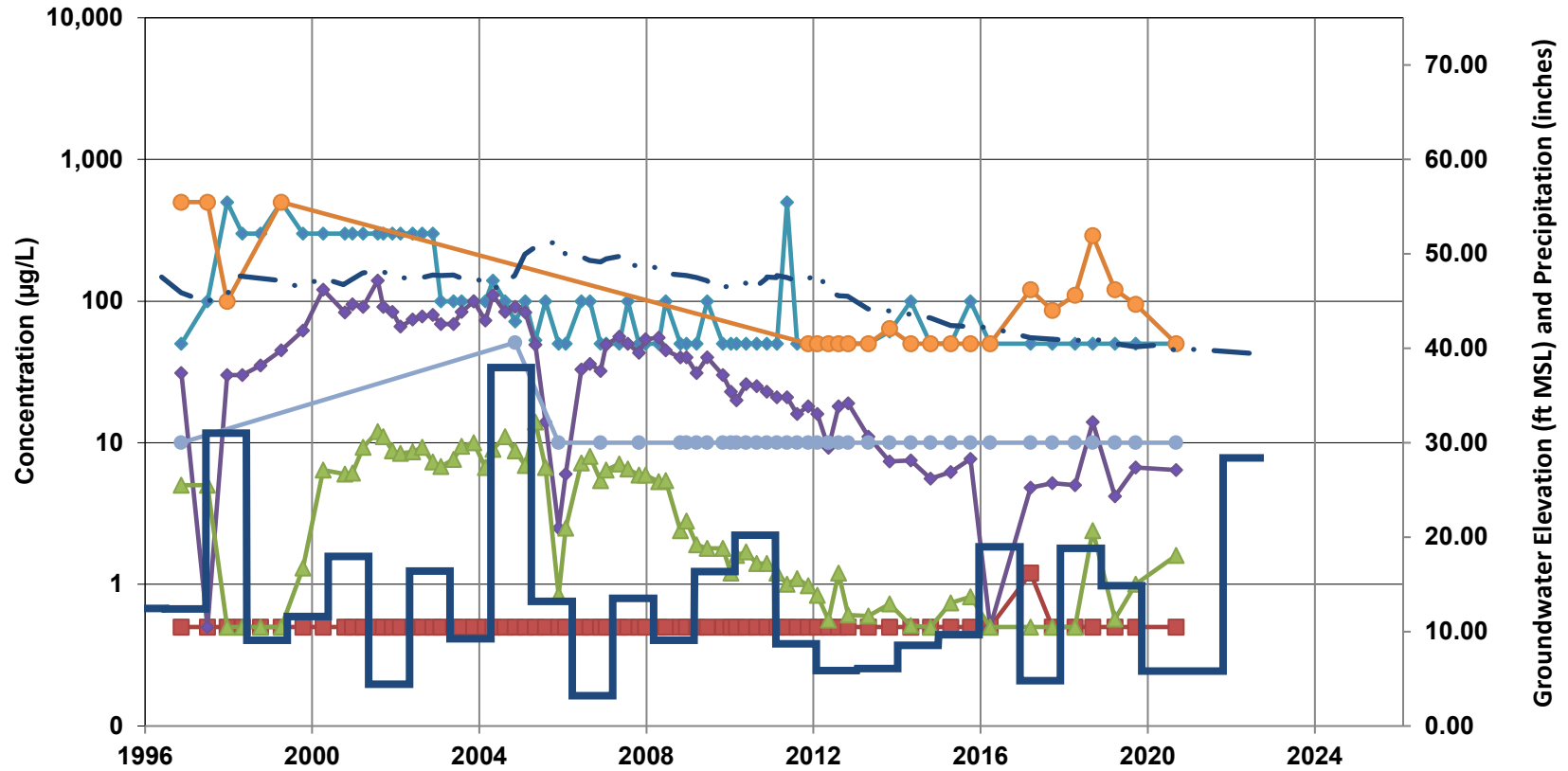
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

WCW-3



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

WCW-7



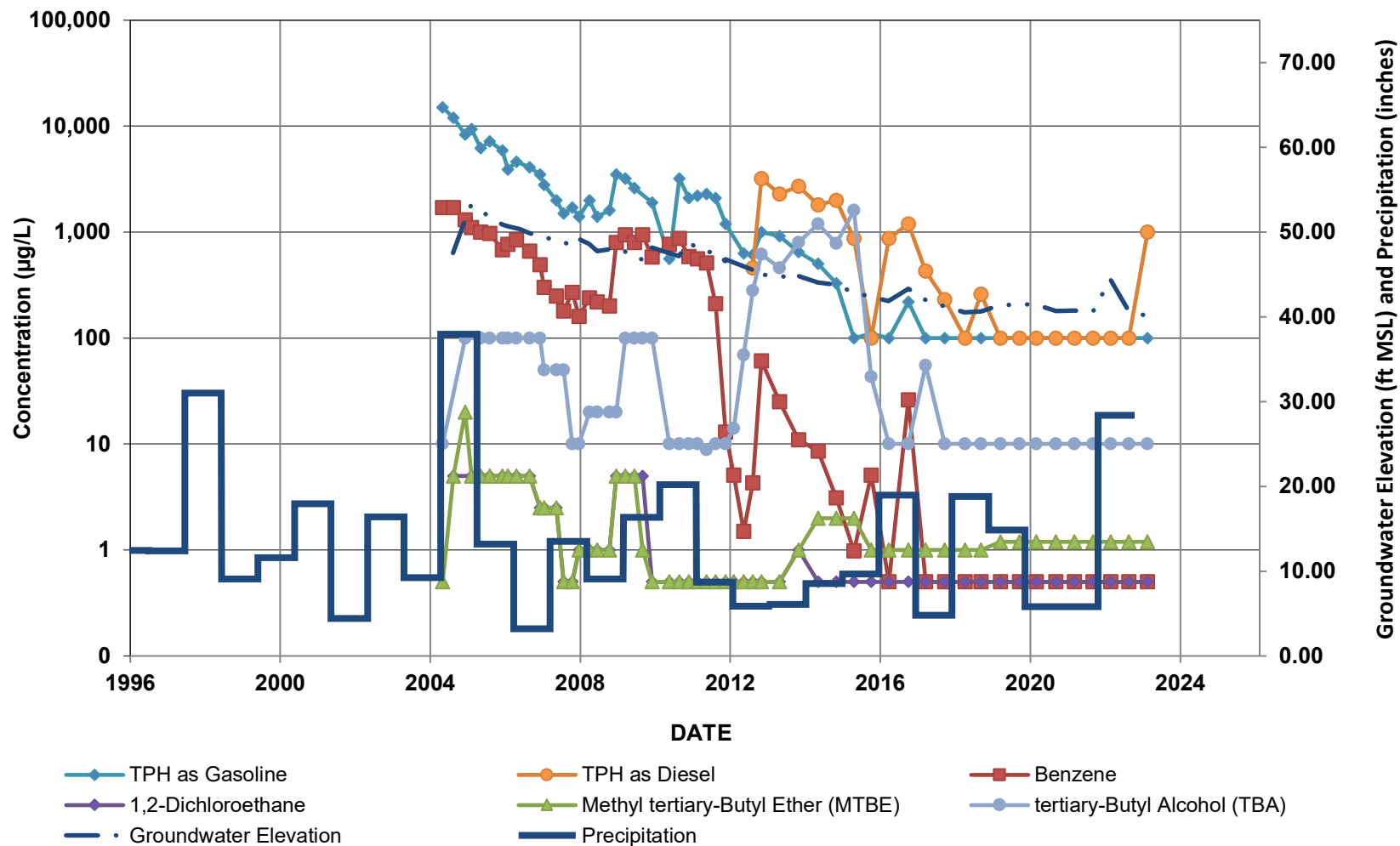
- TPH as Gasoline
- TPH as Diesel
- Benzene
- 1,2-Dichloroethane
- Methyl tertiary-Butyl Ether (MTBE)
- tertiary-Butyl Alcohol (TBA)
- Groundwater Elevation
- Precipitation

Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

NORTHEAST ON-SITE/HOLIFIELD PARK AREAS

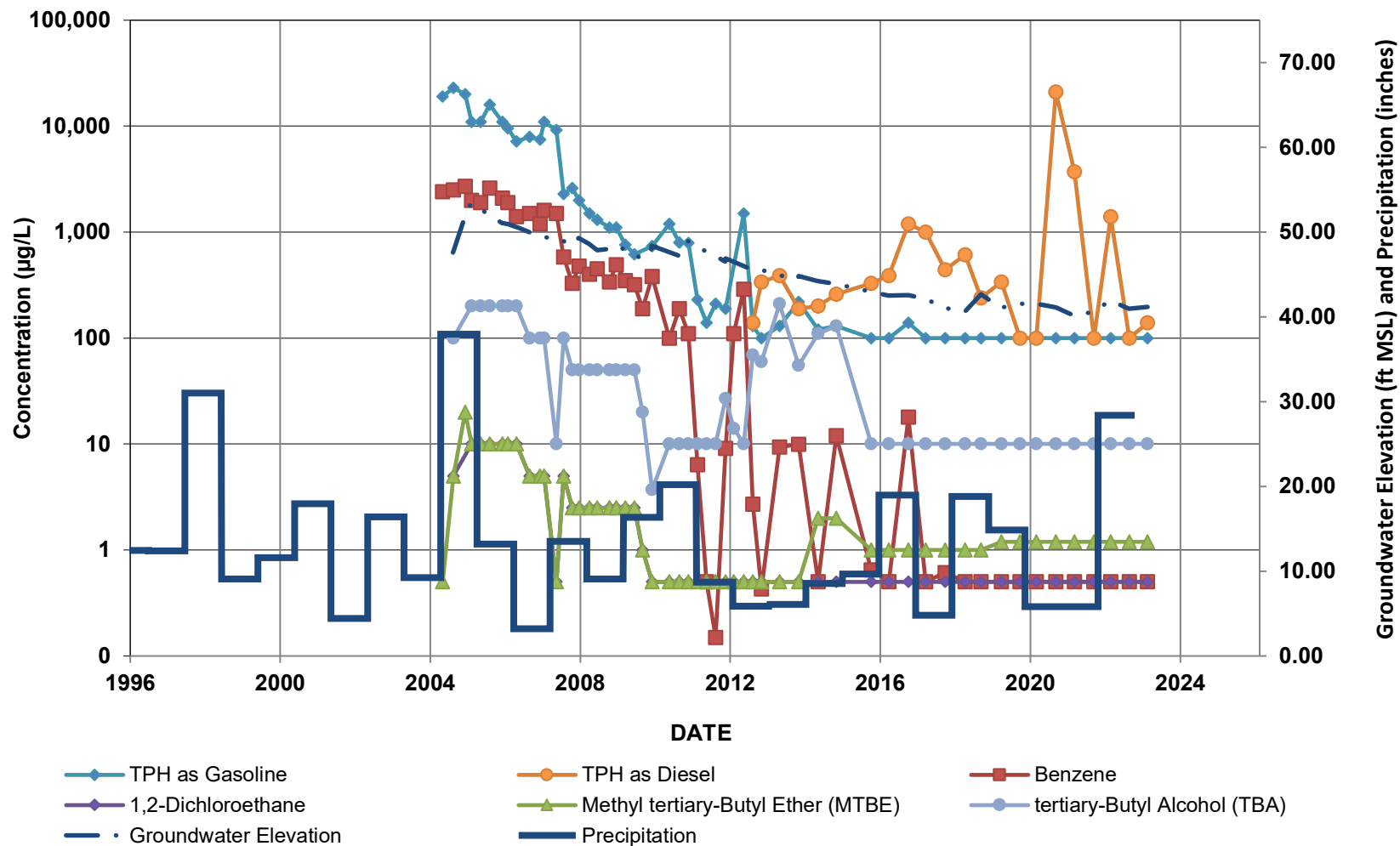
GMW-60, GMW-61, GMW-62, GMW-67, GMW-68, AND GMW-69

GMW-60



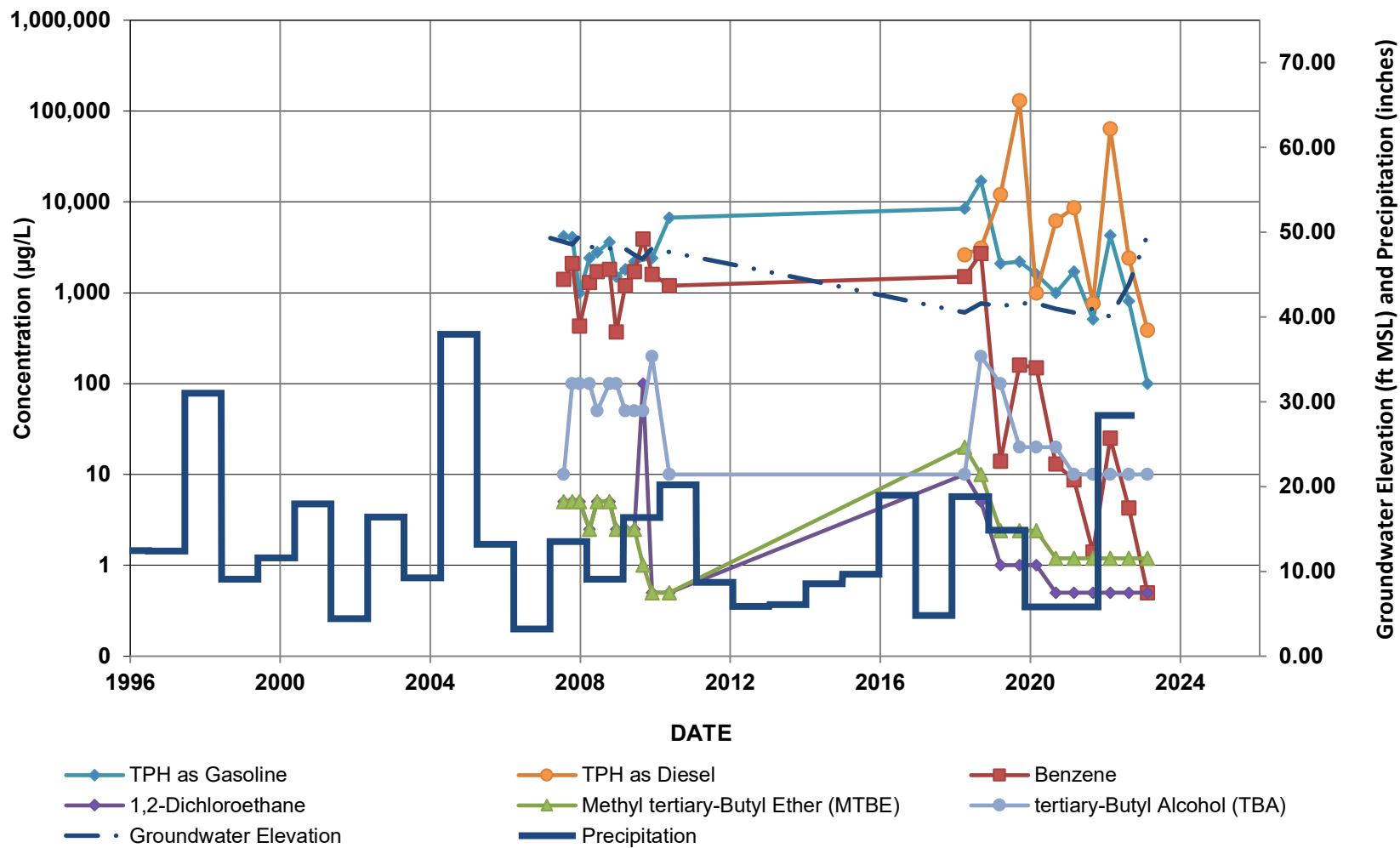
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-61



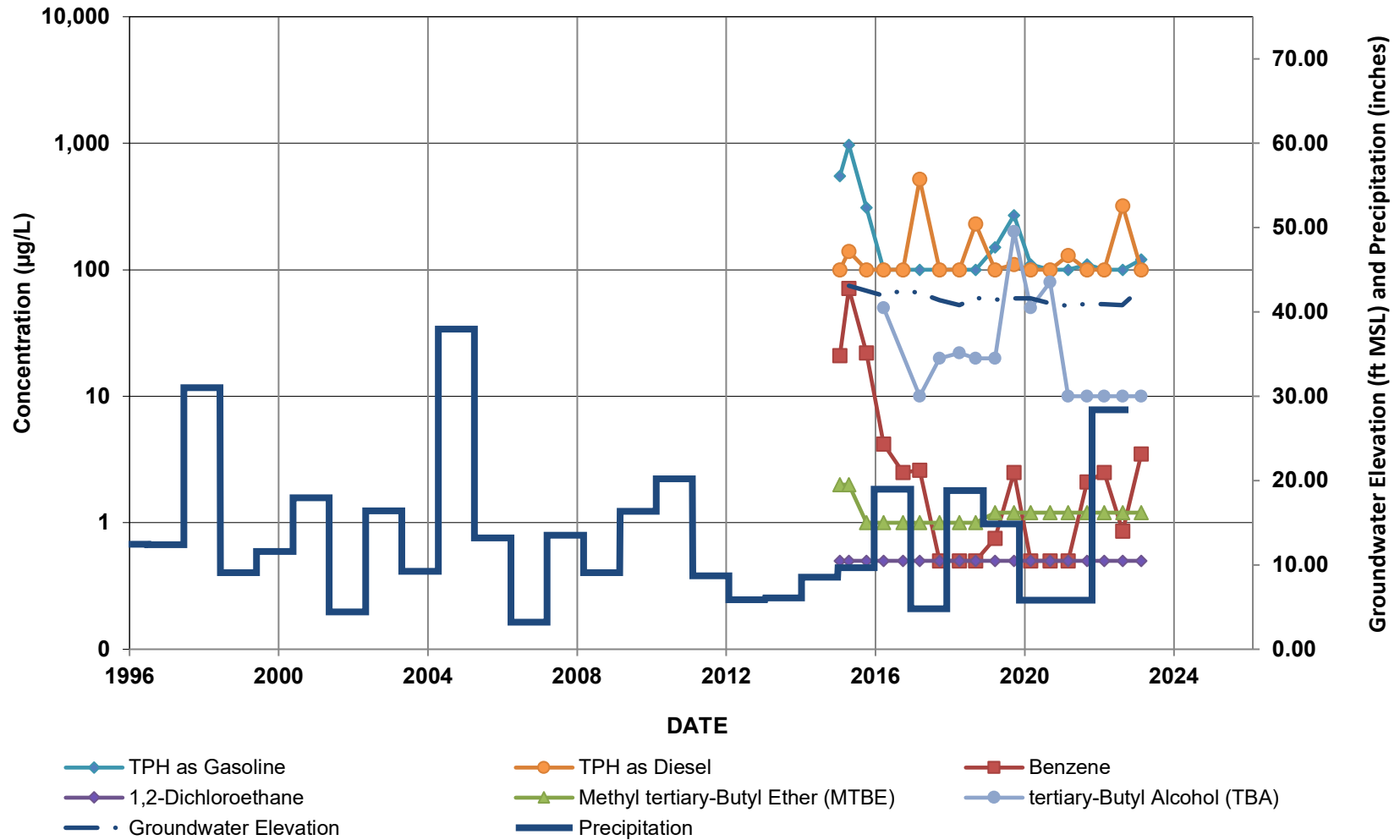
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-62



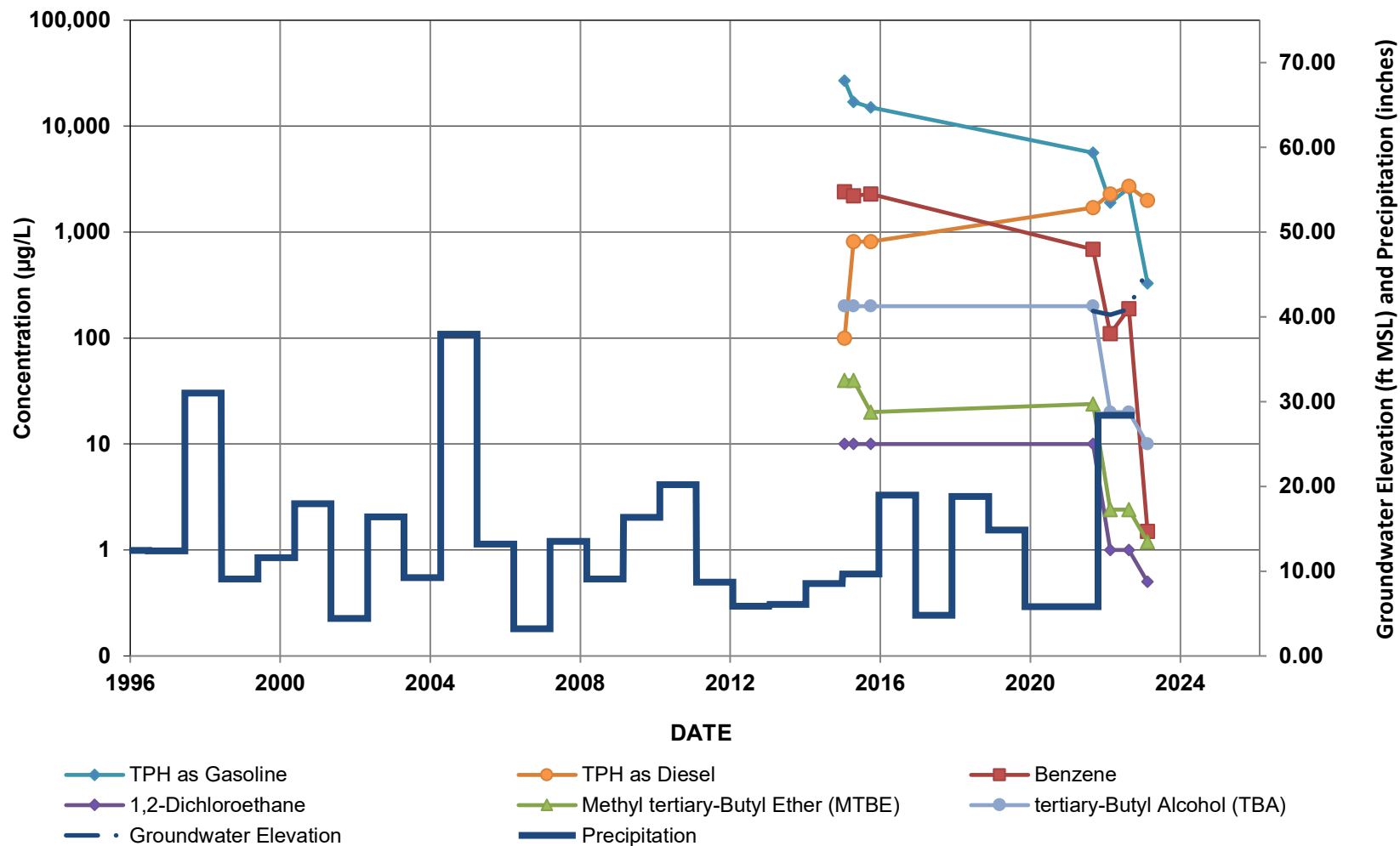
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-67



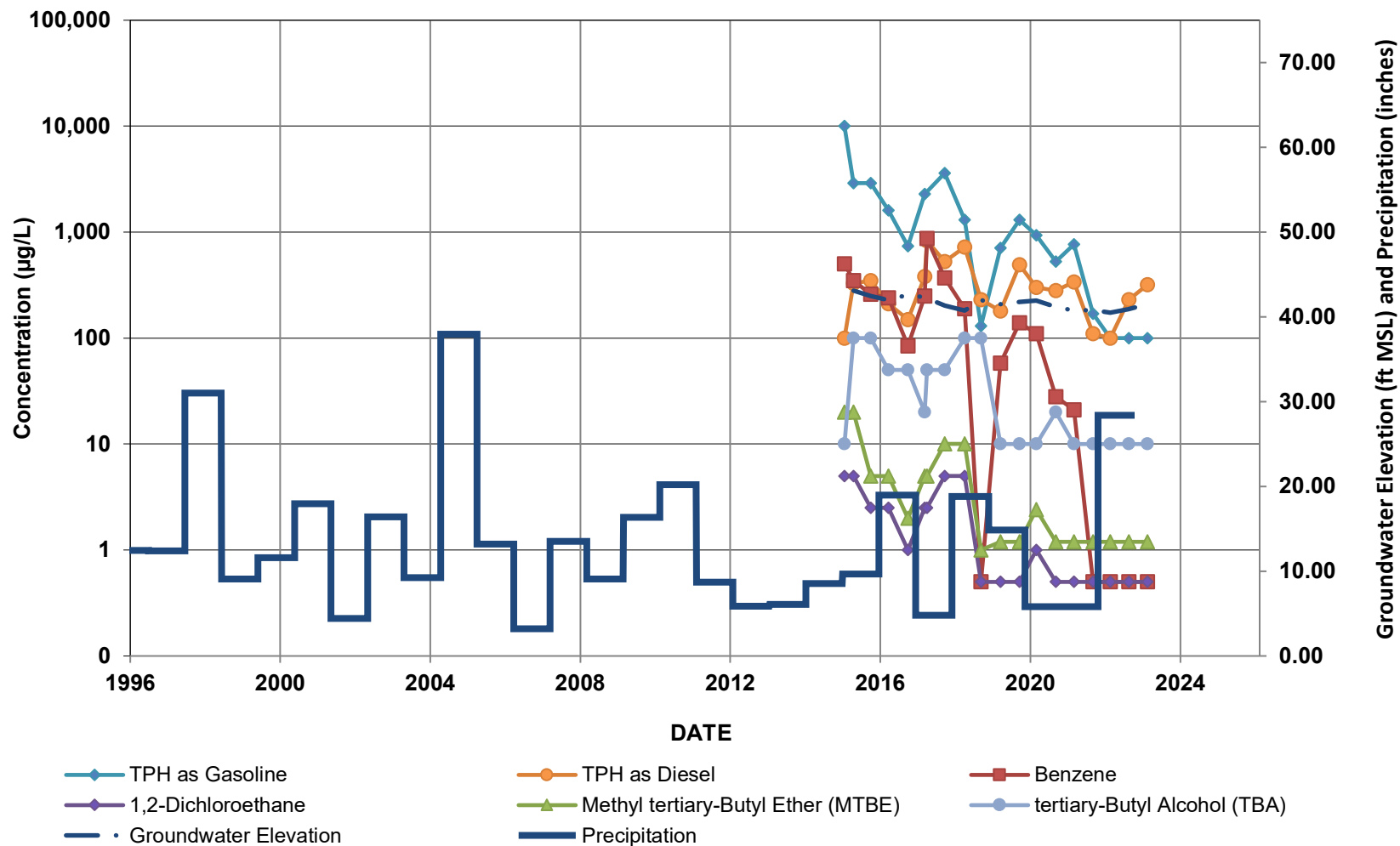
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-68



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-69

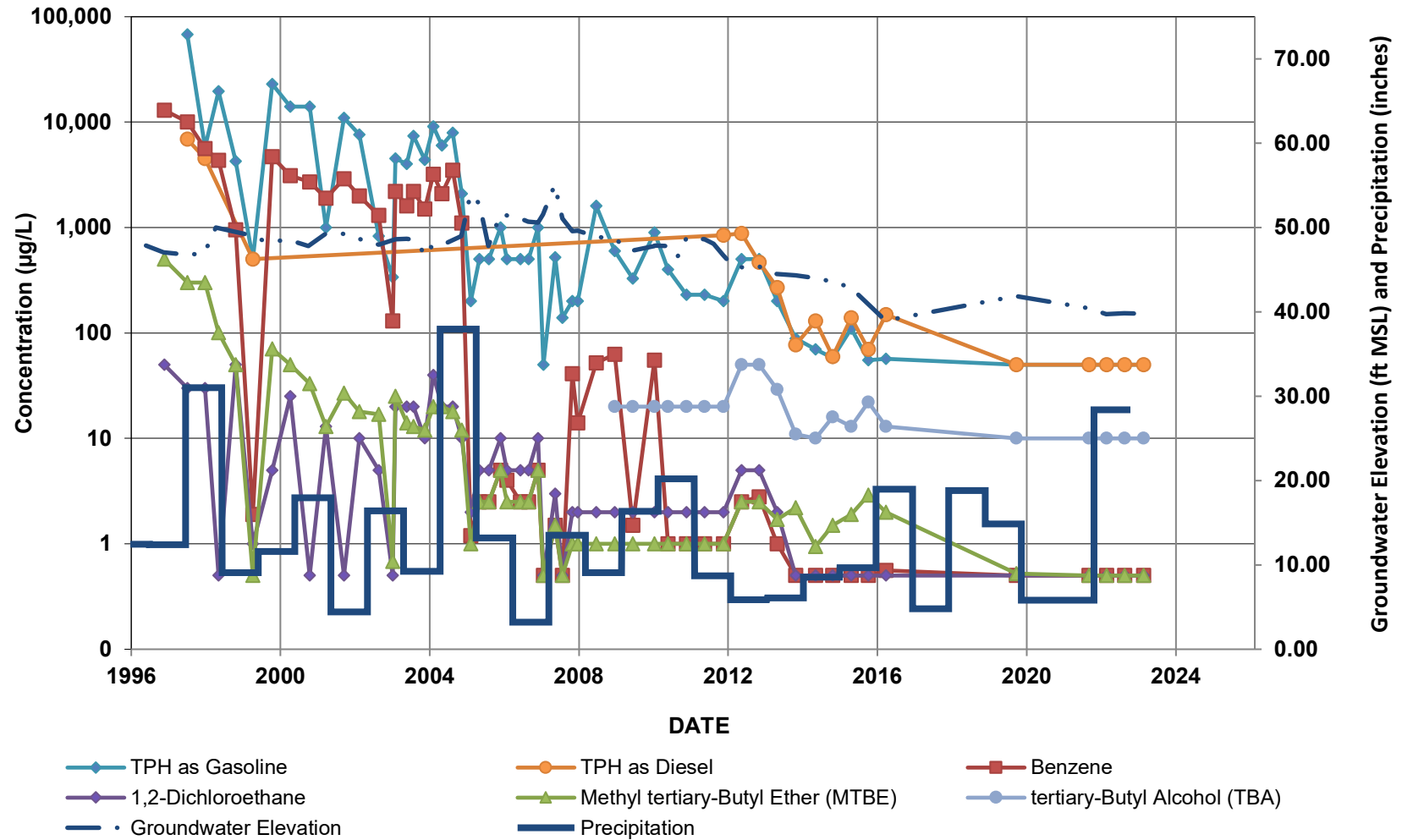


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

FORMER TRUCK-FUELING AREA

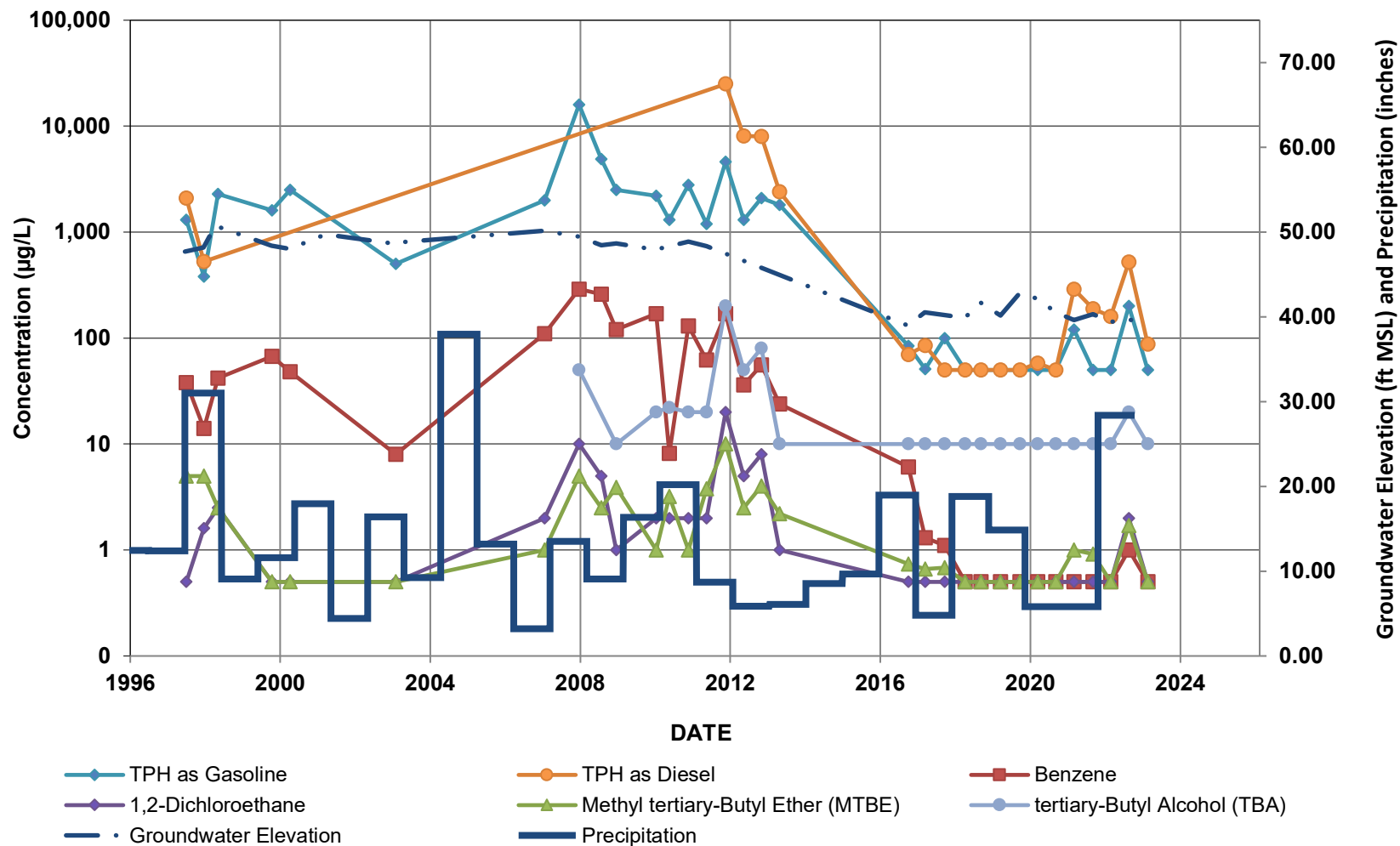
GMW-1, GMW-4, GMW-10, AND MW-15

GMW-1



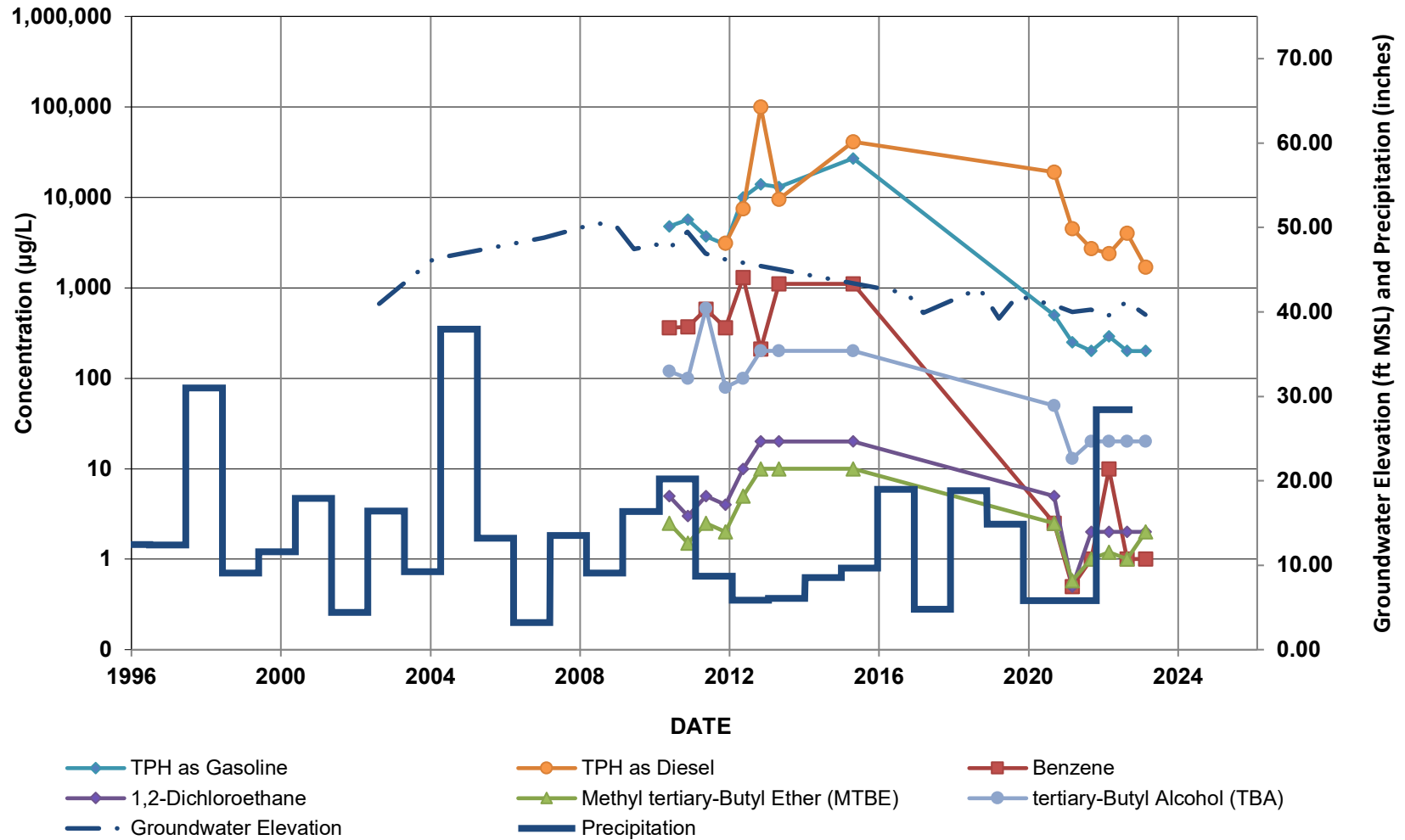
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-4/GMW-4R



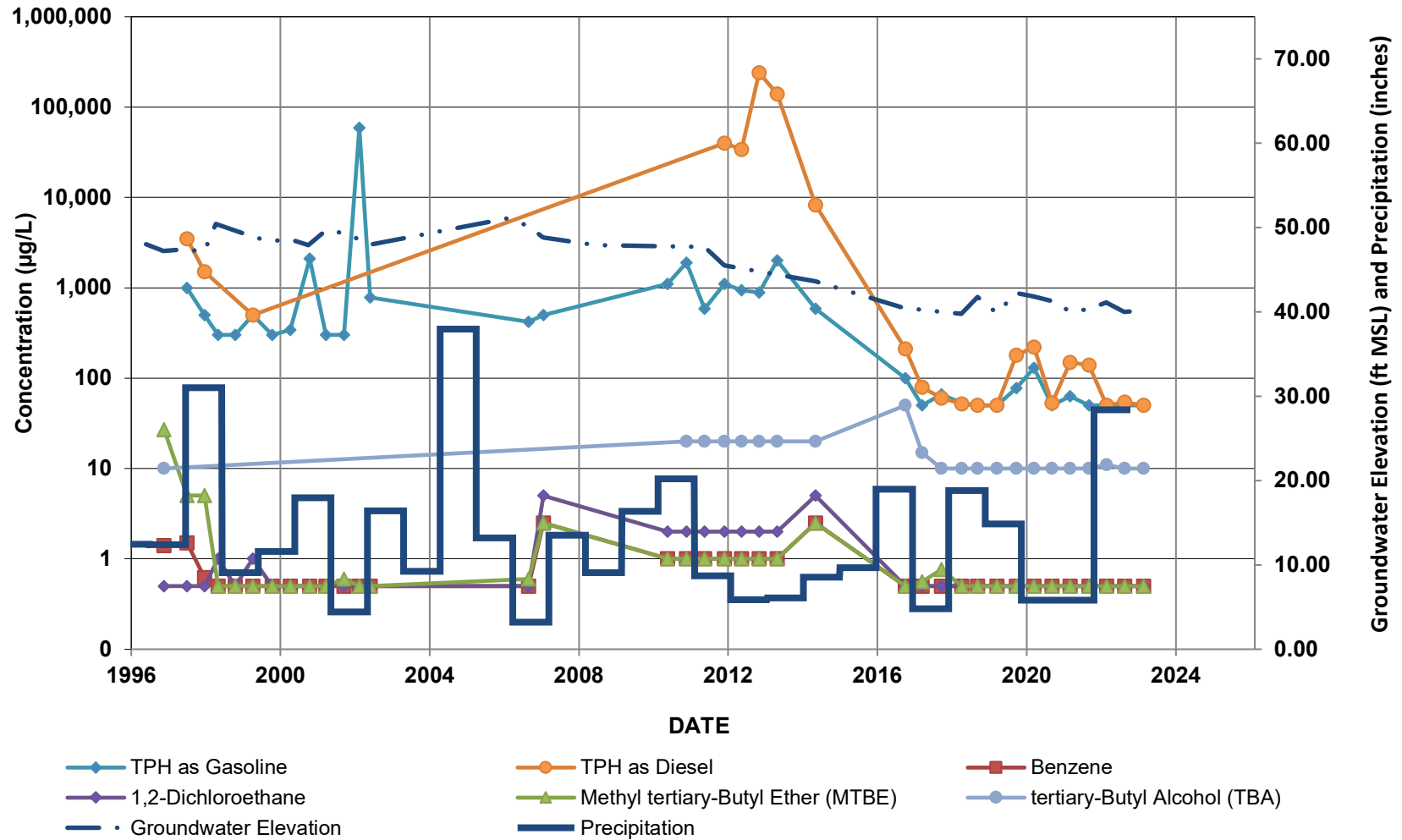
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-10



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-15/MW-15R

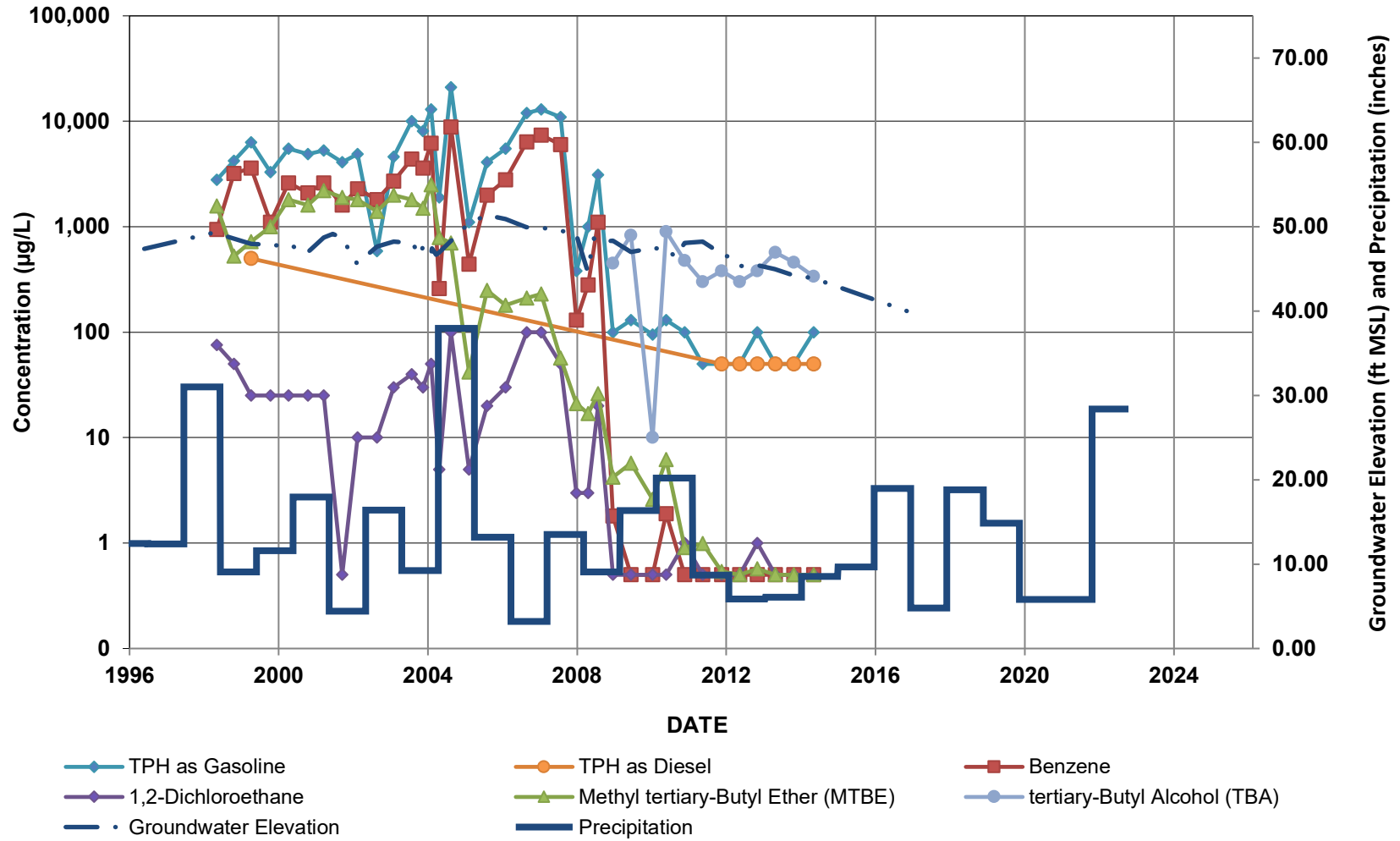


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

SOUTH-CENTRAL AREA

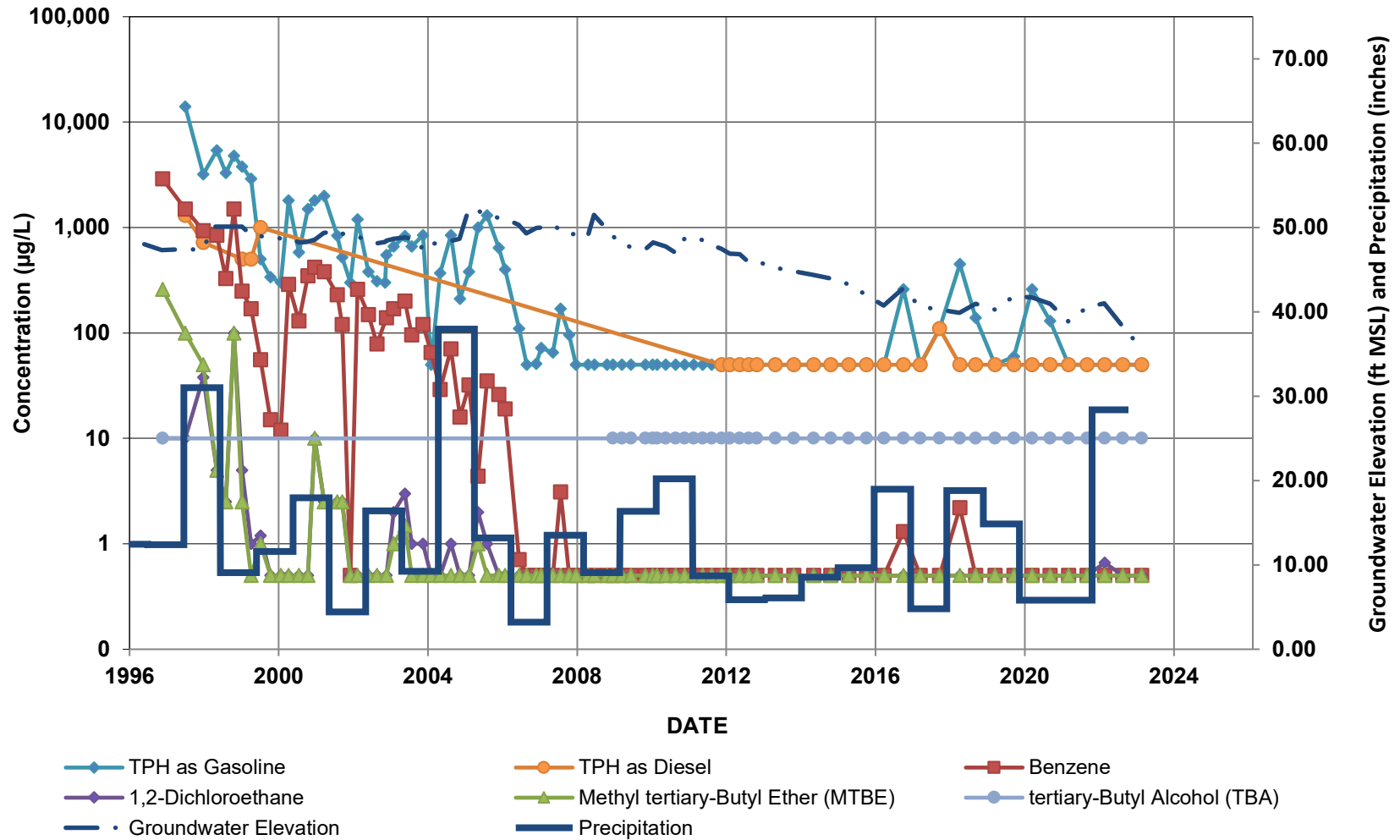
**GMW-27, GMW-O-3, GMW-O-5, GMW-O-9, GMW-O-10, GMW-O-14, GWR-1, HL-2, MW-7,
MW-20(MID), MW-SF-1, AND MW-SF-9**

GMW-27/GMW-27R



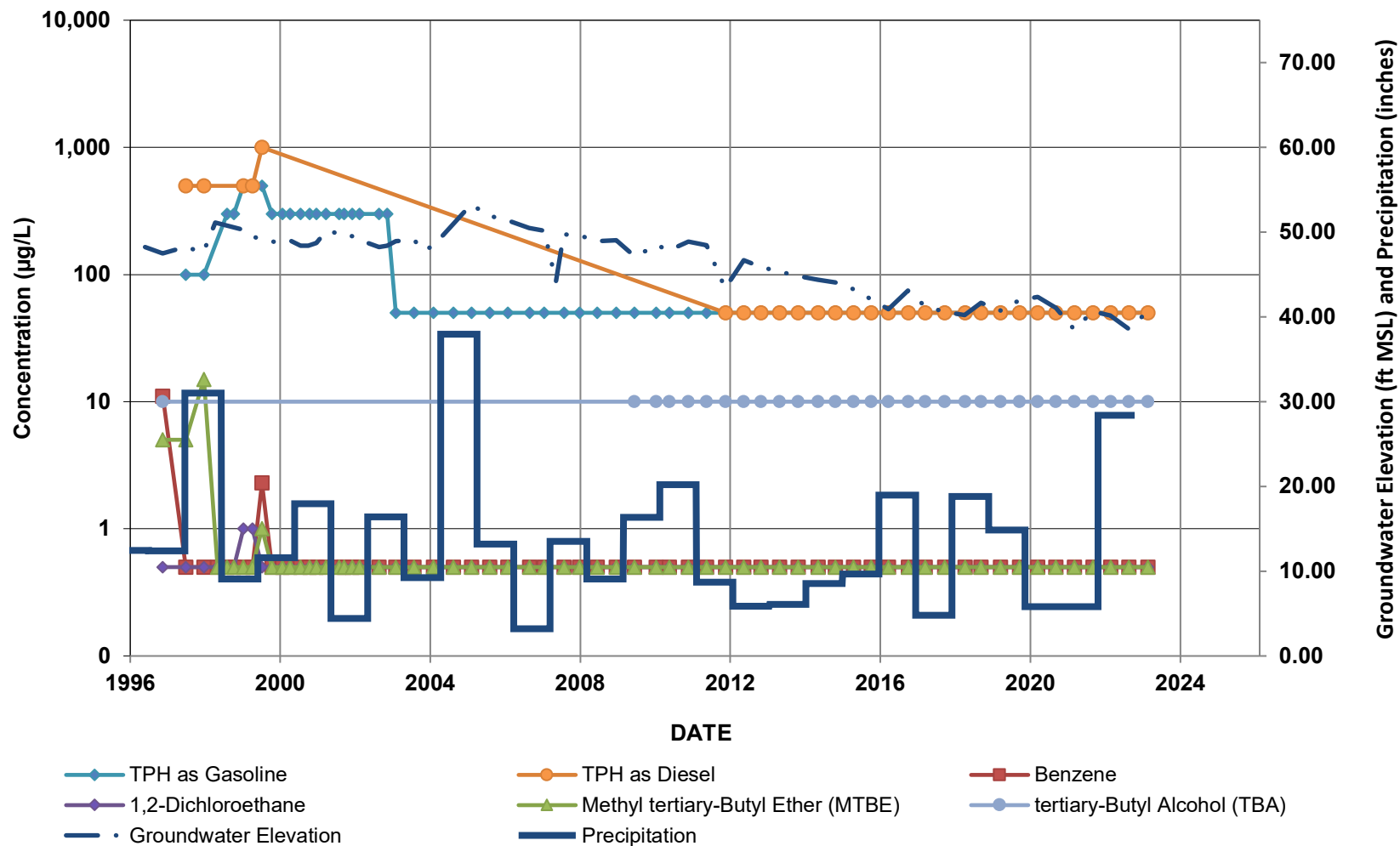
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-3



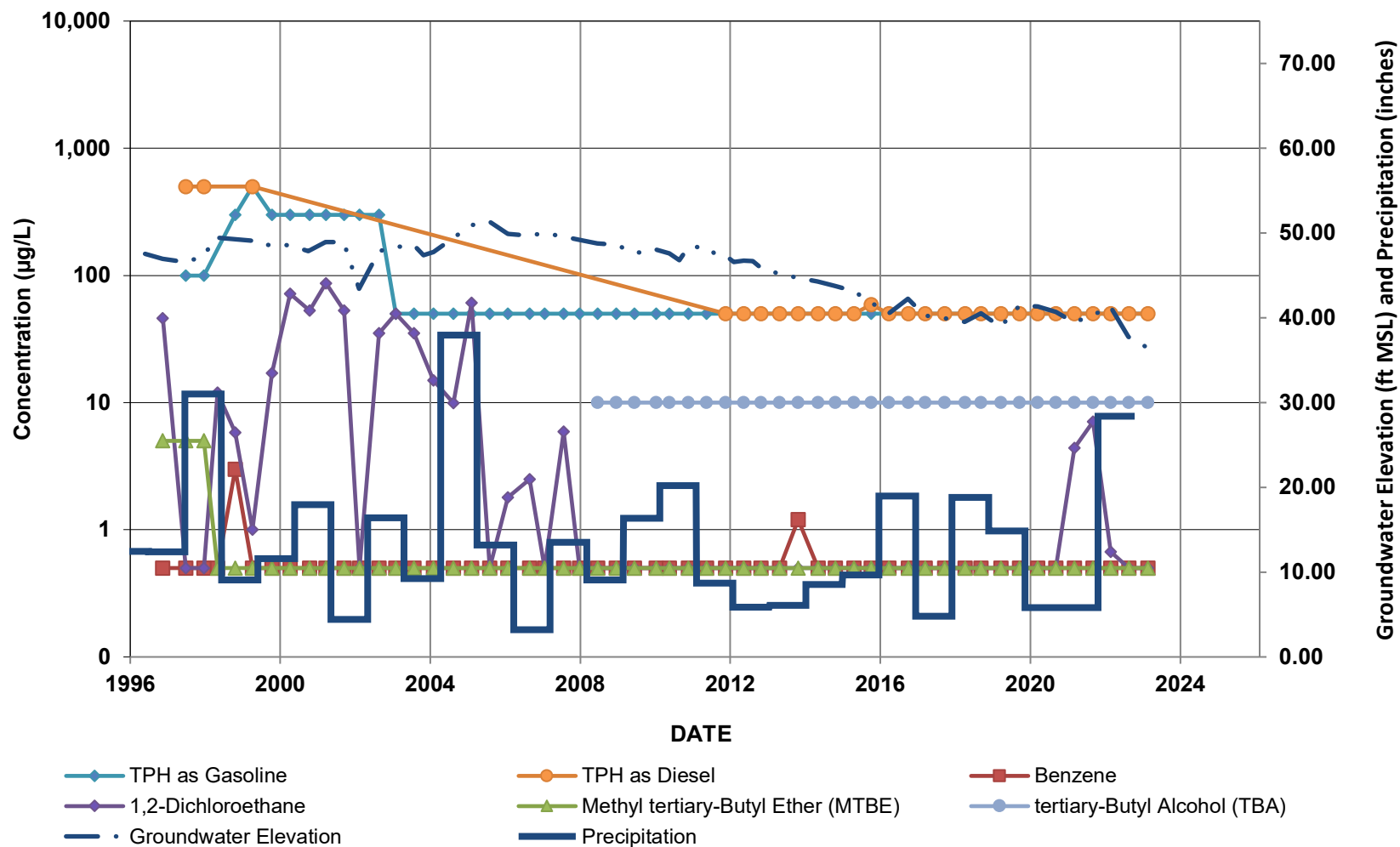
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-5



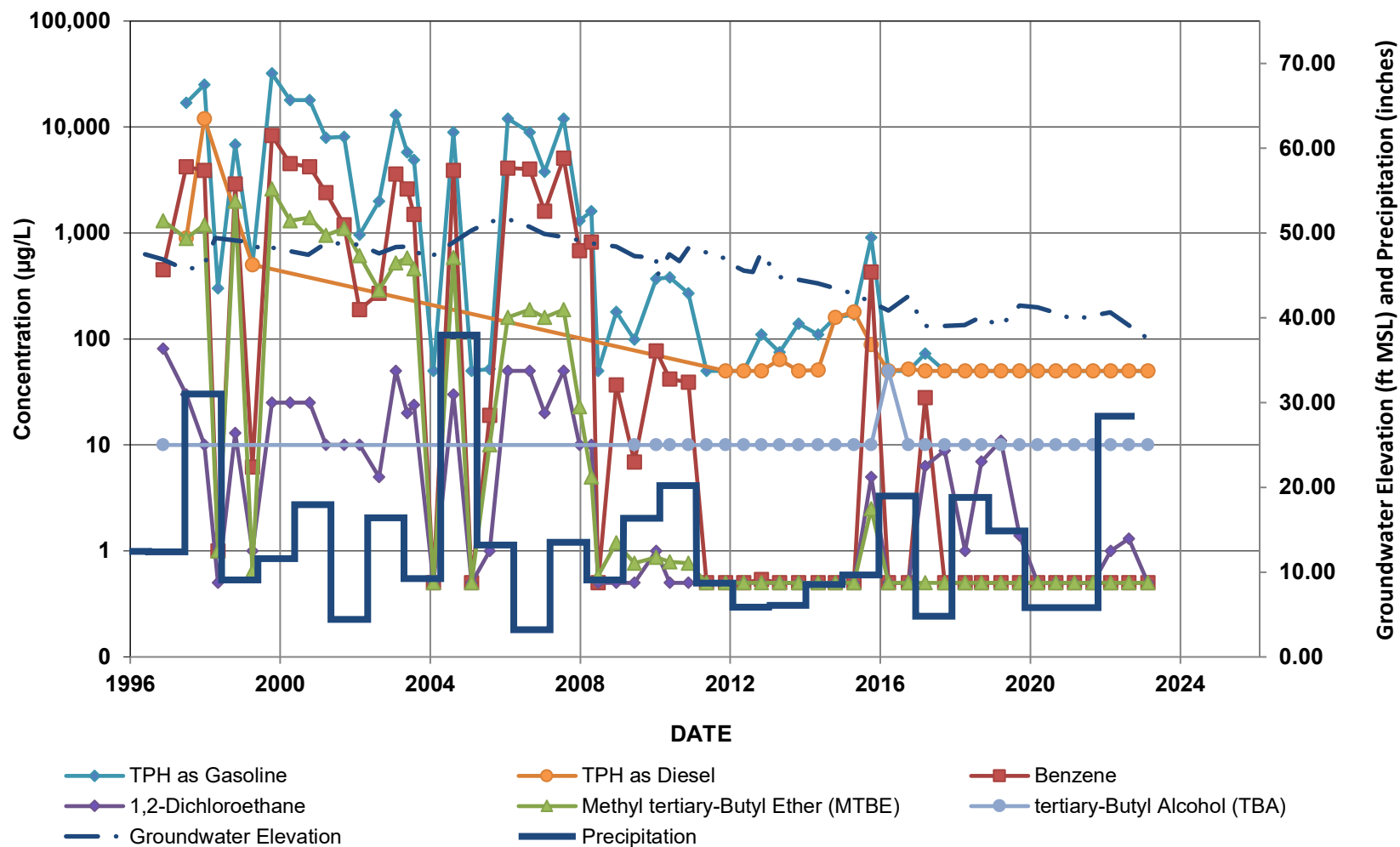
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-9



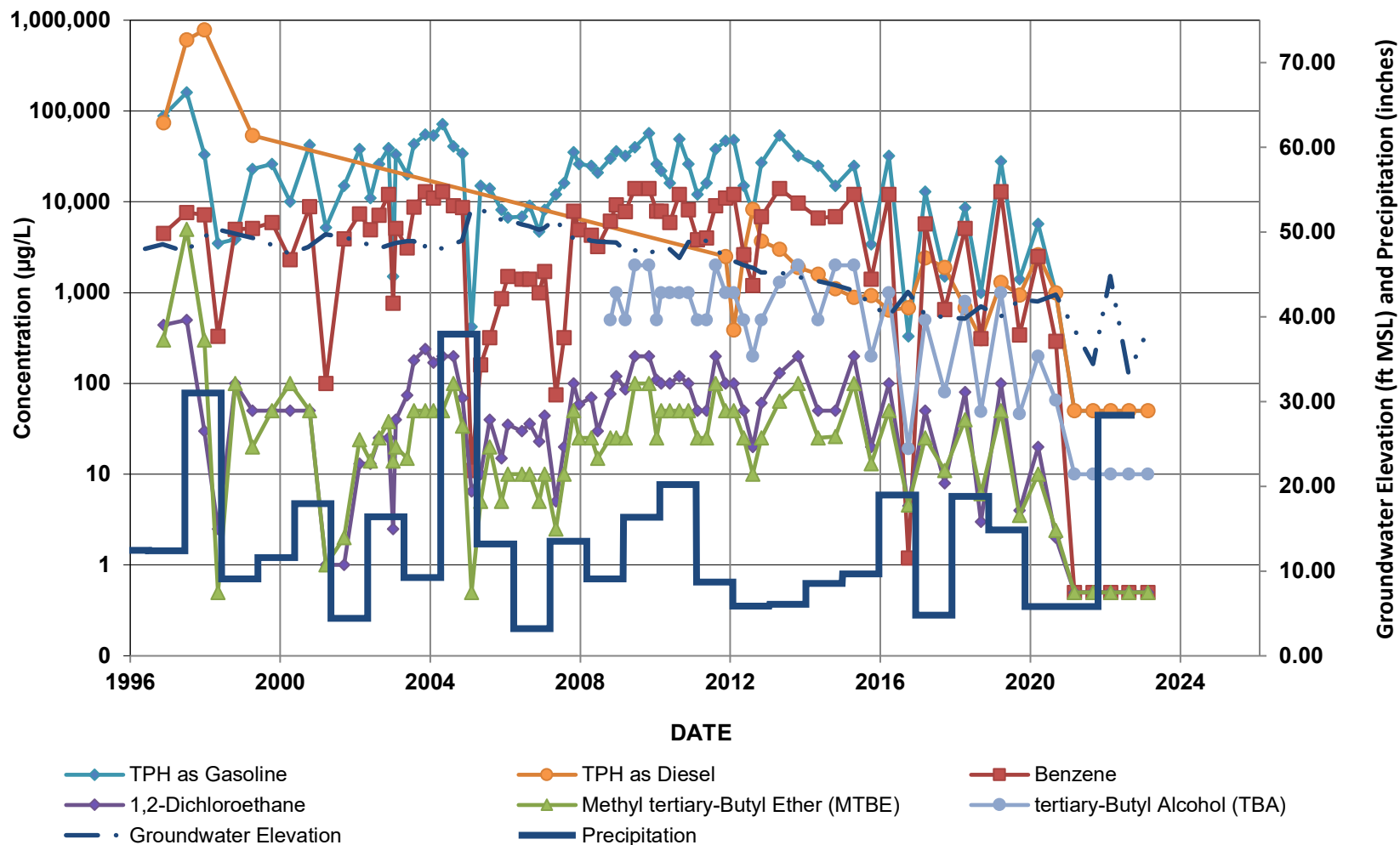
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-10



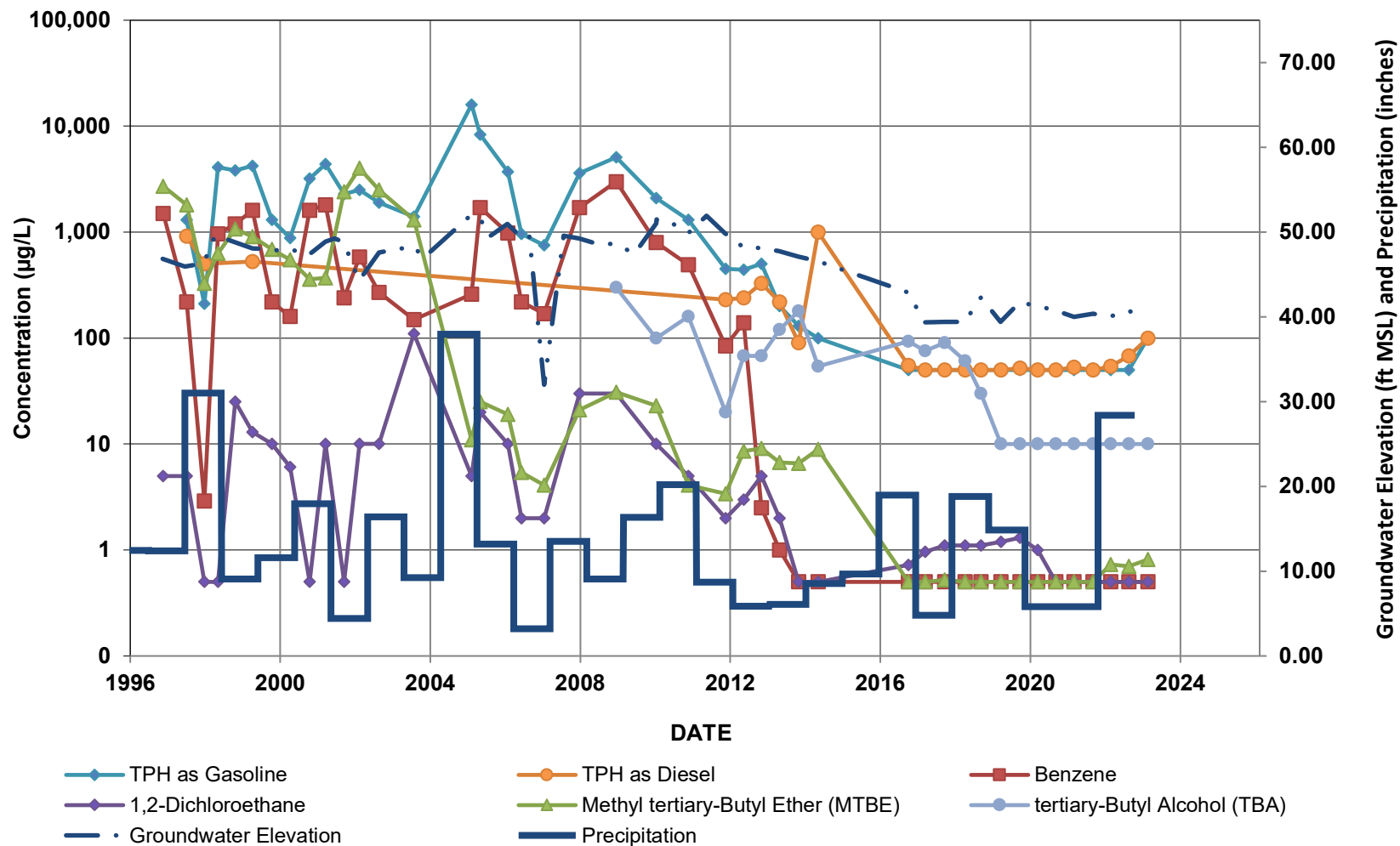
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-0-14



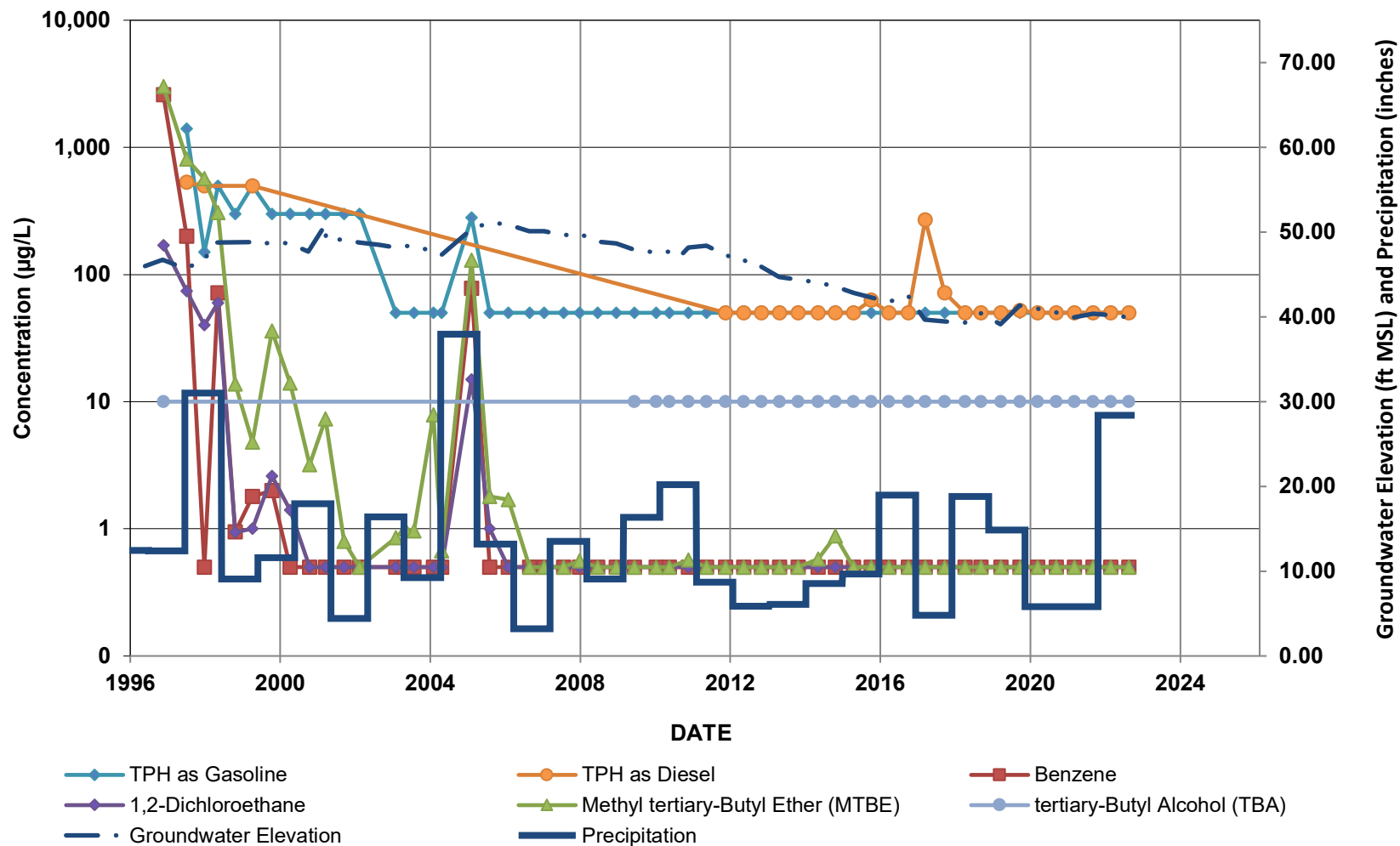
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GWR-1/GWR-1R



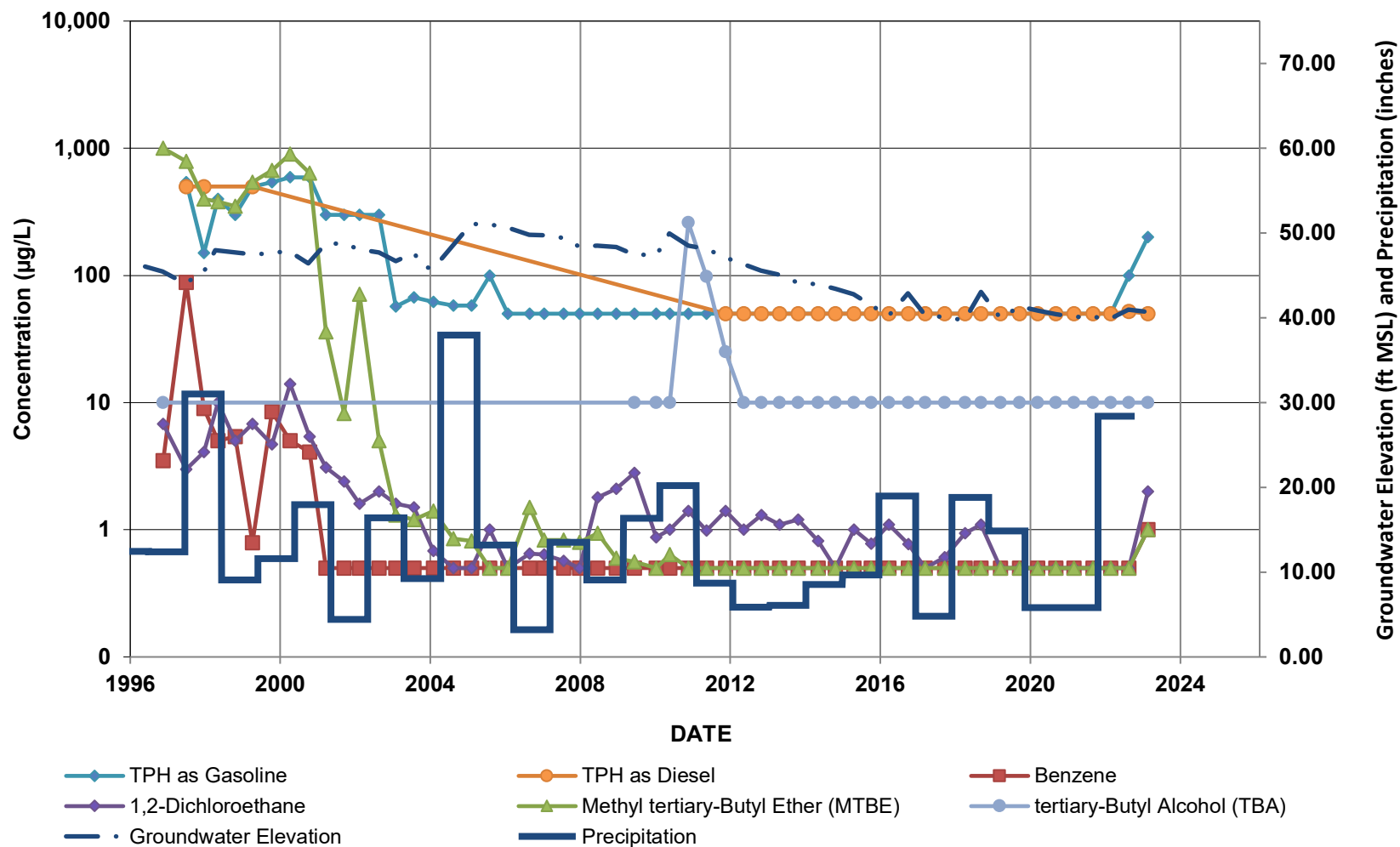
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

HL-2



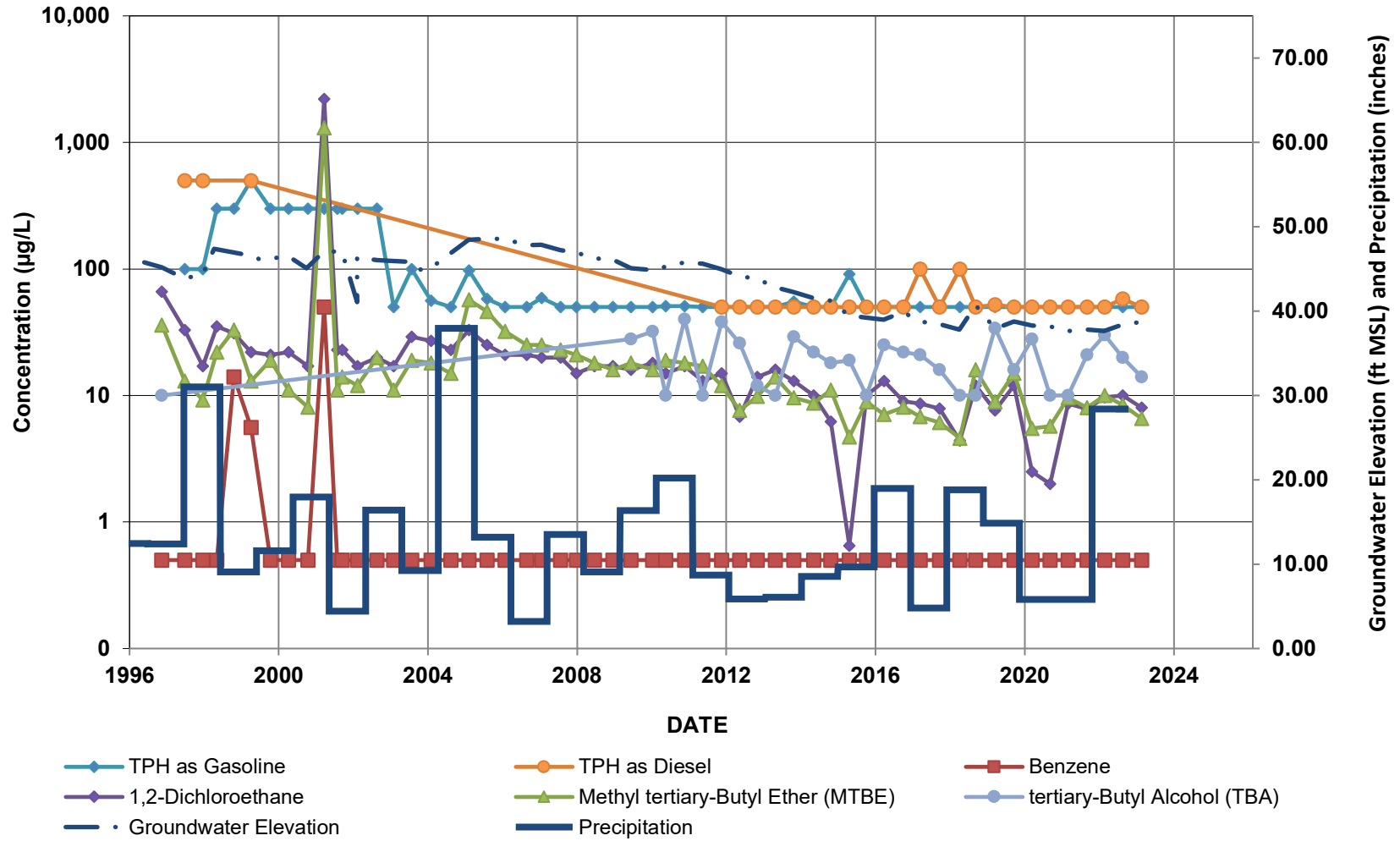
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-7



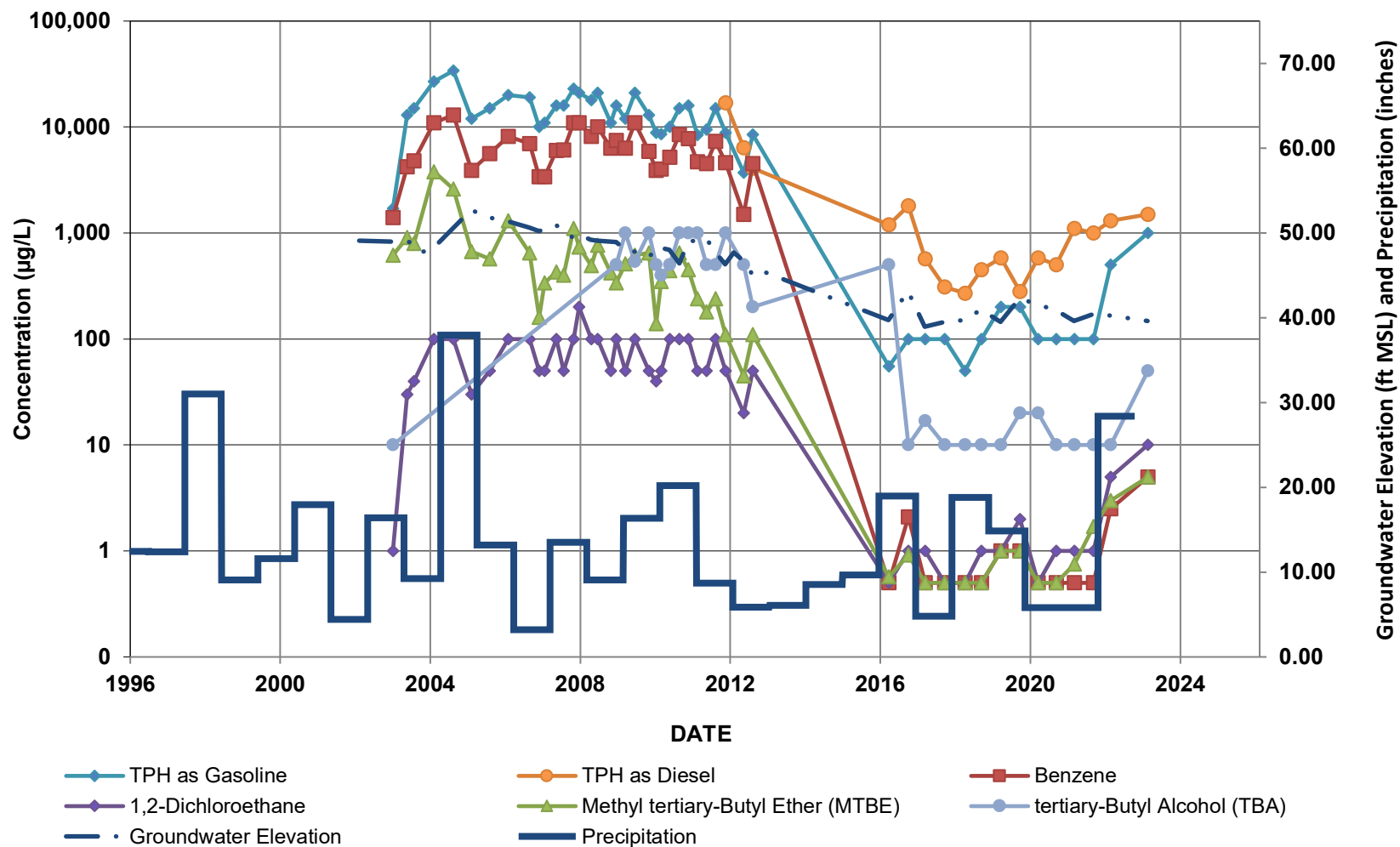
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-20(MID)



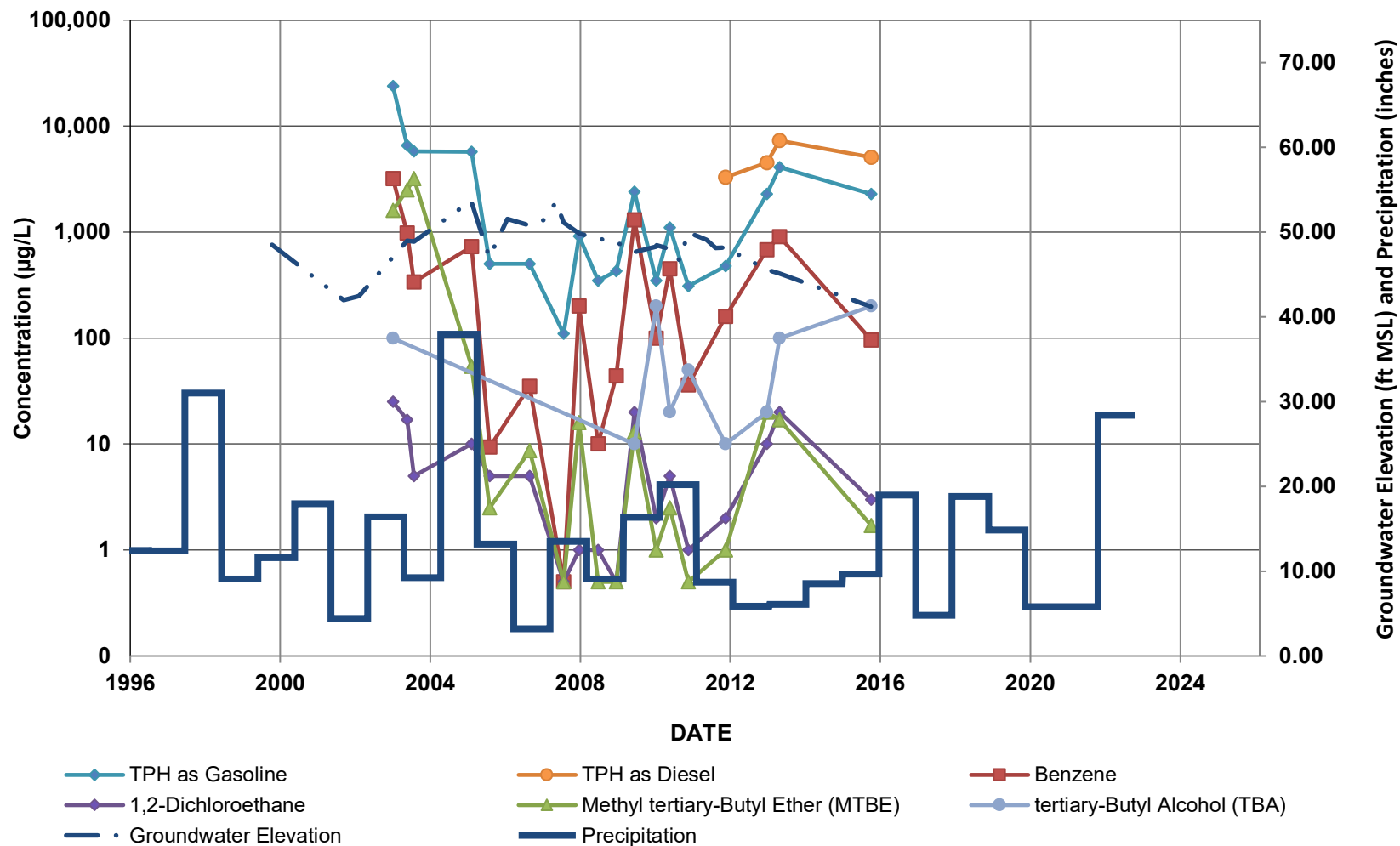
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-SF-1



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-SF-9

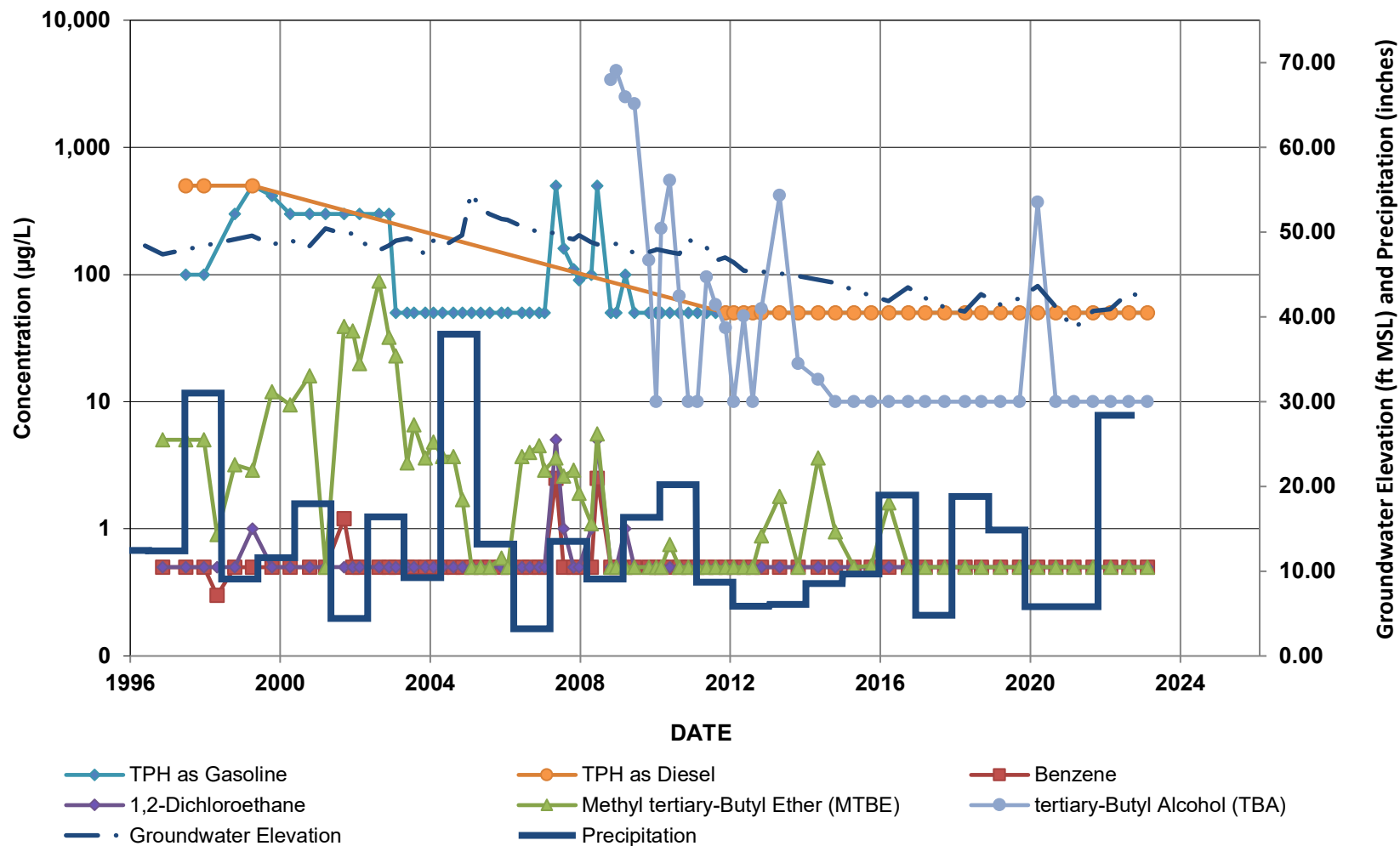


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

SOUTHEASTERN 24-INCH BLOCK VALVE AREA

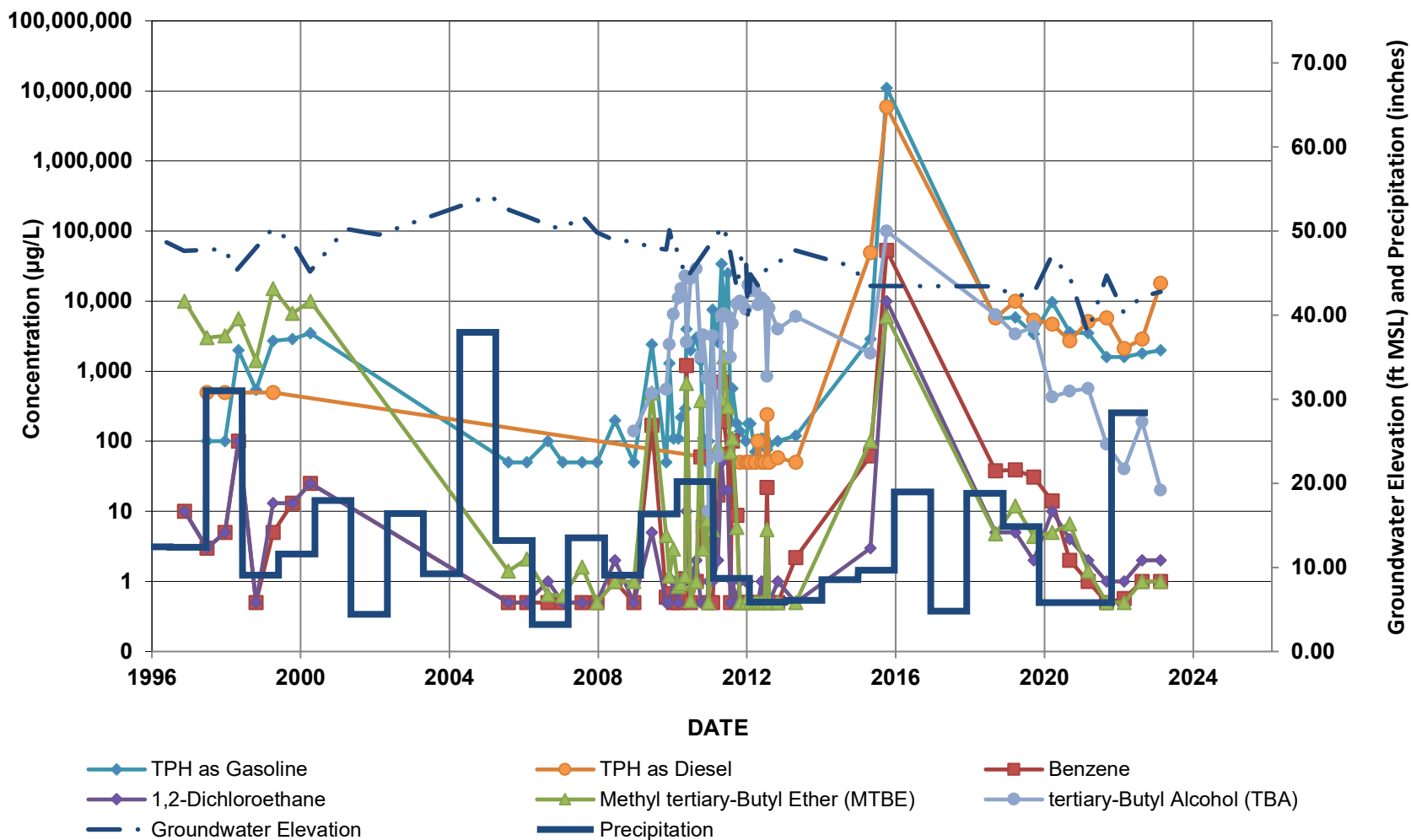
GMW-39, GMW-O-18, MW-8, AND PZ-5

GMW-39



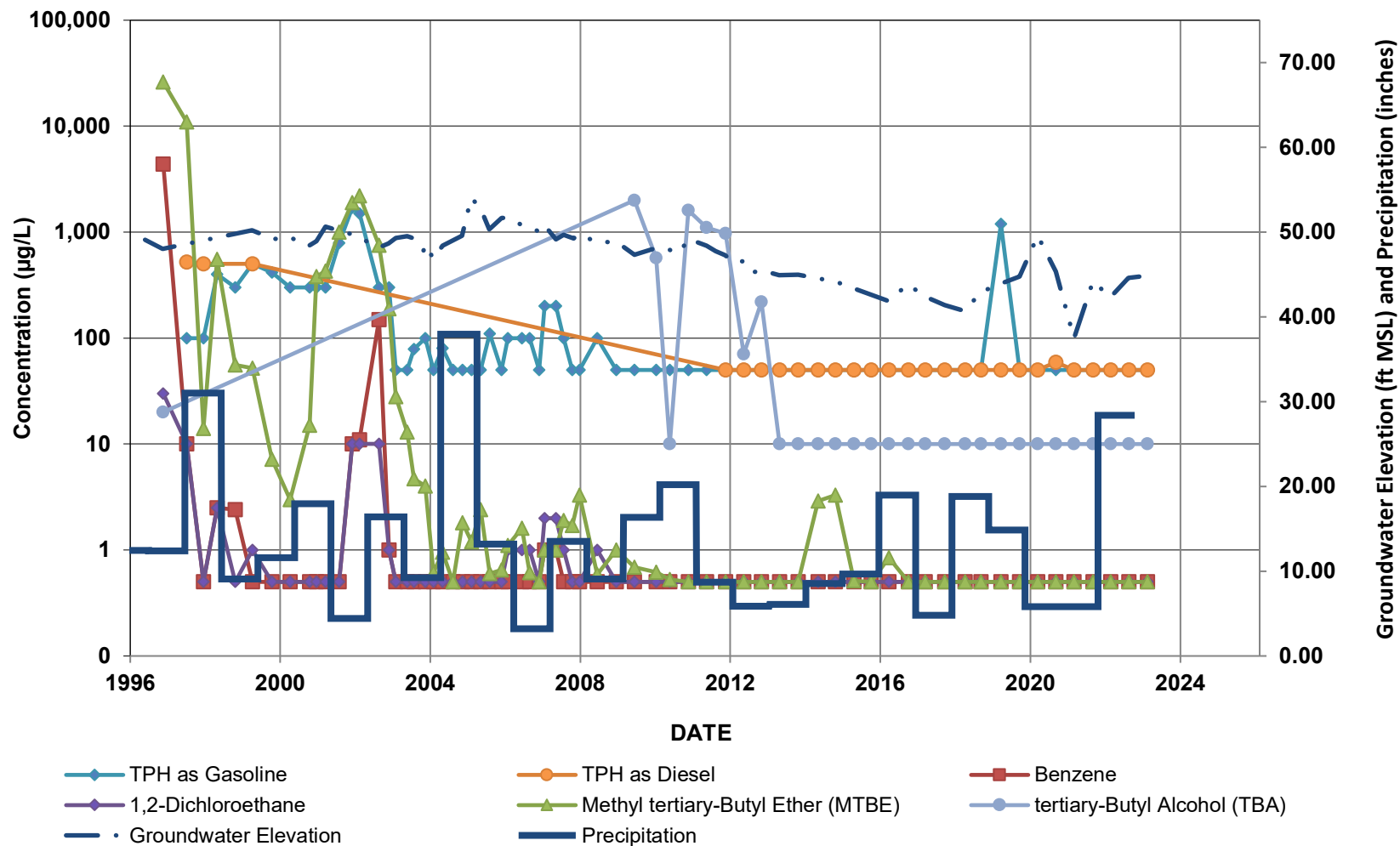
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-0-18



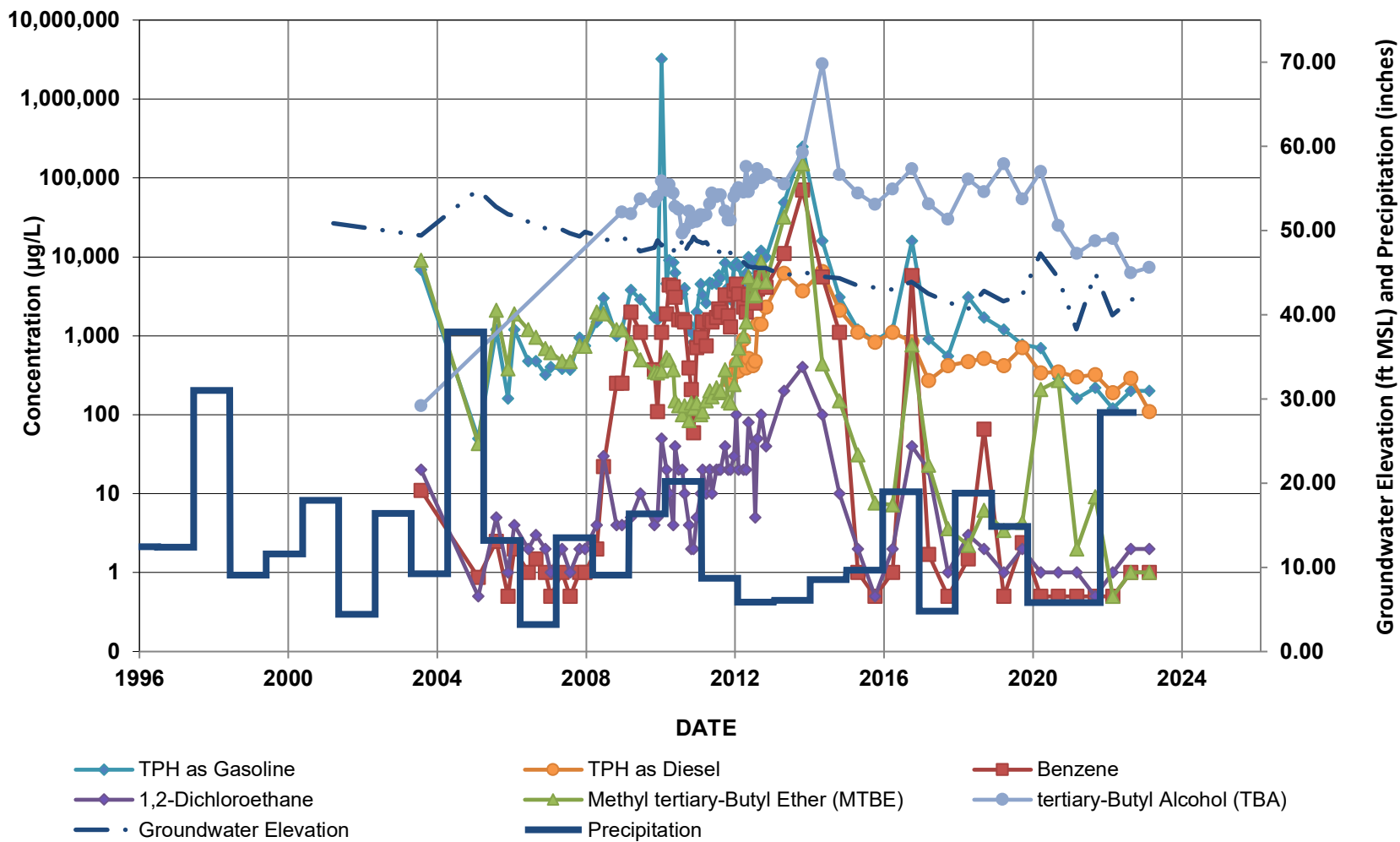
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-8



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

PZ-5



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

APPENDIX F

MANIFEST

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number Not Required	2. Page 1 of 1	3. Emergency Response Phone 800-624-9136	4. Waste Tracking Number 0000000771
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5. Generator's Name and Mailing Address Kinder Morgan 1001 Louisiana Street Houston TX 7702 Generator's Phone: 310 897-2592	Generator's Site Address (if different than mailing address) Att: Vince Moore Kinder Morgan Norwalk Station 15306 Norwalk Blvd Norwalk CA 90651
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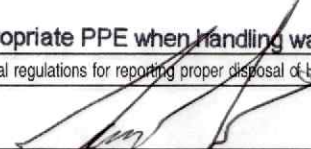
6. Transporter 1 Company Name Patriot Environmental Services	U.S. EPA ID Number CAR000351205
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address Patriot Environmental Services 2840 E. Miraloma Anaheim CA 92806 Facility's Phone: 714 551-9881	U.S. EPA ID Number CAR000351205
--	---

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
	No.	Type			
1. Non Hazardous Waste, Liquid (water, Prge Water)	02	DM	100	G	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information Profile No:.. PAN-21-D0017
Always wear appropriate PPE when handling waste. JOB# 01-23-01523

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.			
Generator's/Offor's Printed/Typed Name JAMES DIF	Signature 	Month 12	Day Year 7 23


15. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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16. Transporter Acknowledgment of Receipt of Materials			
Transporter 1 Printed/Typed Name Felix Madrigal	Signature 	Month 12	Day Year 7 23
Transporter 2 Printed/Typed Name	Signature	Month	Day Year

17. Discrepancy					
17a. Discrepancy Indication Space					
<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection	
Manifest Reference Number:					

17b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	

17c. Signature of Alternate Facility (or Generator)	Month Day Year
---	----------------

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a			
Printed/Typed Name NEIL FRUMKIN	Signature 	Month 12	Day Year 7 23

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY