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February 2, 2021

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 2020 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 need additional information concerning this document, please contact Ms. Carol Devier-Heeney at (703) 767-9813 or carol.devier-heeney@dla.mil.

Sincerely,

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Chief, Restoration Section

Enclosure
As stated

cc:
Daniel Swensson, P.G., Principal Geologist, The Source Group, Inc.

**SECOND SEMIANNUAL 2020 GROUNDWATER
MONITORING AND SAMPLING REPORT**

Defense Fuel Support Point Norwalk

**15306 Norwalk Boulevard
Norwalk, California 90650**

Contract SPO-600-14-D-5410

Prepared For:



Defense Logistics Agency - Energy

8725 John J. Kingman Drive
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Prepared By:



1962 Freeman Avenue
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February 2, 2021



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
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
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
VOC	volatile organic compound

1.0 INTRODUCTION

This report summarizes the results of the second semiannual 2020 groundwater monitoring and sampling event conducted at the Defense Fuel Support Point (DFSP) Norwalk (the "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 accordance with the revised sampling and analysis plans prepared by DLA (Parsons Corporation, 2013) and SFPP (CH2M HILL Engineers, Inc. [CH2M], 2013). 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).

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 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 personnel conducted the gauging and sampling for DLA. SGI 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.

This report furnishes information pertinent to the second semiannual 2020 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.

2.1 Semiannual Groundwater Monitoring and Sampling

DLA wells were gauged by SGI personnel on October 19-20, 2020, and SFPP wells were gauged by Blaine Tech on November 2, 2020. During this semiannual monitoring event, SGI and Blaine Tech gauged 185 wells. Sixteen of the 185 wells gauged during this monitoring event were dry and obstructions were present in nine of these 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. Gauging data and calculated groundwater elevations and product thicknesses are summarized in Table 2. Field documentation is provided in Appendix A.

From October 19 to November 23, 2020, 124 monitoring wells were purged and sampled. Thirteen duplicate samples and three split samples were collected by SGI and Blaine Tech for laboratory analysis during this sampling event. Including duplicate and split samples, a total of 140 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 (for DLA) and Blaine Tech (for SFPP).

2.2 Field and Laboratory Methods

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.

2.2.1 Field Methods

Approximately one week prior to commencement of gauging, purging, or sampling activities, SFPP’s and DLA’s remediation systems (with the exception of DLA’s vapor extraction system) were shut down to allow groundwater levels to return toward static conditions. Subsequently, SGI 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 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 0.138 gallons per minute (gpm; approximately 100 to 520 milliliters per minute [mL/min]), averaging 0.087 gpm (330 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.

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.

2.2.2 Laboratory Analytical Methods

Samples collected for DLA were sent to American Analytics and samples collected for SFPP were sent to Alpha 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
- Two wells with groundwater elevations that appear anomalous based upon comparison with surrounding groundwater elevations (GMW-29 and GMW-48).

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 23.73 to 40.91 feet below the tops of the well casings (Table 2). Groundwater elevations in these wells ranged from 37.74 to 50.37 feet above mean sea level (MSL). Since the first semiannual 2020 monitoring event, groundwater elevations rose an average of 0.13 foot in uppermost groundwater zone wells that did not contain floating product. Changes in elevation ranged from a decrease of 1.42 foot in GW-16 to an increase of 7.24 feet in GMW-O-16.

The groundwater potentiometric surface is depicted on Figure 2. The dominant groundwater gradient is toward the northwest, with local deviations. Northwestern gradients ranged from approximately 0.001 to 0.007 feet per foot (ft/ft). Localized groundwater depressions were interpreted in several areas based upon the relatively lower elevations in GMW-18, GMW-24, GMW-58, TF-24, and TFR-24. Groundwater mounding was indicated in the south-central area (GMW-O-1, GMW-O-11, GMW-O-20, and GWR-3), in the southeastern corner (MW-8 and

GMW-O-16), and near tank farm area wells GMW-21, GMW-31, GMW-43, GMW-54, GMW-56, GMW-59, RTF-18-N, RTF-18-NW, RTF-18-W, and TF-18.

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 37.74 to 41.04 feet above MSL.

The calculated elevations in two wells (GMW-29 and GMW-48) were anomalous based upon comparison with nearby wells. These two wells and the "MID" wells were not used to develop the equipotential map for the uppermost aquifer.

As summarized in Table 2:

- two wells (GMW-40 and GMW-O-24) could not be located,
- obstructions were encountered in nine wells (GMW-1, GMW-5, GMW-32R, GMW-33, GW-4, MW-SF-9, PW-1, PW-2, and PZ-10),
- GMW-36 was not gauged due to the presence of "heavy slime/sludge,"
- GW-14R was under vacuum and could not be gauged, and
- seven wells (MW-O-1, MW-SF-5, MW-SF-10, MW-SF-14, MW-SF-16, VEW-1, and VEW-2) were dry.

Due to scheduling conflicts, the DLA wells and SFPP wells were not gauged on the same day. DLA wells were gauged on October 19-20, 2020, and SFPP wells were gauged on November 2, 2020. To confirm the appropriateness of contouring groundwater elevations from the two gauging events together on one map and to evaluate changes in groundwater elevations during the two-week interval between gauging events, SGI personnel re-gauged 21 monitoring wells on November 2, 2020. Changes in elevation ranged from an increase of 0.22 foot in TF-19 to a decrease of 0.17 foot in GMW-35R, averaging -0.07 foot. The data was very comparable, and contouring groundwater elevations from both gauging events on one map was determined to be appropriate and representative of Site conditions.

3.1.2 Exposition Aquifer

Depth to groundwater in the Exposition Aquifer wells ranged from 54.74 to 62.48 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 approximately 17.03 to 17.67 feet above MSL. Since the first semiannual 2020 monitoring event, groundwater elevations dropped an average of 0.90 foot in the Exposition Aquifer wells. Decreases in elevation ranged from 0.82 foot in EXP-3 and EXP-4 to 1.03 foot in EXP-2.

The groundwater potentiometric surface for the Exposition Aquifer is shown on Figure 4. The groundwater gradient in the Exposition Aquifer is generally northward beneath the central area of the Site and off-site to the southeast, and toward the southeast northwest of the Site. Groundwater gradients in the Exposition Aquifer were approximately 0.0003 ft/ft based upon data collected during the current monitoring event.

3.2 Distribution of Floating Product

Floating product was measured or observed in six of the 185 wells that were gauged during this monitoring event:

- North-central area: RTF-18-E, TFR-22, and TFR-29;
- Eastern area: GMW-68; and
- South-central area: GMW-23 and GMW-O-12.

Floating product present on groundwater during this monitoring event ranged from 0.01 foot, measured thickness, in TFR-29 to 3.85 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 and indicate floating product in the northern tank farm area (the north-central area), the eastern area, and the south-central area. Measured product thicknesses for the current semiannual monitoring event (October-November 2020) and two previous monitoring events (October 2019 and May 2020) 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 October 2019. 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. The changes in measured product thicknesses may be due to seasonal fluctuations of the water table elevation or remediation system operations.

Comparison of Current Conditions with Data Collected in May 2020

Since the previous monitoring event in May 2020 (Jacobs, 2020), measured product thicknesses increased in five wells (GMW-23, GMW-68, GMW-O-12, RTF-18-E, and TFR-22), and decreased in four wells (RTF-18-NNW, RTF-18-NW, TFR-24, and TFR-29). Changes in measured product thickness ranged from an increase of 2.39 feet in GMW-23 to a decrease of 3.92 feet in TFR-29. Overall, product thicknesses increased by an average of 0.04 foot since May 2020. Floating product was not present RTF-18-NNW (reported to contain 0.07 foot in May 2020), RTF-18-NW (reported to contain 0.16 foot in May 2020), or TFR-24 (reported to contain 0.02 foot in May 2020). Areas impacted with floating product are shown on Figure 3.

Comparison of Current Conditions with Data Collected in October 2019

Since the second semiannual 2019 monitoring event in October 2019 (SGI, 2020), measured product thicknesses increased by 10 percent or more in four wells and decreased by 10 percent or more in 21 wells. Measured product thicknesses increased in one well in the north-central area (TFR-22), in two wells in the south-central area (on-site well GMW-23 and in off-site well GMW-O-12), and in eastern off-site well GMW-68. Measured product thicknesses decreased in 18 wells in the north-central area (EP-73, GMW-18, RTF-18-N, RTF-18-NNW, RTF-18-NW, RTF-18-W, TF-15, TF-16, TF-17R, TF-23, TFR-9, TFR-12, TFR-15, TFR-16, TFR-24, TFR-27, TFR-29, and TFR-33), and in three wells in the south-central area (on-site well GMW-10, and off-site wells GMW-O-20 and GMW-O-23).

Current Conditions

Floating product was present three wells in the north-central area (RTF-18-E, TFR-22, and TFR-29). The measured product thicknesses recorded in this area during the current monitoring event ranged from 0.01 foot in TFR-29 to 1.04 foot in TFR-22. The north-central floating product plumes are interpreted as small plumes in the vicinity of wells containing measurable product. Compared with the product plume interpreted based upon the May 2020 gauging data, product is interpreted as small, discrete plumes instead of one large, roughly continuous plume, based upon the absence of product in RTF-18-NNW, RTF-18-NW, and TFR-24.

In the east-central area, floating product was measured or observed in off-site well GMW-68 (0.02 foot, measured thickness). Product was not measured or observed in GMW-62, where a hydrocarbon sheen was observed in May 2020.

Floating product was detected in the south-central area in one on-site well (3.85 feet, measured thickness, in GMW-23) and in off-site well GMW-O-12 (1.38 foot, measured thickness). Measured product thicknesses increased in both wells since May 2020.

Floating product was not measured or observed in in the truck rack 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 10.5 feet to the current low water levels across the Site. Elevations in Exposition Aquifer wells have declined an average of approximately 12.0 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.

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

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 2020 groundwater monitoring event in October-November 2020), 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, distribution of floating product in this area is currently defined by three wells containing floating product ranging from 0.01 foot (measured thickness) in TFR-29 to a maximum of 1.04 foot (measured thickness) in TFR-22. Forty-nine of the 54 wells in this area that have historically contained floating product show 100 percent reduction from their historical maximum thicknesses. Monitoring well TF-16 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). The remaining four wells show between 54.8 and 99.9 percent reduction from their historical maximum thicknesses.

Floating product was measured in one well in the east-central area during the current monitoring event (0.02 foot, measured thickness, in GMW-68). 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 five of the six wells that have historically contained floating product, and 99.3 percent reduction in GMW-68 from the historical maximum thickness.

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 two wells in the south-central area contain floating product (3.85 feet in GMW-23 and 1.38 foot in GMW-O-12). Thirty-six 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 2020 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 2020 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 Figures 6 through 10, respectively. Analytical results from the current semiannual sampling event and two previous sampling events (Fall 2019 and Spring 2020) also are 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) 2019 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 2020 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 25 of the 124 sampled wells and TPHd were reported in 65 of the 124 sampled wells. The maximum concentration of TPHg was reported in south-central area off-site

well MW-O-2 (10,000 micrograms per liter [$\mu\text{g/L}$]). The maximum concentration of TPHd was reported in the south-central area on-site well MW-SF-6 (110,000 $\mu\text{g/L}$).

TPHd were reported in the sample collected by SGI from Exposition Aquifer well EXP-1 (200 $\mu\text{g/L}$) on October 22, 2020. Note that TPHd were not detected at or above the 50- $\mu\text{g/L}$ laboratory reporting limit in the two samples collected by Blaine Tech from EXP-1 on November 4, 2020.

TPHg were reported at the historical high in GMW-O-16, and at historical lows in GMW-25, TF-16, TF-18, and TF-20R. In the majority (~80 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 GW-14R, MW-SF-6, TF-18, and TF-24. TPHd were reported at historical lows in GMW-9, GMW-18, GMW-25, GMW-30, GMW-45, GMW-58, GMW-62, GMW-O-23, MW-SF-4, TF-17R, TF-20R, and TF-23. This is the first time TPHd were not detected in GMW-9 and GMW-58. In the majority (~70 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 2020 Sampling Event

Since the first semiannual 2020 sampling event (Jacobs, 2020), concentrations of TPHg increased in 11 wells and decreased in 15 wells.

Since the first semiannual 2020 sampling event, concentrations of TPHd increased in 33 wells, decreased in 33 wells, and remained the same in GMW-12. TPHd increased from non-detect in 12 wells [GMW-4R, GMW-28, GMW-31 (duplicate sample only), GMW-48, GMW-56, GMW-61, GMW-66R (duplicate sample only), GW-15, GW-16, MW-22(MID), MW-27, and TF-9R]. TPHd decreased to non-detect in eight wells (GMW-9, GMW-13, GMW-58, GW-13, GWR-1R, HL-2, MW-6, and WCW-4).

The current distribution of TPH in groundwater, shown on Figure 6, was compared with the TPH plumes interpreted based upon data collected in May 2020. TPH in the tank farm area of the Site are not as extensive in the northwest (TPH not detected in GW-13), southwest (TPH not detected in MW-6), south (TPH not detected in GMW-13), or in the east (TPH not detected in GMW-58). TPH were not detected in western off-site wells during the current sampling event (TPH not detected in WCW-4; WCW-7 was not sampled due to an obstruction in the well). The south-central plume does not extend as far to the northwest (TPH not detected in GWR-1R) or to the west (TPH not detected in HL-2). The TPH plume in the southeastern corner of the Site is similar to the plume interpreted based upon the date collected in May 2020.

Comparison of Current Conditions with Data Collected During the Second Semiannual 2019 Sampling Event

Since second semiannual 2019 sampling event in October-November 2019 (SGI, 2020), TPH concentrations increased by 10 percent or more in 22 wells and decreased by 10 percent or more in 39 wells.

Since the second semiannual 2019 sampling event (SGI, 2020), TPH increased in tank farm area wells GMW-16, GMW-19, GMW-35R, GMW-47, GMW-56, GW-3, GW-15, GW-16, MW-22(MID), MW-27, TF-9R, TF-18, and TF-24, in eastern off-site well GMW-69, in southern off-site well GMW-O-3, in south-central wells GMW-4R, MW-9, MW-15R, MW-18(MID), and MW-SF-6, and in southeastern area wells GMW-O-16 and GMW-O-18.

Decreases in TPH since the second semiannual 2019 sampling event were noted in Exposition Aquifer well EXP-2, in 22 tank farm area wells [GMW-7, GMW-8, GMW-12, GMW-15, GMW-21, GMW-41, GMW-45, GMW-48, GMW-57, GMW-58, GMW-59, GMW-61, GW-2, GW-13, MW-6, MW-12, MW-19(MID), MW-24, MW-29, TF-8, TF-20R, and TF-21], in eastern off-site wells GMW-62 and GMW-67, in southern off-site wells GMW-O-14 and GMW-O-21, in seven on-site wells in the south-central area (GMW-9, GMW-25, GMW-28, GMW-30, MW-SF-4, MW-SF-15, and PZ-2), and in five southeastern area wells (GMW-O-15, GMW-O-17, GMW-O-19, MW-8, and 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 2019 sampling event. TPH-impacted groundwater was not as extensive in the northwestern tank farm area [TPH not detected in GW-13 and MW-24, but were reported in GW-3 and MW-22(MID)] or in the southern tank farm area (TPH not detected in GMW-41 or MW-29), but extends further to the northeast (TPH reported in GMW-56, GMW-66R, GW-16, and MW-13). In the south-central area, TPH-impacted groundwater extends farther to the northeast (TPH reported in MW-15R) and farther off site to the south (TPH reported in GMW-O-3). In the southeastern area, the TPH plume is not as extensive (TPH not detected in GMW-O-17, GMW-O-19, or MW-8, but was reported in GMW-O-16).

4.1.2 Benzene

The distribution of dissolved benzene is shown on Figure 7. During this sampling event, benzene was reported in 19 of the 124 sampled wells. Analytical results for benzene in groundwater samples collected during this semiannual event ranged from non-detect (<0.50 µg/L) in many of the wells to 6,200 µg/L in southern off-site well MW-O-2. Benzene was reported at historical lows in GMW-O-15, GW-14R, MW-SF-13, MW-SF-15, TF-18, and TF-20R. This is the first time benzene was not detected GMW-O-15, MW-SF-15, and TF-20R (see Table 4 for reporting limits). In the majority (~93 percent) 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 distribution of dissolved benzene is similar to the distribution seen during recent sampling events, as discussed below.

Benzene was detected in tank farm area wells GMW-7 (150 and 110 µg/L), GMW-18 (1.7 µg/L), GMW-19 (2.3 µg/L), GMW-35R (20 µg/L), GMW-45 (54 µg/L), GW-14R (7.5 µg/L), TF-15 (59 µg/L), TF-16 (32 µg/L), TF-17R (46 µg/L), TF-18 (18 µg/L), and TF-23 (1.1 µg/L), in southern off-site wells GMW-O-14 (2,500 and 2,400 µg/L), GMW-O-20 (51 µg/L), GMW-O-21 (2,300 µg/L), and MW-O-2 (6,200 µg/L), in south-central well MW-SF-6 (5.3 µg/L), in eastern off-site wells GMW-62 (150 µg/L) and GMW-69 (110 µg/L), and in southeastern off-site well GMW-O-18 (14 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 2020 sampling event.

Comparison of Current Conditions with Data Collected During the First Semiannual 2020 Sampling Event

Since the first semiannual 2020 sampling event (Jacobs, 2020), benzene concentrations increased in seven wells and decreased in 20 wells. Benzene increased from non-detect (<0.50 µg/L) in two wells (GMW-18 and GMW-O-21), and decreased to non-detect (see Table 4 for reporting limits) in 10 wells (GMW-30, GMW-47, GMW-57, GMW-67, GMW-O-15, MW-SF-4, MW-SF-13, MW-SF-15, PZ-5, and TF-20R).

The current distribution of benzene in groundwater, shown on Figure 7, was compared with the benzene plumes interpreted based upon data collected in May 2020. The benzene plume in the tank farm area is not as extensive (benzene not detected in GMW-47, GMW-57, or TF-20R). The eastern off-site benzene plume does not extend as far to the northeast (benzene not detected in GMW-67). The south-central area benzene plume extends farther south (benzene reported in GMW-O-21) but does not extend as far to the northwest and north (benzene not detected in GMW-30, MW-SF-4, MW-SF-13, or MW-SF-15). In the southwestern corner of the Site, the benzene plume does not extend as far to the south or southwest (benzene not detected in GMW-O-15 or PZ-5).

Comparison of Current Conditions with Data Collected During the Second Semiannual 2019 Sampling Event

Since the second semiannual 2019 sampling event in October-November 2019 (SGI, 2020), benzene concentrations increased by 10 percent or more in six wells and decreased by 10 percent or more in 11 wells. Increases in benzene were noted in tank farm area wells GMW-7, GMW-19, and GMW-35R, in eastern off-site wells GMW-62 and GMW-69, and in south-central area well MW-SF-6. Since second semiannual 2019 sampling event, benzene decreased in tank farm area wells GMW-17R, GMW-45, GMW-58, TF-18, TF-20R, and TF-21, in eastern off-site well GMW-67, in south-central area wells GMW-O-14, and GMW-O-21, and in southeastern wells GMW-O-15 and GMW-O-18.

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 2019 sampling event. The benzene plumes are in the same general areas of the Site. In the tank farm area, benzene was reported in five wells that contained floating product in October 2019 (GMW-18, TF-15, TF-16, and TF-23). Benzene-impacted groundwater is not as extensive in the eastern tank farm area (benzene not detected in GMW-58, TF-20R, or TF-21). The eastern off-site benzene plume does not extend as far to the northeast (benzene not detected in GMW-67). In the south-central area, benzene-impacted groundwater does not extend as far to the northwest or north (benzene not detected in GMW-O-23 or MW-SF-15). The benzene plume in the southeastern corner of the Site does not extend as far south or southwest (benzene not detected in GMW-O-15 or PZ-5).

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 seven of the 124 sampled wells. Analytical results for 1,2-DCA in groundwater samples collected during this semiannual event ranged from non-detect (<0.50 $\mu\text{g/L}$) in the majority of the wells to 2.5 $\mu\text{g/L}$ reported in MW-20(MID). 1,2-DCA was reported in western off-site wells WCW-3 (1.1 $\mu\text{g/L}$) and WCW-6 (2.0 $\mu\text{g/L}$). 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 the majority (~99 percent) of the samples, 1,2-DCA was either not detected or the reported concentrations were at or 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 in the western area of the Site that extends off site to the west.

1,2-DCA was not detected at or above laboratory reporting limits in samples collected from the Exposition Aquifer wells during the second semiannual 2019 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 2020 Sampling Event

Since the first semiannual 2020 sampling event (Jacobs, 2020), 1,2-DCA concentrations increased in two wells (WCW-3 and WCW-6) and decreased in eight wells [GMW-O-10, GW-13, GWR-1R, MW-6, MW-19(MID), MW-20(MID), MW-21(MID), and MW-22(MID)]. 1,2-DCA increased from non-detect (<0.50 $\mu\text{g/L}$) in WCW-3 and decreased to non-detect (<0.50 $\mu\text{g/L}$) in GMW-O-10, GW-13, and MW-22(MID). Comparing the current 1,2-DCA plume with the first semiannual 2020 1,2-DCA plume, the 1,2-DCA plume is in the same general area but does not extend as far to the north [1,2-DCA not detected in MW-22(MID)], and extends farther off-site to the northwest (1,2-DCA reported in WCW-3). 1,2-DCA was not detected in southern off-site well GMW-O-10, where 1,2-DCA was reported in May 2020.

Comparison of Current Conditions with Data Collected During the Second Semiannual 2019 Sampling Event

Since second semiannual 2019 sampling event in October-November 2019 (SGI, 2020), 1,2-DCA concentrations increased by 10 percent or more in two wells and decreased by 10 percent or more in seven wells. Increases in 1,2-DCA were noted western off-site monitoring wells WCW-3 and WCW-6. 1,2-DCA decreased in southern off-site well GMW-O-10 and in western on-site wells GW-13, GWR-1R, MW-6, MW-20(MID), MW-21(MID), and MW-22(MID).

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 2019 sampling event. The 1,2-DCA plume in the western area of the Site is in the same general area but does not extend as far to the north [1,2-DCA not detected in GW-13 or MW-22(MID)], and extends

farther off-site to the northwest (1,2-DCA reported in WCW-3). 1,2-DCA was not detected in southern off-site well GMW-O-10, where 1,2-DCA was reported in November 2019.

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 23 of the 124 sampled wells. Analytical results for MTBE in groundwater samples collected during this semiannual event ranged from non-detect in many of the wells to 210 µg/L in the duplicate sample from southeastern off-site well PZ-5. MTBE was reported at historical highs in GMW-7 and TF-23, and at the historical low in MW-SF-15. In the majority (~92 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-2 (1.2 and 0.54 µg/L, respectively, in the samples collected by SGI and Blaine Tech). During the May 2020 sampling event, MTBE was reported in Blaine Tech's sample from EXP-2 (0.59 µg/L), but was not detected (<1.2 µg/L) in SGI's sample. 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 2020 Sampling Event

Since the May 2020 sampling event (Jacobs, 2020), MTBE concentrations increased in 13 wells and decreased in 13 wells. MTBE increased from non-detect in MW-22(MID), PZ-3, and WCW-4 and decreased to non-detect in GMW-9, GMW-O-15, MW-SF-13, and WCW-6.

Based upon the analytical results for the October-November 2020 sampling event, MTBE was present in the south-central and western areas of the Site, in the tank farm area, and in the southeastern corner of the Site. Dissolved MTBE is present in the same general areas, but is not as extensive. The MTBE plume in the western tank farm area does not extend as far to the southwest (MTBE not detected in WCW-6), but extends farther to the northwest [MTBE reported in MW-22(MID) and off-site well WCW-4]. The MTBE plume in the central tank farm area extends farther to the west (MTBE reported in PZ-3). The MTBE plume in the south-central area is not as extensive (MTBE not detected in GMW-9, GMW-O-14, or MW-SF-13). The MTBE plume in the southeastern area appears smaller (MTBE not detected in GMW-O-15 or GMW-O-18).

Comparison of Current Conditions with Data Collected During the Second Semiannual 2019 Sampling Event

Since second semiannual 2019 sampling event in October-November 2019 (SGI, 2020), MTBE concentrations increased by 10 percent or more in 10 wells and decreased by 10 percent or more in 12 wells. Increases in MTBE were noted in tank farm area wells GMW-19, GMW-35R, GMW-47, and MW-27, in south-central area wells MW-9, MW-18(MID), MW-SF-6, and PZ-2, and in

southeastern off-site wells GMW-O-16 and PZ-5. Since October-November 2019, MTBE decreased in tank farm area wells GMW-57, GW-13, MW-6, MW-20(MID), MW-22(MID), and PZ-3, in south-central wells GMW-9, GMW-28, GMW-30, and MW-SF-15, and in southeastern off-site wells GMW-O-15 and GMW-O-18.

The current distribution of MTBE in groundwater (Figure 9) was compared with the MTBE plumes interpreted based upon analytical data collected during the Fall 2019 sampling event. The MTBE plumes are in the same general areas of the Site. Dissolved MTBE in the northwestern tank farm area does not extend as far to the north (MTBE not detected in GW-13), extends farther off-site to the northwest (MTBE reported in WCW-4). The MTBE plume in the south-central area does not extend as far to the west (MTBE not detected in GMW-9, GMW-28, or GMW-30), but extends farther to the south (MTBE reported in GMW-O-20, GMW-O-23, and MW-O-2). MTBE was also reported in truck rack area well MW-9. The dissolved MTBE plume in the southeastern corner appears smaller (MTBE not detected in GMW-O-15 or GMW-O-18).

4.1.5 Tertiary-Butyl Alcohol

The distribution of dissolved TBA is shown on Figure 10. During this sampling event, TBA was reported in 21 of the 124 sampled wells. Analytical results for TBA in groundwater samples collected during this sampling event ranged from non-detect (<10 µg/L) in the majority of the wells to 25,000 µg/L reported in the primary sample collected from southeastern off-site well PZ-5. TBA was reported at the historical low in MW-SF-15 and at historical highs in MW-27, TF-16, TF-18, TF-20R, and TF-23. This is the first time TBA was reported in TF-20R. In the majority (~89 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 2020 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 of the Site, in the southeastern corner, and in the eastern tank farm. Smaller, isolated plumes were interpreted at tank farm area wells GMW-7, GMW-21, GW-13, MW-19(MID), MW-20(MID), and MW-22(MID).

Comparison of Current Conditions with Data Collected During the First Semiannual 2020 Sampling Event

Since the May 2020 sampling event (Jacobs, 2020), TBA concentrations increased in 11 wells and decreased in 12 wells. TBA increased from non-detect (<10 µg/L) in GMW-7, GMW-39, MW-27, MW-SF-4, and TF-20R. TBA decreased to non-detect (<10 µg/L) in GMW-O-15, MW-19(MID), and MW-20(MID). In the TBA plume in the eastern tank farm area extends farther to the south (TBA reported in TF-18 and TF-20R). TBA-impacted groundwater was not present in the southwestern tank farm area [TBA not detected in MW-19(MID) or MW-20(MID)]. TBA was also present in central

and western tank farm area wells GMW-7, GW-2, MW-27, and TF-16 (shown as small, discrete plumes), but was not detected in GMW-18 (where 11 µg/L TBA was reported in May 2020). In the south-central area, TBA was present in the same general area but was not detected in GMW-O-14 and was reported in MW-SF-4. The TBA plume in the southeastern corner extends farther to the northwest (TBA reported in GMW-39, but does not extend as far to the south (TBA not detected in GMW-O-15).

Comparison of Current Conditions with Data Collected During the Second Semiannual 2019

Sampling Event

Since the October-November 2019 sampling event (SGI, 2020), TBA concentrations increased by 10 percent or more in nine wells and decreased by 10 percent or more in 12 wells. Increases in TBA were noted in tank farm area wells GMW-47, GW-2, MW-27, TF-18, and TF-20R; in south-central area wells MW-18(MID), MW-SF-4, and MW-SF-6; and in southeastern well GMW-39. TBA decreased by more than 10 percent since October-November 2019 in tank farm area wells GMW-21, GMW-57, GW-13, MW-19(MID), MW-20(MID), and MW-22(MID); in south-central area wells GMW-28, GMW-30, and MW-SF-15; and in southeastern off-site wells GMW-O-15, GMW-O-19, 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 2019 sampling event. The TBA plumes are in the same general areas of the Site. The large TBA plume in the eastern tank farm area extends farther to the southeast (TBA reported in TF-20R). In the western and central tank farm areas, where TBA-impacted groundwater is shown as small, discrete plumes, TBA was not detected in GMW-21, GW-13, MW-19(MID), MW-20(MID), or MW-22(MID), but was reported in GW-2, MW-27 and TF-16. In the south-central area, TBA was not detected in GMW-30, but was reported in GMW-O-20 (not sampled in Fall 2019), MW-O-2 (not sampled in Fall 2019), and MW-SF-4.

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 2020 sampling event. TAME was reported in the primary and duplicate samples from southeastern off-site well PZ-5 (1.0 µg/L in both samples). DIPE was reported in 11 of the 124 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 120 µg/L in duplicate sample from southern off-site well GMW-O-14. ETBE was not detected in any of the groundwater samples analyzed during the current sampling event.

Since May 2020 (Jacobs, 2020), ETBE decreased in to non-detect (<1.0 µg/L) in PZ-5 (from 3.3 and 3.8 µg/L), and TAME decreased to non-detect (<10 µg/L) in GMW-O-15 (from 34 µg/L). Since May 2020, DIPE increased in four wells and decreased in five wells. DIPE decreased to non-detect (<1.0 µg/L) in GMW-30 and increased from non-detect in GMW-O-21 and MW-SF-4. DIPE was

reported at historical highs GMW-O-23 and MW-SF-6, and at historical lows in GMW-28, GMW-30, MW-18(MID), MW-19(MID), and MW-20(MID).

4.2 Quality Assurance/Quality Control

American Analytics and Alpha did not report any significant quality assurance/quality control issues with the analytical work performed as part of the Fall 2020 semiannual event. A total of 13 duplicate groundwater samples, three split samples, 13 trip blanks, and 16 equipment blanks were submitted for analysis. Analytical results for duplicate, split, and confirmation groundwater samples and trip/equipment blanks are summarized in Tables 6 and 7, respectively. Results for duplicate and split samples were comparable with the results reported for the primary samples. Trip blank and equipment blank samples were non-detect for all analytes with the following exceptions: low concentrations of acetone, 2-butanone, and/or chloromethane were reported in seven equipment blanks and three trip blanks, TPHd were reported at the 100- $\mu\text{g/L}$ detection limit in SGI's equipment blank from October 21, 2020, and TBA was reported in two equipment blanks (collected on October 19 and 28, 2020) and in two trip blanks (submitted October 26 and 28, 2020).

Equipment blank samples are collected to evaluate the effectiveness of decontamination procedures used during sample collection and trip blanks are analyzed to evaluate potential effects associated with handling and transportation of samples. To assess whether the presence of the low concentrations of TPHd and TBA reported in equipment blank samples may have affected the concentrations of these compounds reported in groundwater samples, the analytical results for samples collected on the same days as these equipment blanks were reviewed along with the historical results. To assess whether the presence of TBA in trip blank samples could be an indication of cross-contamination during sample handling and shipment, the analytical results for samples submitted with these trip blanks were reviewed along with the historical results. Note that the reported presence of acetone, 2-butanone, and chloromethane in quality control samples was not evaluated because these compounds are not contaminants of concern at DFSP Norwalk and are also common laboratory contaminants.

TBA Reported in the October 19, 2020, Equipment Blank Sample

The October 19, 2020, equipment blank sample was collected after initial decontamination of the submersible pump and prior to groundwater sampling. All of the groundwater samples collected on October 19, 2020, were non-detect for TBA. Therefore, the reported presence of 18 $\mu\text{g/L}$ TBA in the equipment blank did not affect the TBA results for the 10 groundwater samples collected on October 19, 2020.

TPHd Reported in the October 21, 2020, Equipment Blank Sample

The October 21, 2020, equipment blank sample was collected after initial decontamination of the submersible pump and prior to groundwater sampling. The monitoring well sampled immediately following this equipment blank sample is GMW-61, reported to contain 100 $\mu\text{g/L}$ TPHd (the same concentration reported in the equipment blank). Although GMW-61 was non-detect (<100 $\mu\text{g/L}$) for TPHd during the previous sampling event in May 2020, that was the only historical non-detect for this well and all previously historical results for TPHd were greater than 100 $\mu\text{g/L}$. Although there

remains a slim possibility that the TPHd reported in GMW-61 is related to residual TPHd indicated by the presence of TPHd in the equipment blank, it is more likely that the reported concentration is representative of groundwater at GMW-61. Because the second groundwater sample collected on October 21, 2020, was reported to contain a much higher concentration of TPHd (8,000 µg/L in GW-16), TPHd detections in subsequent samples are not related to residual TPHd reported in the equipment blank. Note that EXP-3 was sampled immediately following GW-15, and the sample from EXP-3 was non-detect (<100 µg/L) for TPHd. This result improves our confidence in the field decontamination procedures, due to the very high concentration reported in GW-15.

TBA Reported in the October 26, 2020, Trip Blank Sample

The October 26, 2020, trip blank sample was reported to contain 22 µg/L TBA. With the exceptions of the concentrations of TBA reported in TF-23 (1,300 µg/L, the historical high) and TF-16 (30 µg/L, the historical high), all TBA results for the remaining groundwater samples submitted with this trip blank were within the range of historical concentrations. Therefore, if any of the groundwater samples contained TBA due to cross-contamination, it would most likely be the sample from TF-16.

TBA Reported in the October 28, 2020, Equipment and Trip Blank Samples

Only one groundwater sample (from TF-20R) was submitted with these two samples, and the equipment blank sample was collected after initial decontamination of the submersible pump and prior to sampling TF-20R. However, because the concentration of TBA reported in TF-20R (48 µg/L) is less than the concentration of TBA reported in the equipment blank sample (29 µg/L), the TBA reported in TF-20R could not be solely related to any residual TBA present following decontamination. Because the concentration of TBA reported in the trip blank (54 µg/L) is greater than the TBA concentrations reported in both TF-20R and the equipment blank, the TBA reported in all three samples could possibly be related to another (post-sampling) source. Because this is the first time TBA was reported in TF-20R, the presence of TBA in this well will be confirmed during future monitoring events.

Due to the reported detections in equipment blank and trip blank samples during this sampling event, SGI will review field sampling and equipment decontamination procedures with the field staff and conduct field audits to observe field procedures and ensure all sampling and decontamination procedures are followed.

4.3 Water Disposal

Purged groundwater from DLA sampling activities (approximately 148 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. Purged groundwater extracted by Blaine Tech on behalf of SFPP (approximately 63 gallons) was treated at SFPP's on-site remediation system located in the south-central area of the Site and discharged under National Pollutant Discharge Elimination System (NPDES) Permit No. CA0063509.

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 2020 groundwater monitoring and sampling event conducted at the DFSP Norwalk. During the second semiannual 2020 event, liquid levels were gauged in 185 monitoring wells and groundwater samples were collected from 124 wells. Including duplicate, split, and confirmation samples, a total of 140 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 37.74 to 50.37 feet above MSL. The dominant groundwater gradient in the uppermost groundwater zone was toward the northwest, with local deviations. Northwestern gradients ranged from 0.001 to 0.007 ft/ft. Localized groundwater depressions and mounding were indicated in several areas of the Site.

Groundwater elevations in the Exposition Aquifer wells ranged from 17.03 to 17.67 feet above MSL. The groundwater gradient in the Exposition Aquifer was generally northward beneath the central area of the Site, and toward the southeast northwest of the Site. Groundwater gradients were approximately 0.0003 ft/ft.

5.2 Distribution of Floating Product

During this semiannual monitoring event, floating product was measured or observed in six of the 185 wells that were gauged:

- North-central area: RTF-18-E, TFR-22, and TFR-29;
- Eastern area: GMW-68; and
- South-central area: GMW-23 and GMW-O-12.

Floating product present on groundwater during this monitoring event ranged from 0.01 foot, measured thickness, in TFR-29 to 3.85 feet, measured thickness, in GMW-23.

5.3 Dissolved-Phase Constituents

5.3.1 Total Petroleum Hydrocarbons

TPHg were reported in 25 of the 124 sampled wells at concentrations ranging up to 10,000 µg/L in south-central area off-site well MW-O-2. TPHg were reported at the historical high in GMW-O-16, and at historical lows in GMW-25, TF-16, TF-18, and TF-20R. TPHg were not reported in samples collected from the Exposition Aquifer wells during this sampling event.

TPHd were reported in 65 of the 124 sampled wells at concentrations ranging up to 110,000 µg/L in south-central on-site well MW-SF-6. TPHd were reported in the sample collected by SGI from Exposition Aquifer well EXP-1 (200 µg/L) on October 22, 2020. Note that TPHd were not detected at or above the 50-µg/L laboratory reporting limit in the two samples collected from EXP-1 by Blaine

Tech on November 4, 2020. TPHd were reported at historical highs in four wells (GW-14R, MW-SF-6, TF-18, and TF-24) and were reported at historical lows in 12 wells (GMW-9, GMW-18, GMW-25, GMW-30, GMW-45, GMW-58, GMW-62, GMW-O-23, MW-SF-4, TF-17R, TF-20R, and TF-23). This is the first time TPHd were not detected in GMW-9 and GMW-58.

5.3.2 Benzene

Benzene was reported in 19 of the 124 sampled wells. Benzene concentrations ranged from non-detect (<0.50 µg/L) in many of the wells to 6,200 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-O-15, GW-14R, MW-SF-13, MW-SF-15, TF-18, and TF-20R. This is the first time benzene was not detected in GMW-O-15, MW-SF-15, and TF-20R.

5.3.3 1,2-Dichloroethane

1,2-DCA was reported in seven of the 124 sampled wells. 1,2-DCA concentrations ranged from non-detect (<0.50 µg/L) in the majority of the wells to 2.5 µg/L reported in MW-20(MID). 1,2-DCA was reported in western off-site wells WCW-3 and WCW-6. 1,2-DCA was not detected in any other off-site wells during this sampling event. 1,2-DCA was not detected in any of the Exposition Aquifer wells during this sampling event.

5.3.4 Methyl Tertiary-Butyl Ether

MTBE was reported in 23 of the 124 sampled wells. Concentrations of MTBE ranged from non-detect in many of the wells to 210 µg/L reported in southeastern off-site well PZ-5. MTBE was reported in western off-site well WCW-4, southern off-site wells GMW-O-20 and MW-O-2, and in southeastern off-site wells GMW-O-16 and PZ-5. MTBE was also reported in one of the Exposition Aquifer wells during this sampling event (1.2 and 0.54 µg/L in EXP-2). MTBE was reported at historical highs in GMW-7 and TF-23, and was reported at the historical low in MW-SF-15.

5.3.5 Tertiary-Butyl Alcohol

TBA was reported in 21 of the 124 sampled wells. Concentrations of TBA ranged from non-detect (<10 µg/L) in many of the wells to 25,000 µg/L in 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 historical highs in MW-27, TF-16, TF-18, TF-20R, and TF-23, and at the historical low in MW-SF-15. This is the first time TBA was reported in TF-20R.

5.3.6 Other Fuel Oxygenates

Groundwater samples collected during the Fall 2020 sampling event were analyzed for additional fuel oxygenates including ETBE, TAME, and DIPE. TAME was reported in southeastern off-site well PZ-5. DIPE was reported in 11 of the 124 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 120 µg/L in the southern off-site well GMW-O-14. ETBE was not detected in any of the groundwater samples collected during the current sampling event. DIPE was reported at historical

highs in GMW-O-23 and MW-SF-6 and at historical lows in GMW-28, GMW-30, MW-18(MID), MW-19(MID), and MW-20(MID).

6.0 LIMITATIONS

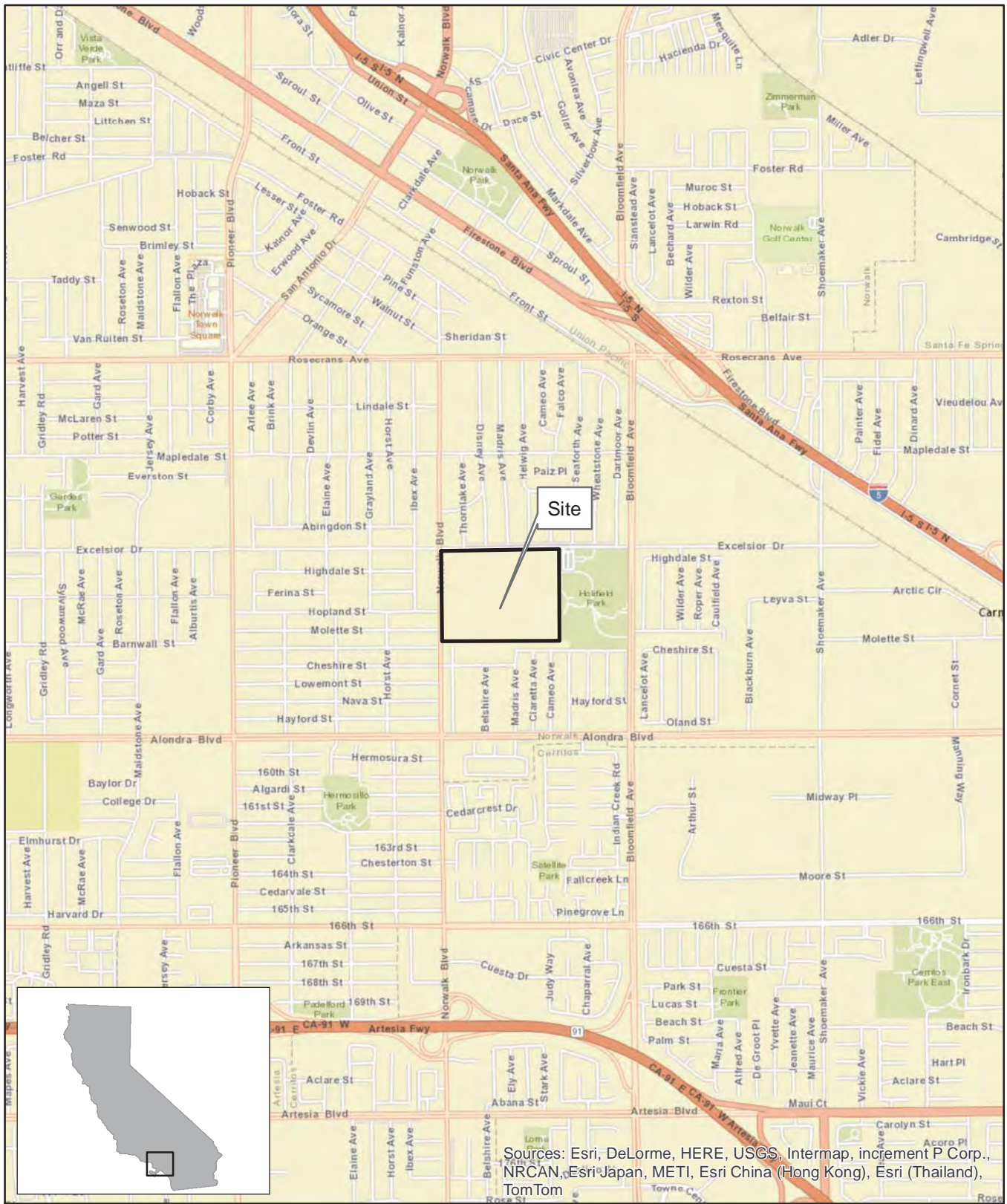
This document was prepared for the exclusive use of the DLA and the RWQCB for the express purpose of complying with a client- or regulatory directive for environmental investigation or restoration. The presented findings and recommendations in this report are intended to be taken in their entirety to assist DLA and RWQCB personnel in applying their own professional judgment in making decisions related to the property. SGI 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 or DLA. To the extent that this report is based on information provided to SGI by third parties, including DLA, their direct contractors, previous workers, and other stakeholders, SGI cannot guarantee the completeness or accuracy of this information, even where efforts were made to verify third-party information.

SGI 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 cannot provide conclusions on environmental conditions outside the completed scope of work. SGI 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

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- CH2M Hill Engineers, Inc. (CH2M). 2013. *Revised Ground Water Sampling and Analysis Plan, SFPP Norwalk Pump Station, 15306 Norwalk Boulevard, Norwalk, California*. May 30.
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- The Source Group, Inc. (SGI). 2014. *Soil Remedial Action Plan, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California*. November 30.
- SGI. 2020. *Second Semiannual 2019 Groundwater Monitoring and Sampling Report, Defense Fuel Support Point Norwalk, 15306 Norwalk Boulevard, Norwalk, California 90650*. January 30.

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

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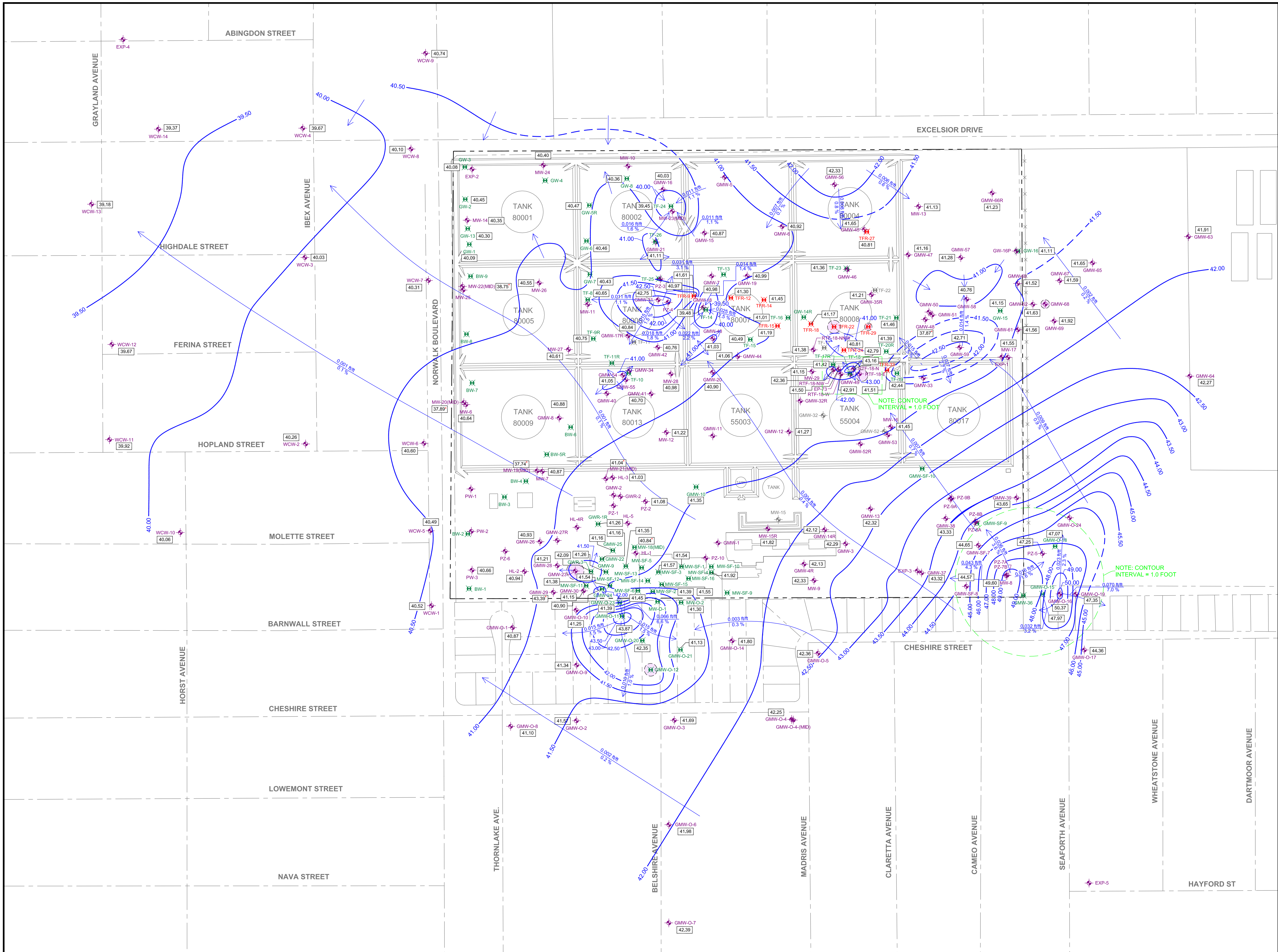


SGI THE SOURCE GROUP, INC.
environmental
1962 FREEMAN AVENUE
SIGNAL HILL, CA 90755
(562) 597-1055

**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 WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
 - EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
 - GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL MEASURED OCTOBER 19 TO NOVEMBER 2, 2020
 - ASTERISK INDICATES DATA NOT USED TO DEVELOP THIS EQUIPOTENTIAL MAP
 - LINE OF EQUAL GROUNDWATER ELEVATION (REFERENCE = MEAN SEA LEVEL) (DASHED WHERE INFERRED) (CONTOUR INTERVAL = 0.5 FOOT (EXCEPT WHERE NOTED))
 - GROUNDWATER GRADIENT DIRECTION WITH GRADIENT IN FEET PER FOOT (R/F) AND PERCENT; DASHED WHERE INFERRED
 - 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 OCTOBER 19 TO NOVEMBER 2, 2020.
 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

APPROXIMATE SCALE IN FEET

0 120 240

DATE: 01/2021 FILE NAME: DFSP-Norwalk-SE2-20.dwg

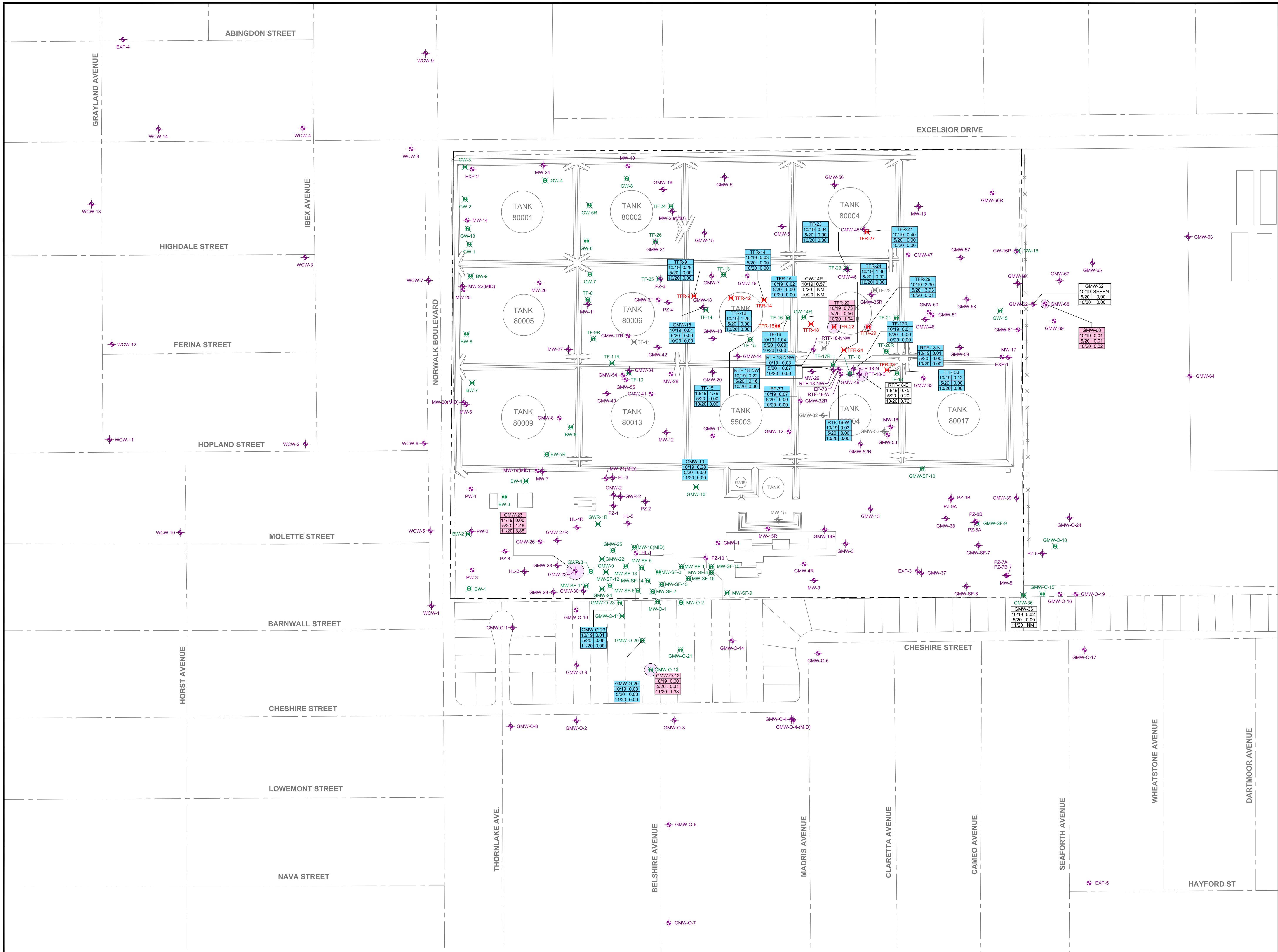
PROJECT No.: 091-NOR-001 CONTRACT: SPO-600-14-D-5410

GROUNDWATER EQUIPOTENTIAL AND GRADIENT MAP UPPERMOST GROUNDWATER ZONE SECOND SEMIANNUAL 2020 MONITORING EVENT


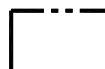

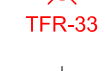



DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

SGI environmental APEX

FIGURE 2

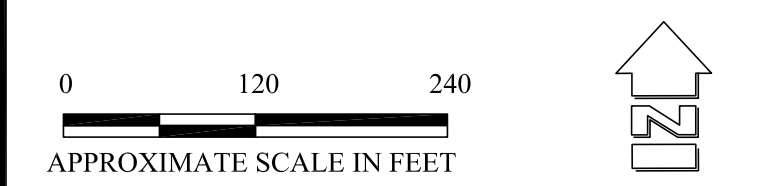


EXPLANATION:

-  FORMER ABOVEGROUND STORAGE TANKS
 -  DFSP NORWALK BORDER
 -  GROUNDWATER MONITORING WELL
 -  TOTAL FLUIDS RECOVERY WELL
 -  WELLS SHOWN IN GREY WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
 -  EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- MEASURED PRODUCT THICKNESS IN FEET FOR THE THREE MOST RECENT SEMI-ANNUAL EVENTS; WHERE THE DATASET IS SHOWN IN WHITE, THE MEASURED THICKNESS HAS REMAINED SIMILAR (CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE FALL 2019 SEMI-ANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
- WHERE THE DATASET IS SHOWN IN RED, THE MEASURED PRODUCT THICKNESS HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMI-ANNUAL MONITORING EVENT
- WHERE THE DATASET IS SHOWN IN BLUE, THE MEASURED PRODUCT THICKNESS HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMI-ANNUAL MONITORING EVENT
- NM NOT MEASURED
-  ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER

SURVEY NOTES:

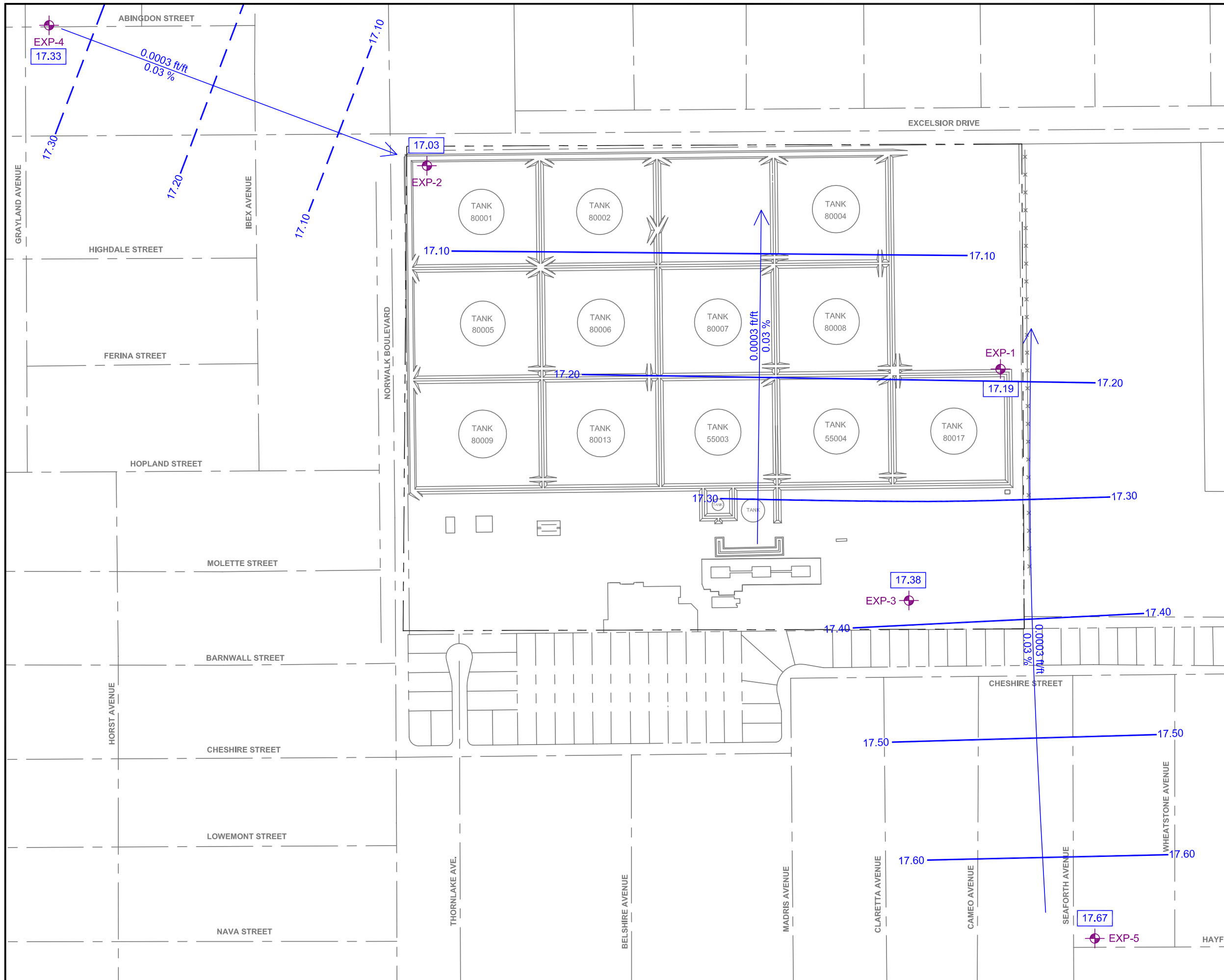
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



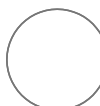



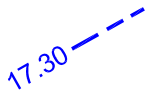
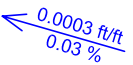
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PROJECT No.: 091-NOR-001	CONTRACT: SPO-600-14-D-5410

DISTRIBUTION OF FLOATING PRODUCT ON GROUNDWATER SECOND SEMI-ANNUAL 2020 MONITORING EVENT

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

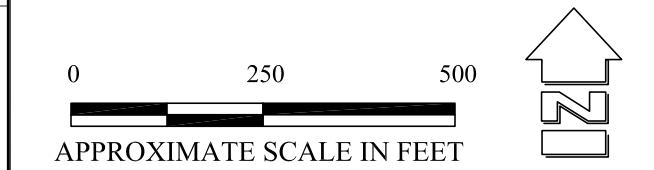


EXPLANATION:

-  FORMER ABOVEGROUND STORAGE TANKS
-  DFSP NORWALK BORDER
-  EXP-5 EXPOSITION AQUIFER MONITORING WELL
-  17.19 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (MSL) MEASURED NOVEMBER 2, 2020
-  17.30 GROUNDWATER EQUIPOTENTIAL LINE (REFERENCE = MEAN SEA LEVEL) CONTOUR INTERVAL = 0.10 FOOT DASHED WHERE INFERRED
-  0.0003 ft/ft 0.03% 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.



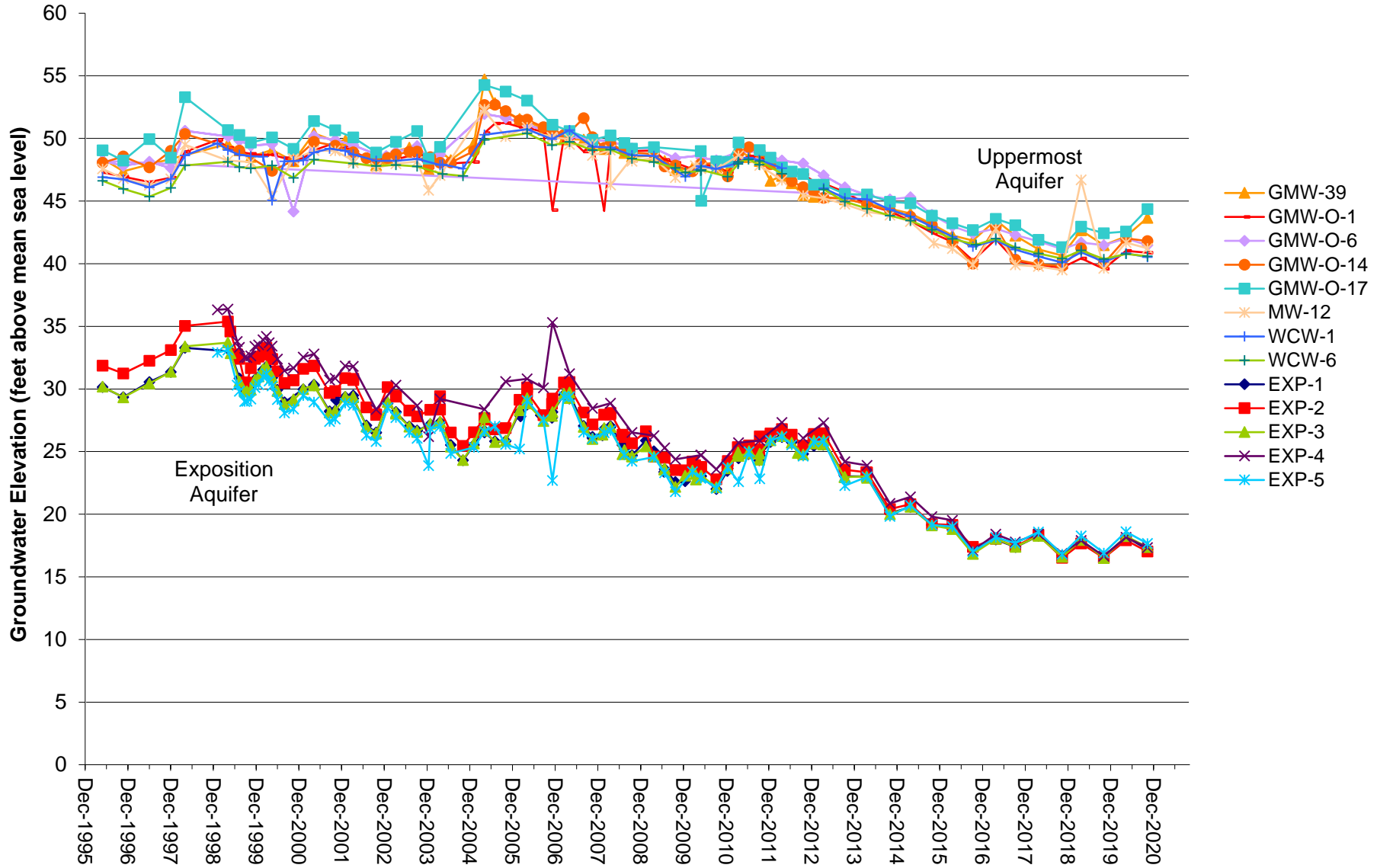
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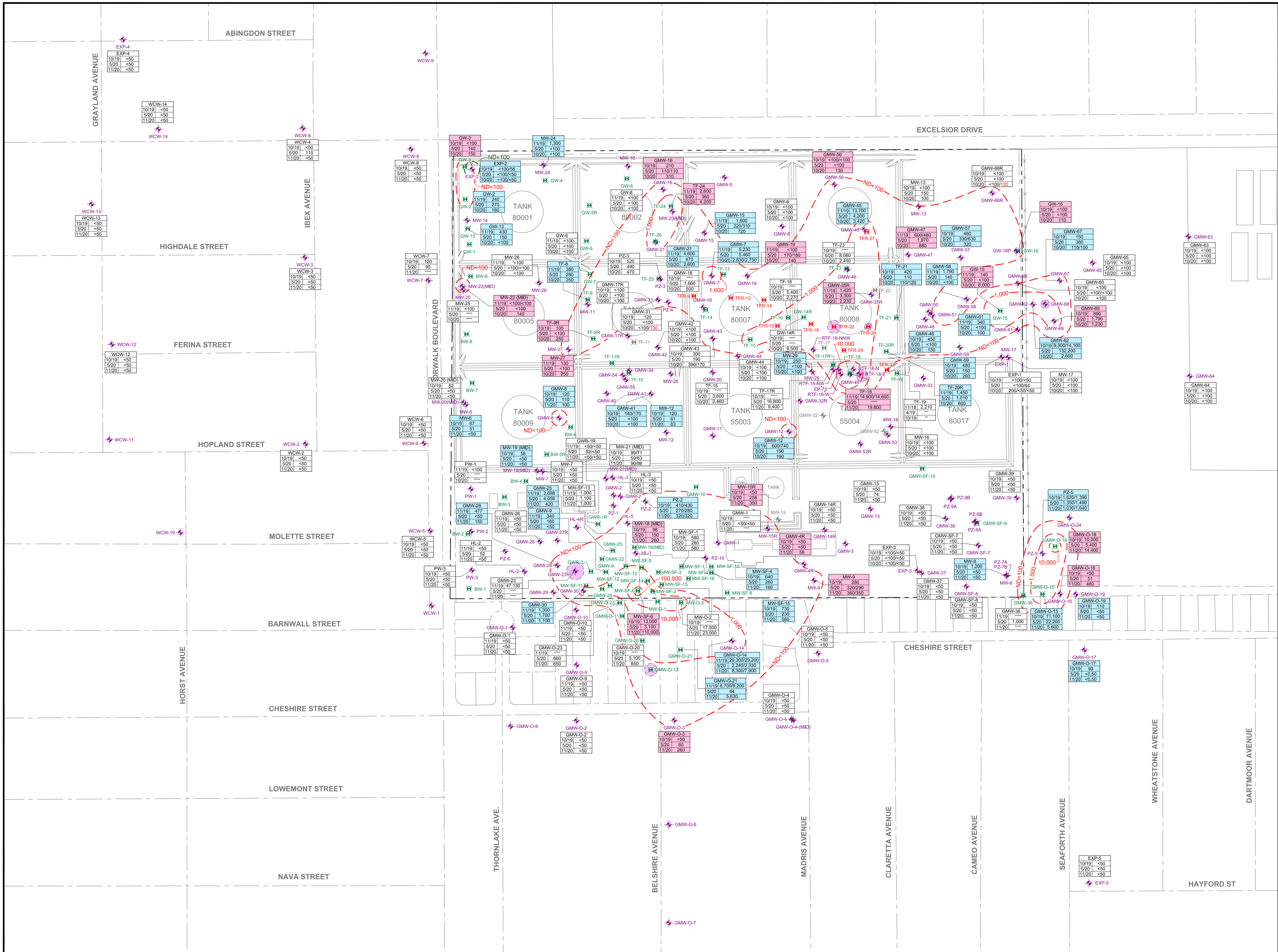
**GROUNDWATER EQUIPOTENTIAL
AND GRADIENT MAP
EXPOSITION AQUIFER
NOVEMBER 2, 2020**

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 WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
- ⊕ TF-26 EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION

GMW-26
10/19 <50
5/20 <50
11/20 <50

GMW-69
10/19 890
5/20 <50
11/20 <50

GMW-59
10/19 480
5/20 150
11/20 200

<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

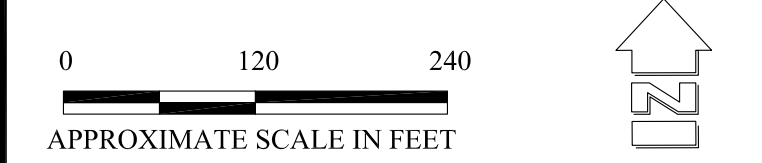
ND<100 ESTIMATED EXTENT OF DISSOLVED TPH IN GROUNDWATER (UPPERMOST AQUIFER) DETECTED AT CONCENTRATIONS ABOVE 100 MICROGRAMS PER LITER (µg/L)

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 4 OR TABLE 2 FOR MEASURED THICKNESSES

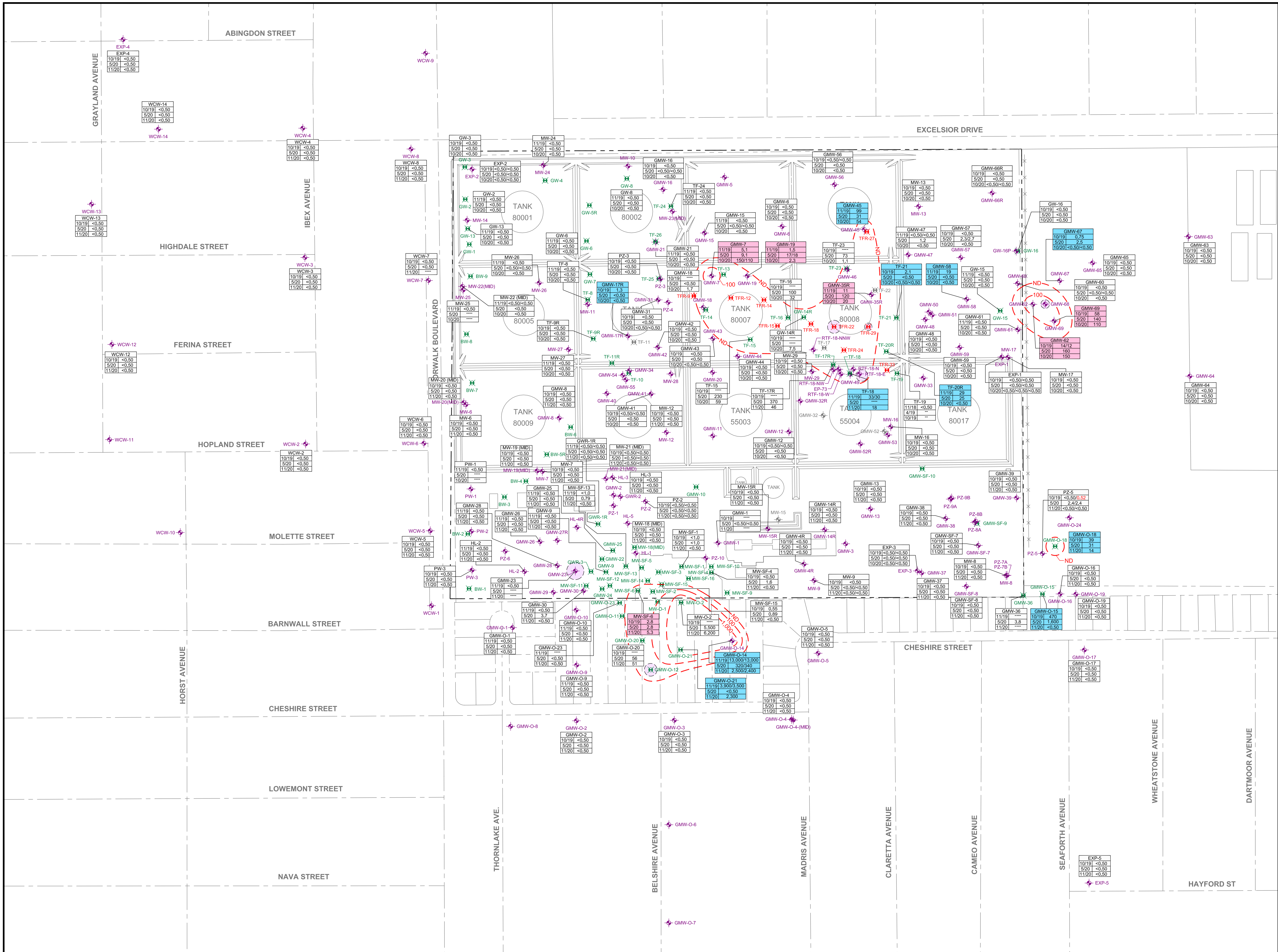
- SURVEY NOTES:**
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 01/2021 FILE NAME: DFSP-Norwalk-SE2-20.dwg
PROJECT No.: 091-NOR-001 CONTRACT: SPO-600-14-D-5410

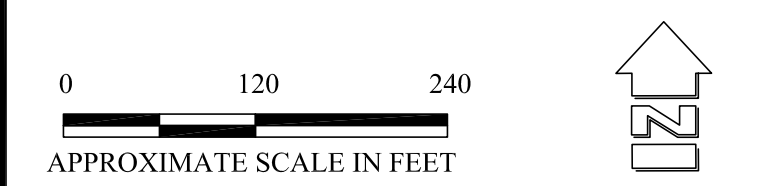
TOTAL PETROLEUM HYDROCARBONS IN GROUNDWATER SECOND SEMIANNUAL 2020 SAMPLING EVENT

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 WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
 - 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:**
- 10/19 <0.50
5/20 <0.50
11/20 <0.50 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 2019 SEMIANNUAL MONITORING EVENT) OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
 - 10/19 58
5/20 140
11/20 110 WHERE THE DATABASE IS SHOWN IN RED, THE CONCENTRATION OF BENZENE HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT
 - 10/19 99
5/20 31
11/20 54 WHERE THE DATABASE IS SHOWN IN BLUE, THE CONCENTRATION OF BENZENE HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL 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 BENZENE IN GROUNDWATER (UPPERMOST AQUIFER)
 - 1,000 ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER (UPPERMOST AQUIFER)
 - ESTIMATED EXTENT OF MEASURABLE LIGHT NONAQUEOUS PHASE LIQUID (LNAPL, FLOATING PRODUCT) ON GROUNDWATER REFER TO FIGURE 4 OR TABLE 2 FOR MEASURED THICKNESSES

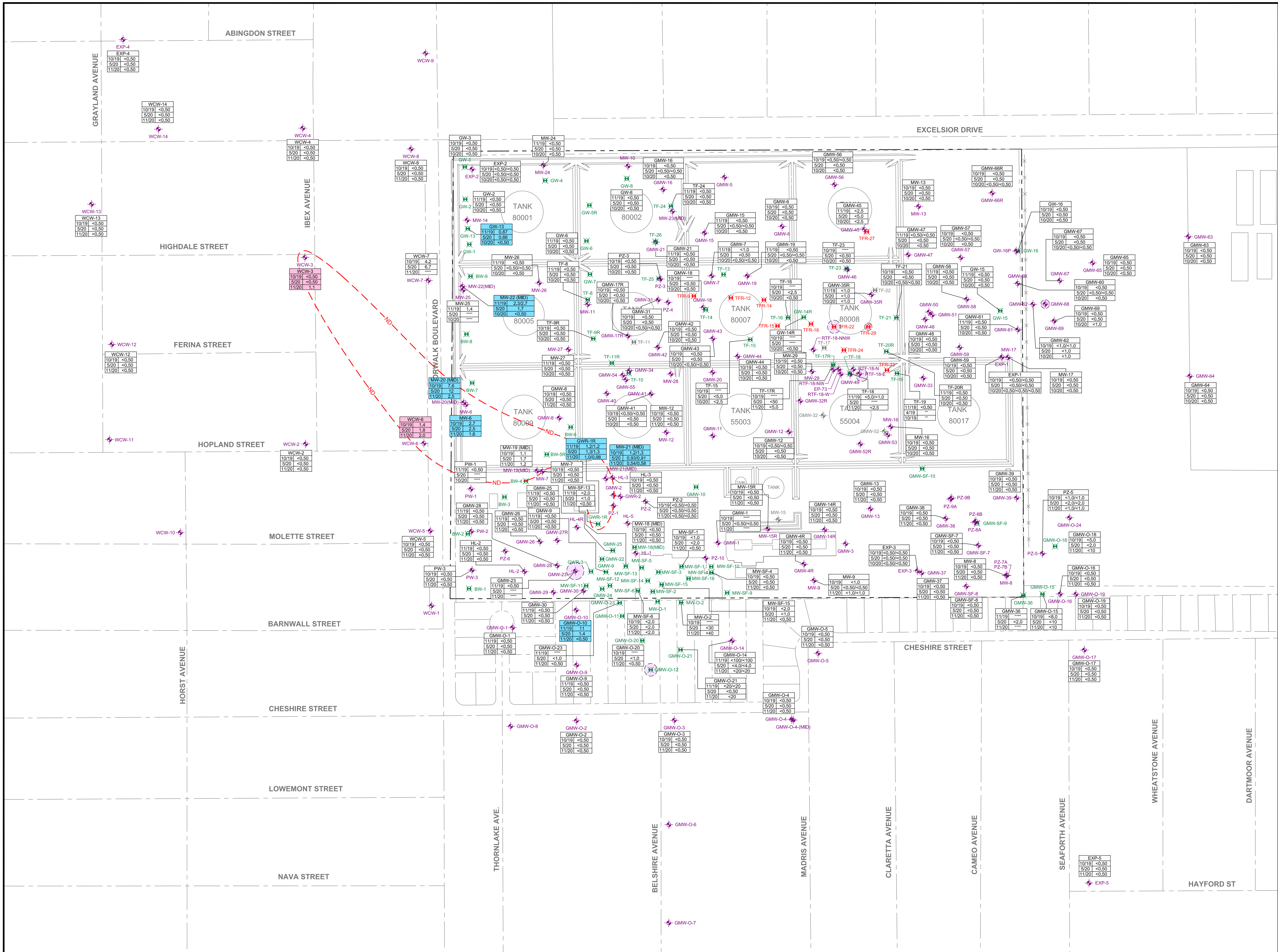
- SURVEY NOTES:**
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
 2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
 3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 01/2021 FILE NAME: DFSP-Norwalk-SE2-20.dwg
PROJECT No.: 091-NOR-001 CONTRACT: SPO-600-14-D-5410

**BENZENE IN GROUNDWATER
SECOND SEMIANNUAL 2020
SAMPLING EVENT**

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

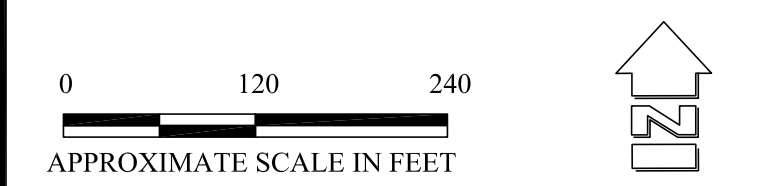


EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- WCV-14 GROUNDWATER MONITORING WELL
- TFR-33 TOTAL FLUIDS RECOVERY WELL
- GMW-14 WELLS SHOWN IN GREY WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
- TF-26 EXTRACTION WELL USED FOR VAPOR, GROUNDWATER, TOTAL FLUIDS, OR FLOATING PRODUCT EXTRACTION
- | | |
|--------|---|
| GMW-25 | 1.2-DICHLOROETHANE (1,2-DCA) CONCENTRATIONS IN MICROGRAMS PER LITER (µg/L) FOR THE THREE MOST RECENT SEMIANNUAL EVENTS: WHERE THE DATABOX IS SHOWN IN WHITE, THE CONCENTRATION OF 1,2-DCA HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON |
| 10/19 | <0.50 |
| 5/20 | <0.50 |
| 11/20 | <0.50 |
- | | |
|-------|---|
| WCV-6 | 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 2019 SEMIANNUAL MONITORING EVENT |
| 10/19 | 1.4 |
| 5/20 | 1.8 |
| 11/20 | 2.0 |
- | | |
|-------|--|
| MW-6 | 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 2019 SEMIANNUAL MONITORING EVENT |
| 10/19 | 2.7 |
| 5/20 | 2.5 |
| 11/20 | 1.8 |
- <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 4 OR TABLE 2 FOR MEASURED THICKNESSES

SURVEY NOTES:

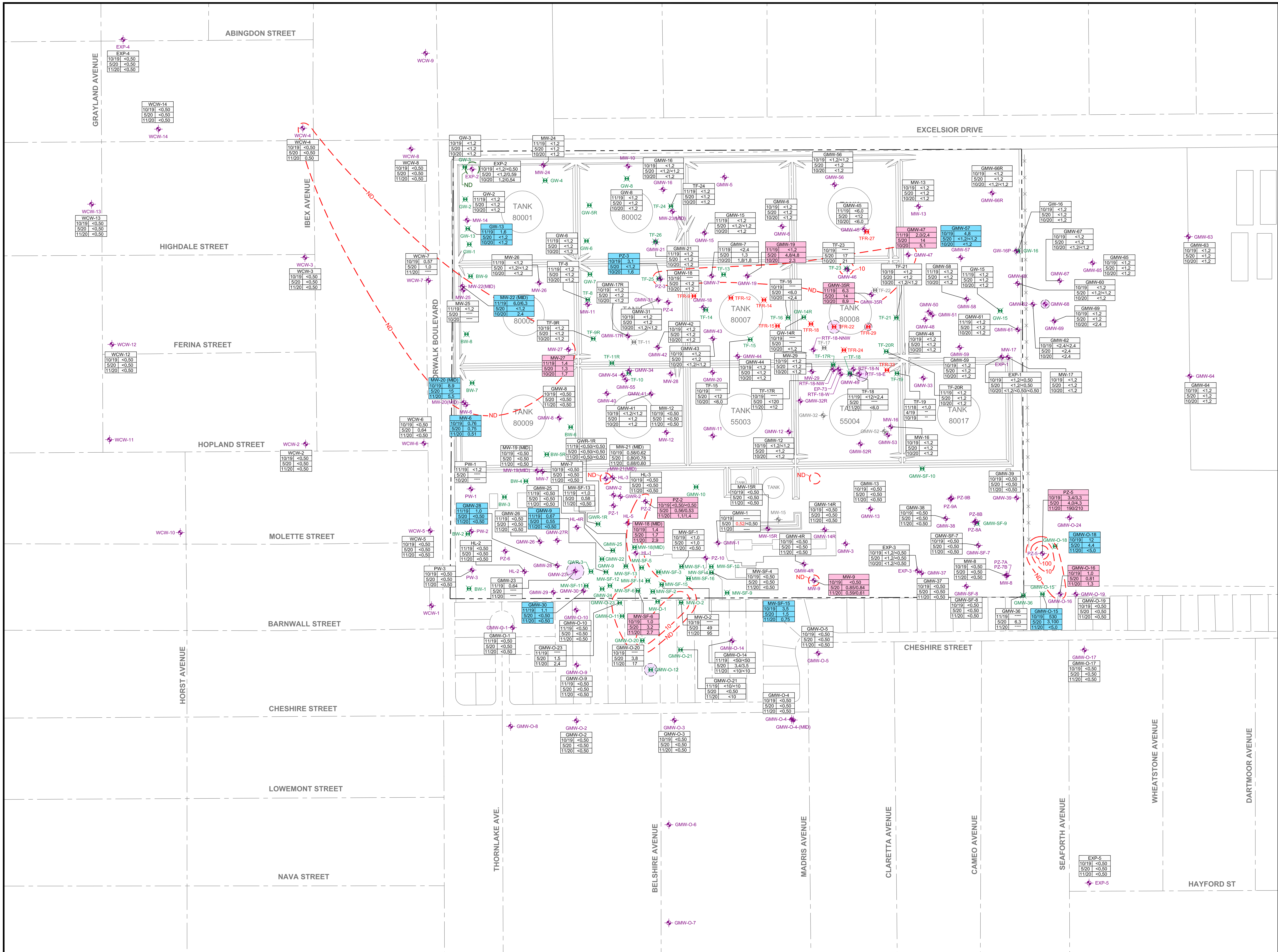
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 01/2021	FILE NAME: DFSP-Norwalk-SE2-20.dwg
PROJECT No.: 091-NOR-001	CONTRACT: SPO-600-14-D-5410

**1,2-DICHLOROETHANE
IN GROUNDWATER
SECOND SEMIANNUAL 2020
SAMPLING EVENT**

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

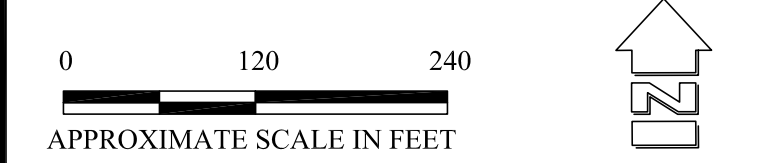


EXPLANATION:

- FORMER ABOVEGROUND STORAGE TANKS
- DFSP NORWALK BORDER
- WCV-14 GROUNDWATER MONITORING WELL
- TFR-33 TOTAL FLUIDS RECOVERY WELL
- GMW-14 WELLS SHOWN IN GREY WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
- 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 DATABOX IS SHOWN IN WHITE, THE CONCENTRATION OF MTBE HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10% AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT; OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON)
- GMW-O-16 WHERE THE DATABOX IS SHOWN IN RED, THE CONCENTRATION OF MTBE HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT
- MW-6 WHERE THE DATABOX IS SHOWN IN BLUE, THE CONCENTRATION OF MTBE HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL 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 LIQUID IN GROUNDWATER (UPPERMOST AQUIFER)
- 1,000 - - 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 4 OR TABLE 2 FOR MEASURED THICKNESSES

SURVEY NOTES:

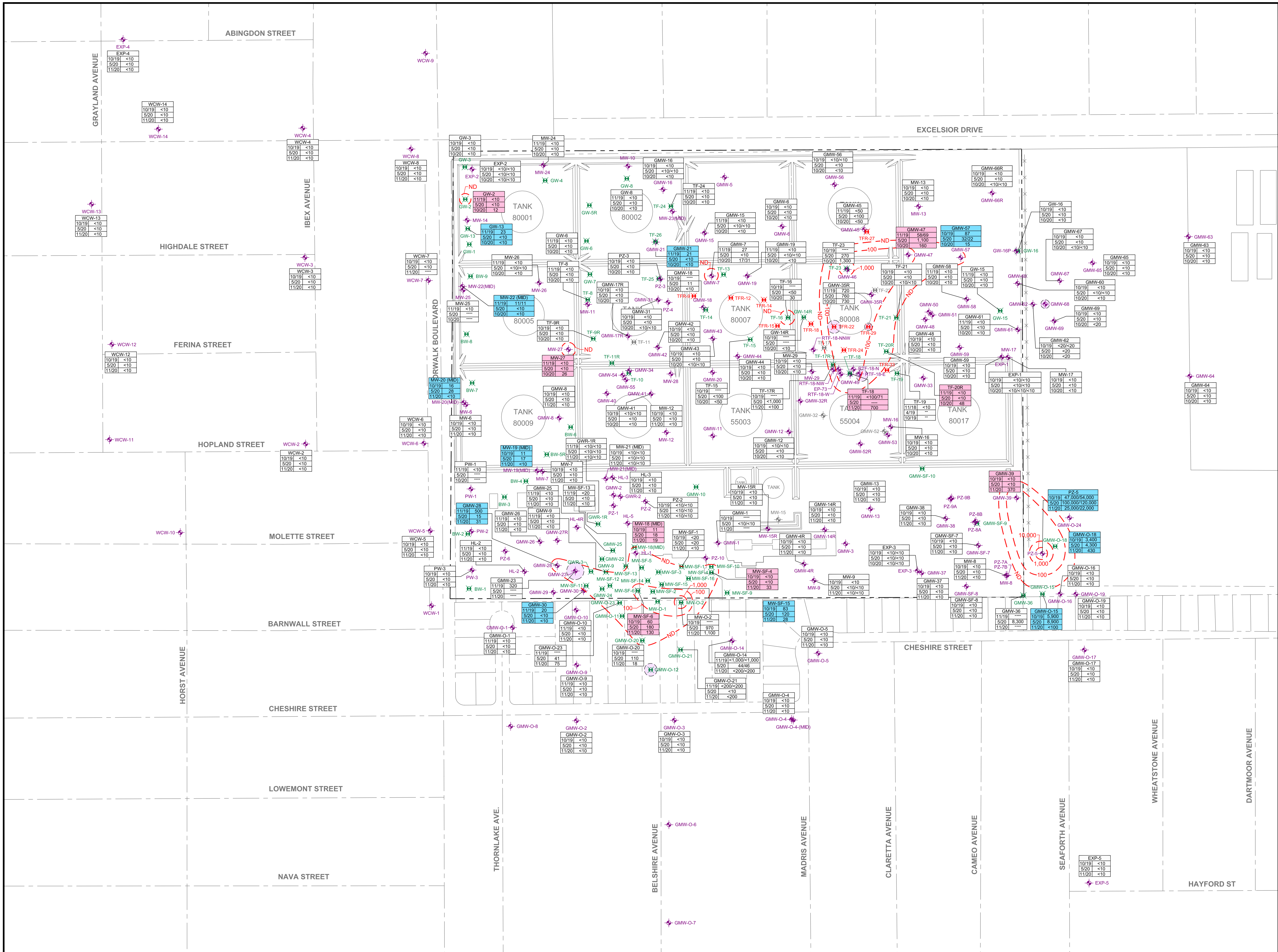
1. BASE MAP PREPARED FROM DATA PROVIDED BY FLUOR DANIEL GTI, DULIN & BOYNTON, GEOMATRIX, AND PARSONS
2. EXCEPT AS NOTED BELOW, WELL LOCATIONS SURVEYED BY DULIN & BOYNTON
3. LOCATIONS OF WELLS HL-1, HL-3, AND HL-4 BASED ON FIELD MEASUREMENTS BY FLUOR DANIEL GTI AND WOODWARD-CLYDE



DATE: 01/2021	FILE NAME: DFSP-Norwalk-SE2-20.dwg
PROJECT No.: 091-NOR-001	CONTRACT: SPO-600-14-D-5410

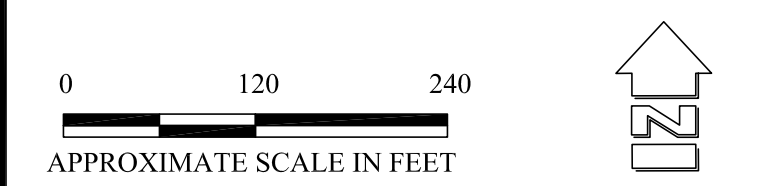
METHYL TERTIARY-BUTYL ETHER IN GROUNDWATER SECOND SEMIANNUAL 2020 SAMPLING EVENT

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 WERE DECOMMISSIONED BY DLA ENERGY PRIOR TO REMEDIAL EXCAVATION
 - 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 DATABASE IS SHOWN IN WHITE. THE CONCENTRATION OF TBA HAS REMAINED SIMILAR (CONCENTRATION CHANGE IS LESS THAN 10%) AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT, OR THE DATASET SHOWN DOES NOT PROVIDE A BASIS FOR COMPARISON
 - WHERE THE DATABASE IS SHOWN IN RED, THE CONCENTRATION OF TBA HAS INCREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT
 - WHERE THE DATABASE IS SHOWN IN BLUE, THE CONCENTRATION OF TBA HAS DECREASED BY 10% OR MORE AT THAT LOCATION SINCE THE FALL 2019 SEMIANNUAL MONITORING EVENT
 - <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
 - ND ESTIMATED EXTENT OF DETECTED DISSOLVED TBA IN GROUNDWATER (UPPERMOST AQUIFER)
 - 1,000 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 4 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: 01/2021	FILE NAME: DFSP-Norwalk-SE2-20.dwg
PROJECT No.: 091-NOR-001	CONTRACT: SPO-600-14-D-5410

**TERTIARY-BUTYL ALCOHOL
IN GROUNDWATER
SECOND SEMIANNUAL 2020
SAMPLING EVENT**

DFSP NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA

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	77.58
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

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-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
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	75.05
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

**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-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
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	76.75
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

**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)
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
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

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)
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
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

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-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
TF-23	07/05/94	GTI	50.5	4	20 - 50	0.020	75.31

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-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 decommissioned by DLA Energy prior to remedial excavation
 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 2020 MONITORING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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	10/19/20	SGI	78.44	----	61.10	----	17.34
EXP-1	11/02/20	SGI	78.44	----	61.25	----	17.19
EXP-1	11/02/20	BT	78.44	----	61.25	----	17.19
EXP-2	10/19/20	SGI	79.43	----	62.27	----	17.16
EXP-2	11/02/20	SGI	79.43	----	62.38	----	17.05
EXP-2	11/02/20	BT	79.43	----	62.40	----	17.03
EXP-3	10/19/20	SGI	77.58	----	60.24	----	17.34
EXP-3	11/02/20	SGI	77.58	----	60.36	----	17.22
EXP-3	11/02/20	BT	77.58	----	60.20	----	17.38
EXP-4	11/02/20	BT	79.81	----	62.48	----	17.33
EXP-5	11/02/20	BT	72.41	----	54.74	----	17.67
Uppermost Aquifer							
EP-73	10/20/20	SGI	77.21	----	35.71	----	41.50
GMW-1	11/02/20	BT	74.77	obstruction at 27.94 feet			
GMW-3	11/02/20	BT	75.10	----	32.81	----	42.29
GMW-4R	11/02/20	BT	75.13	----	33.00	----	42.13
GMW-5	10/19/20	SGI	77.61	obstruction at 28.54 feet			
GMW-6	10/19/20	SGI	77.31	----	36.39	----	40.92
GMW-7	10/19/20	SGI	76.87	----	35.89	----	40.98
GMW-8	11/02/20	BT	73.20	----	32.32	----	40.88
GMW-9	11/02/20	BT	77.16	----	35.90	----	41.26
GMW-10	11/02/20	BT	73.35	----	32.00	----	41.35
GMW-12	10/19/20	SGI	75.21	----	33.94	----	41.27
GMW-12	11/02/20	SGI	75.21	----	33.88	----	41.33
GMW-13	11/02/20	BT	74.17	----	31.85	----	42.32
GMW-14R	11/02/20	BT	75.30	----	33.18	----	42.12
GMW-15	10/19/20	SGI	76.21	----	35.34	----	40.87
GMW-15	11/02/20	SGI	76.21	----	35.41	----	40.80
GMW-16	10/19/20	SGI	77.00	----	36.97	----	40.03
GMW-17R	10/19/20	SGI	77.79	----	36.95	----	40.84
GMW-18	10/19/20	SGI	75.36	----	35.88	----	39.48
GMW-19	10/19/20	SGI	76.83	----	35.84	----	40.99
GMW-19	11/02/20	SGI	76.83	----	35.91	----	40.92
GMW-20	10/19/20	SGI	75.10	----	34.20	----	40.90
GMW-21	10/19/20	SGI	76.23	----	35.12	----	41.11
GMW-22	11/02/20	BT	77.24	----	36.08	----	41.16
GMW-23	11/02/20	BT	74.85	33.05	36.90	3.85	NC
GMW-24	11/02/20	BT	77.48	----	36.58	----	40.90
GMW-25	11/02/20	BT	78.14	----	36.98	----	41.16
GMW-26	11/02/20	BT	74.52	----	33.59	----	40.93
GMW-28	11/02/20	BT	74.68	----	33.47	----	41.21
GMW-29	11/02/20	BT	77.57	----	34.18	----	43.39
GMW-30	11/02/20	BT	74.91	----	33.76	----	41.15

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2020 MONITORING EVENT
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	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-31	10/19/20	SGI	76.50	----	33.75	----	42.75
GMW-31	11/02/20	SGI	76.50	----	33.90	----	42.60
GMW-32R	10/19/20	SGI	76.93	obstruction at 28.18 feet			
GMW-33	10/19/20	SGI	74.88	obstruction at 16.23 feet			
GMW-35R	10/19/20	SGI	75.90	----	34.69	----	41.21
GMW-35R	11/02/20	SGI	75.90	----	34.86	----	41.04
GMW-36	11/02/20	BT	76.66	not gauged due to heavy slime/sludge			
GMW-37	11/02/20	BT	77.32	----	34.00	----	43.32
GMW-38	11/02/20	BT	75.47	----	32.14	----	43.33
GMW-39	11/02/20	BT	75.05	----	31.40	----	43.65
GMW-40	10/19/20	SGI	NS	unable to locate well			
GMW-41	10/19/20	SGI	72.69	----	31.99	----	40.70
GMW-42	10/19/20	SGI	75.50	----	34.74	----	40.76
GMW-43	10/19/20	SGI	76.07	----	35.04	----	41.03
GMW-44	10/19/20	SGI	75.71	----	34.65	----	41.06
GMW-45	10/19/20	SGI	75.67	----	34.02	----	41.65
GMW-47	10/19/20	SGI	75.98	----	34.82	----	41.16
GMW-48	10/19/20	SGI	75.03	----	37.16	----	37.87
GMW-54	10/19/20	SGI	74.73	----	33.68	----	41.05
GMW-54	11/02/20	SGI	74.73	----	33.82	----	40.91
GMW-56	10/19/20	SGI	76.52	----	34.19	----	42.33
GMW-56	11/02/20	SGI	76.52	----	34.31	----	42.21
GMW-57	10/19/20	SGI	76.66	----	35.38	----	41.28
GMW-57	11/02/20	SGI	76.66	----	35.47	----	41.19
GMW-58	10/19/20	SGI	75.48	----	34.72	----	40.76
GMW-59	10/19/20	SGI	75.28	----	32.57	----	42.71
GMW-59	11/02/20	SGI	75.28	----	32.56	----	42.72
GMW-60	10/19/20	SGI	76.24	----	34.72	----	41.52
GMW-60	11/02/20	SGI	76.24	----	34.84	----	41.40
GMW-61	10/19/20	SGI	75.60	----	34.04	----	41.56
GMW-62	10/19/20	SGI	76.34	----	34.71	----	41.63
GMW-63	10/19/20	SGI	77.32	----	35.41	----	41.91
GMW-64	10/19/20	SGI	75.84	----	33.57	----	42.27
GMW-65	10/19/20	SGI	76.78	----	35.13	----	41.65
GMW-66R	10/19/20	SGI	79.23	----	38.00	----	41.23
GMW-66R	11/02/20	SGI	79.23	----	38.08	----	41.15
GMW-67	10/19/20	SGI	76.00	----	34.41	----	41.59
GMW-68	10/19/20	SGI	75.52	33.86	33.88	0.02	NC
GMW-69	10/19/20	SGI	75.31	----	33.39	----	41.92
GMW-O-1	11/02/20	BT	71.45	----	30.58	----	40.87
GMW-O-2	11/02/20	BT	72.54	----	30.97	----	41.57
GMW-O-3	11/02/20	BT	72.19	----	30.50	----	41.69
GMW-O-4	11/02/20	BT	71.95	----	29.70	----	42.25
GMW-O-5	11/02/20	BT	72.36	----	30.00	----	42.36
GMW-O-6	11/02/20	BT	71.41	----	29.43	----	41.98

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2020 MONITORING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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-7	11/02/20	BT	70.98	----	28.59	----	42.39	
GMW-O-8	11/02/20	BT	70.91	----	29.81	----	41.10	
GMW-O-9	11/02/20	BT	73.50	----	32.16	----	41.34	
GMW-O-10	11/02/20	BT	73.98	----	32.73	----	41.25	
GMW-O-11	11/02/20	BT	74.17	----	30.30	----	43.87	
GMW-O-12	11/02/20	BT	73.49	30.27	31.65	1.38	NC	
GMW-O-14	11/02/20	BT	74.08	----	32.28	----	41.80	
GMW-O-15	11/02/20	BT	74.86	----	26.89	----	47.97	
GMW-O-16	11/02/20	BT	74.10	----	23.73	----	50.37	
GMW-O-17	11/02/20	BT	73.78	----	29.42	----	44.36	
GMW-O-18	11/02/20	BT	74.32	----	27.25	----	47.07	
GMW-O-19	11/02/20	BT	74.46	----	27.11	----	47.35	
GMW-O-20	11/02/20	BT	73.32	----	30.97	----	42.35	
GMW-O-21	11/02/20	BT	71.43	----	30.30	----	41.13	
GMW-O-23	11/02/20	BT	73.63	----	32.24	----	41.39	
GMW-O-24	11/02/20	BT	74.39	unable to locate well				
GMW-SF-7	11/02/20	BT	75.26	----	30.61	----	44.65	
GMW-SF-8	11/02/20	BT	76.75	----	32.18	----	44.57	
GW-1	10/19/20	SGI	75.97	----	35.88	----	40.09	
GW-2	10/19/20	SGI	75.78	----	35.33	----	40.45	
GW-3	10/19/20	SGI	75.79	----	35.71	----	40.08	
GW-3	11/02/20	SGI	75.79	----	35.79	----	40.00	
GW-4	10/19/20	SGI	73.86	obstruction at 26.37 feet				
GW-5R	10/19/20	SGI	79.06	----	38.59	----	40.47	
GW-6	10/19/20	SGI	76.38	----	35.92	----	40.46	
GW-7	10/19/20	SGI	75.02	----	34.59	----	40.43	
GW-8	10/19/20	SGI	76.15	----	35.79	----	40.36	
GW-8	11/02/20	SGI	76.15	----	35.84	----	40.31	
GW-13	10/19/20	SGI	76.85	----	36.55	----	40.30	
GW-14R	10/19/20	SGI	78.77	well under vacuum, could not gauge				
GW-15	10/19/20	SGI	74.94	----	33.79	----	41.15	
GW-16	10/19/20	SGI	76.33	----	35.22	----	41.11	
GWR-1R	11/02/20	BT	76.64	----	35.38	----	41.26	
GWR-3	11/02/20	BT	77.60	----	35.51	----	42.09	
HL-2	11/02/20	BT	76.94	----	36.00	----	40.94	
HL-3	11/02/20	BT	76.86	----	35.83	----	41.03	
MW-6	11/02/20	BT	77.20	----	36.56	----	40.64	
MW-7	11/02/20	BT	78.13	----	37.26	----	40.87	
MW-8	11/02/20	BT	76.06	----	26.46	----	49.60	
MW-9	11/02/20	BT	77.11	----	34.78	----	42.33	
MW-12	11/02/20	BT	75.76	----	34.54	----	41.22	
MW-13	10/19/20	SGI	78.25	----	37.12	----	41.13	
MW-13	11/02/20	SGI	78.25	----	37.23	----	41.02	
MW-14	10/19/20	SGI	78.60	----	38.25	----	40.35	
MW-15R	11/02/20	BT	74.85	----	33.03	----	41.82	

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2020 MONITORING EVENT
Defense Fuel Support Point Norwalk
15306 Norwalk Boulevard, Norwalk, California 90650

Well	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-16	10/19/20	SGI	76.87	----	35.42	----	41.45	
MW-17	10/19/20	SGI	77.86	----	36.31	----	41.55	
MW-18 (MID)	11/02/20	BT	75.67	----	34.83	----	40.84	
MW-19 (MID)	11/02/20	BT	78.14	----	40.40	----	37.74	
MW-20 (MID)	11/02/20	BT	77.19	----	38.90	----	38.29	
MW-21 (MID)	11/02/20	BT	77.55	----	36.51	----	41.04	
MW-22 (MID)	10/19/20	SGI	79.57	----	40.82	----	38.75	
MW-22 (MID)	11/02/20	SGI	79.57	----	40.91	----	38.66	
MW-24	10/19/20	SGI	77.66	----	37.26	----	40.40	
MW-26	10/19/20	SGI	77.40	----	36.85	----	40.55	
MW-26	11/02/20	SGI	77.40	----	36.93	----	40.47	
MW-27	10/19/20	SGI	78.46	----	37.85	----	40.61	
MW-28	10/19/20	SGI	75.90	----	34.92	----	40.98	
MW-28	11/02/20	SGI	75.90	----	34.95	----	40.95	
MW-29	10/19/20	SGI	79.13	----	37.98	----	41.15	
MW-O-1	11/02/20	BT	75.48	----	DRY (39.27)	----	----	
MW-O-2	11/02/20	BT	71.90	----	30.60	----	41.30	
MW-SF-1	11/02/20	BT	78.93	----	37.39	----	41.54	
MW-SF-2	11/02/20	BT	78.53	----	37.14	----	41.39	
MW-SF-3	11/02/20	BT	78.12	----	36.55	----	41.57	
MW-SF-4	11/02/20	BT	79.38	----	37.46	----	41.92	
MW-SF-5	11/02/20	BT	79.74	----	DRY (38.20)	----	----	
MW-SF-6	11/02/20	BT	76.80	----	35.35	----	41.45	
MW-SF-9	11/02/20	BT	74.10	obstruction at 6.58 feet				
MW-SF-10	11/02/20	BT	76.53	----	DRY (28.20)	----	----	
MW-SF-11	11/02/20	BT	78.56	----	37.18	----	41.38	
MW-SF-12	11/02/20	BT	78.07	----	36.53	----	41.54	
MW-SF-13	11/02/20	BT	73.40	----	32.05	----	41.35	
MW-SF-14	11/02/20	BT	78.16	----	DRY (35.80)	----	----	
MW-SF-15	11/02/20	BT	78.27	----	36.72	----	41.55	
MW-SF-16	11/02/20	BT	78.21	----	DRY (33.13)	----	----	
PW-1	11/02/20	BT	75.52	obstruction at 29.53 feet				
PW-2	11/02/20	BT	74.71	obstruction at 25.79 feet				
PW-3	11/02/20	BT	73.71	----	33.05	----	40.66	
PZ-2	11/02/20	BT	73.96	----	32.88	----	41.08	
PZ-3	10/19/20	SGI	76.17	----	35.20	----	40.97	
PZ-5	11/02/20	BT	73.97	----	26.72	----	47.25	
PZ-10	11/02/20	BT	74.34	obstruction at 27.81 feet				
RTF-18-E	10/19/20	SGI	74.63	32.78	33.54	0.76	NC	
RTF-18-N	10/19/20	SGI	75.17	----	32.01	----	43.16	
RTF-18-NNW	10/19/20	SGI	74.88	----	33.50	----	41.38	
RTF-18-NW	10/19/20	SGI	74.28	----	31.92	----	42.36	
RTF-18-W	10/19/20	SGI	74.37	----	31.46	----	42.91	
TF-8	10/19/20	SGI	74.86	----	34.21	----	40.65	
TF-9R	10/19/20	SGI	78.00	----	37.25	----	40.75	

TABLE 2
GROUNDWATER ELEVATIONS AND MEASURED PRODUCT THICKNESSES
SECOND SEMIANNUAL 2020 MONITORING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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)
TF-15	10/19/20	SGI	74.78	----	34.29	----	40.49
TF-16	10/19/20	SGI	75.89	----	34.88	----	41.01
TF-17R/EP-72	10/19/20	SGI	77.63	----	36.21	----	41.42
TF-18	10/19/20	SGI	74.16	----	31.37	----	42.79
TF-19	10/19/20	SGI	75.07	----	32.63	----	42.44
TF-19	11/02/20	SGI	75.07	----	32.41	----	42.66
TF-20R	10/19/20	SGI	75.26	----	33.87	----	41.39
TF-21	10/19/20	SGI	77.91	----	36.45	----	41.46
TF-23	10/19/20	SGI	75.31	----	33.95	----	41.36
TF-24	10/19/20	SGI	76.43	----	36.98	----	39.45
TFR-9	10/19/20	SGI	77.06	----	35.45	----	41.61
TFR-12	10/19/20	SGI	76.81	----	35.51	----	41.30
TFR-14	10/19/20	SGI	77.34	----	35.89	----	41.45
TFR-15	10/19/20	SGI	76.89	----	35.70	----	41.19
TFR-18	10/19/20	SGI	75.18	----	34.01	----	41.17
TFR-22	10/20/20	SGI	74.65	34.50	35.54	1.04	NC
TFR-24	10/20/20	SGI	74.42	----	33.61	----	40.81
TFR-27	10/19/20	SGI	74.65	----	33.84	----	40.81
TFR-29	10/20/20	SGI	74.69	32.16	32.17	0.01	NC
TFR-33	10/20/20	SGI	75.12	----	33.61	----	41.51
VEW-1	11/02/20	BT	NS	----	DRY (12.34)	----	----
VEW-2	11/02/20	BT	NS	----	DRY (28.60)	----	----
WCW-1	11/02/20	BT	72.86	----	32.34	----	40.52
WCW-2	11/02/20	BT	75.34	----	35.08	----	40.26
WCW-3	11/02/20	BT	76.16	----	36.13	----	40.03
WCW-4	11/02/20	BT	78.05	----	38.38	----	39.67
WCW-5	11/02/20	BT	73.49	----	33.00	----	40.49
WCW-6	11/02/20	BT	75.52	----	34.92	----	40.60
WCW-7	11/02/20	BT	76.44	----	36.13	----	40.31
WCW-8	11/02/20	BT	77.34	----	37.24	----	40.10
WCW-9	11/02/20	BT	77.74	----	37.00	----	40.74
WCW-10	11/02/20	BT	74.06	----	34.00	----	40.06
WCW-11	11/02/20	BT	75.29	----	35.37	----	39.92
WCW-12	11/02/20	BT	76.27	----	36.60	----	39.67
WCW-13	11/02/20	BT	77.70	----	38.52	----	39.18
WCW-14	11/02/20	BT	78.81	----	39.44	----	39.37

Notes: feet MSL = feet below mean sea level
 feet btc = feet below top of casing
 SGI = The Source Group, Inc.
 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	20-Oct-20	100
GMW-7	5.68	28-May-96	0.00	19-Oct-20	100
GMW-11	2.00*	7-Aug-01	0.00	2-Oct-17	100
GMW-12	0.66	28-May-96	0.00	2-Nov-20	100
GMW-15	0.45*	28-May-96	0.00	2-Nov-20	100
GMW-17/GMW-17R	5.82	31-Dec-97	0.00	19-Oct-20	100
GMW-18	6.03	1-May-98	0.00	19-Oct-20	100
GMW-20	1.12*	7-Aug-01	0.00	19-Oct-20	100
GMW-21	5.32	28-May-96	0.00	19-Oct-20	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	2-Nov-20	100
GMW-41	0.09	15-Apr-14	0.00	19-Oct-20	100
GMW-42	1.47	28-May-96	0.00	19-Oct-20	100
GMW-45	1.42	19-Apr-17	0.00	19-Oct-20	100
GMW-48	2.21	31-Dec-97	0.00	19-Oct-20	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	19-Oct-20	100
GW-7	0.23*	19-Oct-15	0.00	19-Oct-20	100
GW-14/GW-14R	3.47	5-Nov-18	0.57	30-Oct-19	83.6
MW-11	2.89	28-May-96	0.00	5-Apr-13	100
MW-29	0.25	20-Nov-96	0.00	19-Oct-20	100
PZ-3	6.87	1-May-98	0.00	19-Oct-20	100
RTF-18-E	1.68	27-Sep-17	0.76	19-Oct-20	54.8
RTF-18-N	2.65	5-Nov-18	0.00	19-Oct-20	100
RTF-18-NNW	2.60	5-Nov-18	0.00	19-Oct-20	100
RTF-18-NW	2.55	5-Nov-18	0.00	19-Oct-20	100
RTF-18-W	2.65	5-Nov-18	0.00	19-Oct-20	100
TF-9/TF-9R	0.04	25-May-99	0.00	19-Oct-20	100
TF-11	0.18	19-Sep-02	0.00	3-Apr-13	100
TF-13	2.92	31-Dec-97	0.00	3-Apr-13	100
TF-14	4.82	31-Dec-97	0.00	3-Apr-13	100
TF-15	3.77	31-Dec-97	0.00	19-Oct-20	100
TF-16	4.10	31-Dec-97	0.00	19-Oct-20	100
TF-17/TF-17R/EP-72	2.96	1-May-06	0.00	19-Oct-20	100
TF-18	2.96	11-Apr-16	0.00	19-Oct-20	100
TF-19	2.26	20-Apr-15	0.00	2-Nov-20	100
TF-20/TF-20R	4.19	1-Dec-06	0.00	19-Oct-20	100
TF-21	0.36	15-May-00	0.00	19-Oct-20	100
TF-22	1.67	1-May-98	0.00	3-Apr-13	100
TF-23	0.39	3-Oct-16	0.00	19-Oct-20	100
TF-24	1.94	25-May-99	0.00	19-Oct-20	100
TF-26	1.10	9-Apr-14	1.10	9-Apr-14	0.0
TFR-9	2.49	16-Apr-18	0.00	19-Oct-20	100
TFR-12	3.55	5-Nov-18	0.00	19-Oct-20	100
TFR-14	0.62	16-Apr-18	0.00	19-Oct-20	100
TFR-15	1.90	5-Nov-18	0.00	19-Oct-20	100
TFR-18	0.91	5-Nov-18	0.00	19-Oct-20	100
TFR-22	5.25	16-Apr-18	1.04	20-Oct-20	80.2
TFR-24	3.45	5-Nov-18	0.00	20-Oct-20	100
TFR-27	2.82	16-Apr-18	0.00	19-Oct-20	100
TFR-29	7.42	16-Apr-18	0.01	20-Oct-20	99.9
TFR-33	2.90	5-Nov-18	0.00	20-Oct-20	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	19-Oct-20	100
GMW-59	2.17	5-May-00	0.00	2-Nov-20	100
GMW-61	0.02*	20-Oct-15	0.00	19-Oct-20	100
GMW-62	5.63	27-Oct-14	0.00	19-Oct-20	100
GMW-68	3.00	3-Oct-16	0.02	19-Oct-20	99.3
GW-15	6.07	13-Apr-13	0.00	19-Oct-20	100
Truck Rack Area					
GMW-4/GMW-4R	5.74	31-Oct-05	0.00	2-Nov-20	100
MW-9	1.59	28-Aug-07	0.00	2-Nov-20	100
MW-15/MW-15R	1.23	12-Nov-07	0.00	2-Nov-20	100
South-Central Area					
GMW-9	6.67	3-Jul-14	0.00	2-Nov-20	100
GMW-10	7.75	4-Nov-02	0.00	2-Nov-20	100
GMW-22	7.42	1-May-98	0.00	2-Nov-20	100
GMW-23	4.18	13-Nov-00	3.85	2-Nov-20	7.9
GMW-24	6.56	3-Jul-14	0.00	2-Nov-20	100
GMW-25	7.68	1-May-98	0.00	2-Nov-20	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	2-Nov-20	100
GMW-29	3.51	19-Oct-15	0.00	2-Nov-20	100
GMW-30	6.11	4-May-99	0.00	2-Nov-20	100
GMW-O-11	4.51	3-Nov-14	0.00	2-Nov-20	100
GMW-O-12	11.27	30-Oct-15	1.38	2-Nov-20	87.8
GMW-O-13	2.44	20-Nov-96	0.00	8-Apr-02	100
GMW-O-14	0.03*	31-Dec-97	0.00	2-Nov-20	100
GMW-O-20	5.03	7-Oct-13	0.00	2-Nov-20	100
GMW-O-21	2.42	2-Jul-15	0.00	2-Nov-20	100
GMW-O-23	4.56	7-Oct-13	0.00	2-Nov-20	100
GMW-SF-9	1.04	5-Sep-14	0.00	21-Oct-15	100
GWR-3	7.35	24-Jul-15	0.00	2-Nov-20	100
MW-18(MID)	0.61	28-May-96	0.00	2-Nov-20	100
MW-O-1	1.53	14-Aug-07	0.00	2-Nov-20	100
MW-O-2	5.19	21-May-15	0.00	2-Nov-20	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	2-Nov-20	100
MW-SF-2	16.82	1-Jul-97	0.00	2-Nov-20	100
MW-SF-3	1.53	7-Aug-01	0.00	2-Nov-20	100
MW-SF-4	8.07	19-Nov-99	0.00	2-Nov-20	100
MW-SF-5	0.02	4-Nov-02	0.00	17-Apr-17	100
MW-SF-6	7.94	20-Nov-96	0.00	2-Nov-20	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	3-Oct-16	100
MW-SF-11	4.03	20-Apr-15	0.00	2-Nov-20	100
MW-SF-12	5.59	5-Sep-14	0.00	2-Nov-20	100
MW-SF-13	5.85	19-Oct-15	0.00	2-Nov-20	100
MW-SF-14	1.25	14-Apr-14	0.00	3-Oct-16	100
MW-SF-15	3.03	19-Oct-15	0.00	2-Nov-20	100
MW-SF-16	0.59	14-Nov-13	0.00	17-Apr-17	100
PZ-2	1.87	9-Aug-99	0.00	2-Nov-20	100
Southeastern Area					
GMW-36	4.50	26-Dec-12	0.00	4-May-20	100
GMW-O-15	6.00	28-May-96	0.00	2-Nov-20	100
GMW-O-18	4.94	13-Dec-16	0.00	2-Nov-20	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 SEMIANNUAL 2020 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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	SGI	10/22/2020	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-1	BT	11/4/2020	<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)	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-2	SGI	10/22/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.2	<10	<2.0	<2.0	<2.0
EXP-2	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<1.0	<1.0	<1.0
EXP-3	SGI	10/21/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
EXP-3	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-4	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
EXP-5	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
Uppermost Aquifer														
GMW-4R	BT	11/5/2020	<50	58	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-6	SGI	10/21/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-7	SGI	10/26/2020	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)	SGI	10/26/2020	450	2,300	110	0.53	1.4	<1.5	<0.50	1.8	31	<2.0	<2.0	<2.0
GMW-8	BT	11/5/2020	<50	100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-9	BT	11/6/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-12	SGI	10/22/2020	<100	190	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-13	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-14R	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-15	SGI	10/23/2020	<100	720	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-16	SGI	10/21/2020	<100	310	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-17R	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-18	SGI	10/26/2020	120	380	1.7	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-19	SGI	10/23/2020	<100	140	2.3	<0.50	<0.50	<1.5	<0.50	2.3	<10	<2.0	<2.0	<2.0
GMW-21	SGI	10/23/2020	<100	2,600	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-25	BT	11/6/2020	<50	420	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-26	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-28	BT	11/5/2020	<50	150	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	31	2.5	<1.0	<1.0
GMW-30	BT	11/6/2020	<50	1,100	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-31	SGI	10/20/2020	<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)	SGI	10/20/2020	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-35R	SGI	10/26/2020	730	1,500	20	<1.0	<1.0	<3.0	<1.0	8.9	730	<4.0	<4.0	<4.0
GMW-37	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-38	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0

TABLE 4
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SECOND SEMIANNUAL 2020 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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-39	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	370	<1.0	<1.0	<1.0
GMW-41	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-42	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-43	SGI	10/22/2020	<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)	SGI	10/22/2020	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-44	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-45	SGI	10/26/2020	2,700	720	54	<2.5	29	80	<2.5	<6.0	<50	<10	<10	<10
GMW-47	SGI	10/26/2020	130	750	<0.50	<0.50	<0.50	<1.5	<0.50	5.1	160	<2.0	<2.0	<2.0
GMW-48	SGI	10/21/2020	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-56	SGI	10/21/2020	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-57	SGI	10/23/2020	<100	320	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	15	<2.0	<2.0	<2.0
GMW-58	SGI	10/22/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-59	SGI	10/22/2020	<100	260	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-60	SGI	10/21/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-61	SGI	10/21/2020	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-62	SGI	10/19/2020	1,600	1,000	150	<1.0	100	139.3	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-63	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-65	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-66R	SGI	10/21/2020	<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)	SGI	10/21/2020	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-67	SGI	10/19/2020	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)	SGI	10/19/2020	100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-69	SGI	10/19/2020	930	300	110	<1.0	21	<3.0	<1.0	<2.4	<20	<4.0	<4.0	<4.0
GMW-O-1	BT	11/4/2020	<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	11/4/2020	<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	11/4/2020	260	<50	<0.50	<0.50	7.1	18	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-4	BT	11/4/2020	<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	11/4/2020	<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	11/4/2020	<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	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-14	BT	11/9/2020	5,700	2,600	2,500	13	<10	<10	<20	<10	<200	110	<20	<20
DUP-7 (GMW-O-14)	BT	11/9/2020	5,400	2,500	2,400	13	<10	<10	<20	<10	<200	120	<20	<20
GMW-O-15	BT	11/6/2020	<1,000	5,600	<5.0	<5.0	<5.0	<5.0	<10	<5.0	<100	<10	<10	<10
GMW-O-16	BT	11/5/2020	320	160	<0.50	0.93	1.2	84	<0.50	1.3	<10	<1.0	<1.0	<1.0

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 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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-17	BT	11/4/2020	<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	11/6/2020	9,700	4,700	14	9.4	210	21	<10	<5.0	430	<10	<10	<10
GMW-O-19	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-O-20	BT	11/9/2020	400	850	51	1.3	0.51	1.4	<0.50	17	18	14	<1.0	<1.0
GMW-O-21	BT	11/9/2020	4,900	730	2,300	<10	31	16	<20	<10	<200	26	<20	<20
GMW-O-23	BT	11/6/2020	100	550	<0.50	<0.50	<0.50	<0.50	<0.50	2.4	75	33	<1.0	<1.0
GMW-SF-7	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GMW-SF-8	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
GW-2	SGI	10/26/2020	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	12	<2.0	<2.0	<2.0
GW-3	SGI	10/22/2020	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-6	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-8	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-13	SGI	10/22/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-14R	SGI	10/26/2020	1,400	8,100	7.5	<0.50	5.5	1.2	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-15	SGI	10/21/2020	<100	8,000	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GW-16	SGI	10/21/2020	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GWR-1R	BT	11/5/2020	<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)	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	0.98	<0.50	<10	<1.0	<1.0	<1.0
HL-2	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
HL-3	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-6	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	1.6	0.51	<10	<1.0	<1.0	<1.0
MW-7	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-8	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-9	BT	11/6/2020	<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)	BT	11/6/2020	<100	350	<0.50	<0.50	<0.50	<0.50	<1.0	0.61	<10	<1.0	<1.0	<1.0
MW-12	BT	11/5/2020	<50	83	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-13	SGI	10/22/2020	<100	100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-15R	BT	11/5/2020	130	220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-16	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-17	SGI	10/20/2020	<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	11/6/2020	<50	260	<0.50	<0.50	<0.50	<0.50	<0.50	2.9	19	1.0	<1.0	<1.0
MW-19 (MID)	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	1.2	<0.50	<10	1.8	<1.0	<1.0
MW-20 (MID)	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	2.5	5.5	<10	1.8	<1.0	<1.0
MW-21 (MID)	BT	11/3/2020	<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))	BT	11/3/2020	<50	86	<0.50	<0.50	<0.50	<0.50	0.58	0.60	<10	<1.0	<1.0	<1.0

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

Well	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-22 (MID)	SGI	10/22/2020	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	2.4	<10	<2.0	<2.0	<2.0
MW-24	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-26	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
MW-27	SGI	10/22/2020	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	1.7	26	<2.0	<2.0	<2.0
MW-29	SGI	10/20/2020	<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	11/9/2020	10,000	13,000	6,200	<20	31	<20	<40	95	1,100	<40	<40	<40
MW-SF-1	BT	11/6/2020	<100	580	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-4	BT	11/6/2020	<50	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	33	8.9	<1.0	<1.0
MW-SF-6	BT	11/9/2020	<200	110,000	5.3	<1.0	<1.0	<1.0	<2.0	2.7	130	28	<2.0	<2.0
MW-SF-13	BT	11/6/2020	<50	1,000	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
MW-SF-15	BT	11/6/2020	<100	580	<0.50	<0.50	<0.50	<0.50	<0.50	0.75	28	26	<1.0	<1.0
PW-3	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
PZ-2	BT	11/6/2020	<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)	BT	11/6/2020	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1.0	<1.0	<1.0
PZ-3	SGI	10/26/2020	<100	470	<0.50	<0.50	<0.50	<1.5	<0.50	1.6	<10	<2.0	<2.0	<2.0
PZ-5	BT	11/6/2020	700	330^a	<0.50	<0.50	<0.50	14	<1.0	190	25,000	<1.0	<1.0	1.0
DUP-6 (PZ-5)	BT	11/6/2020	700	340^a	<0.50	<0.50	<0.50	15	<1.0	210	22,000	<1.0	<1.0	1.0
TF-8	SGI	10/26/2020	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-9R	SGI	10/20/2020	<100	250	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-15	SGI	10/26/2020	160	2,300	59	<2.5	<2.5	<7.5	<2.5	<6.0	<50	<10	<10	<10
TF-16	SGI	10/26/2020	170	2,100	32	<0.50	4.3	<3.0	<0.50	<2.4	30	<4.0	<4.0	<4.0
TF-17R	SGI	11/23/2020	5,700	3,700	46	<5.0	190	490	<5.0	<12	<100	<20	<20	<20
TF-18	SGI	11/23/2020	3,800	16,000 J	18	<2.5	4.3	3.0	<2.5	<6.0	700	<10	<10	<10
TF-20R	SGI	10/28/2020	170	430	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	48	<2.0	<2.0	<2.0
TF-21	SGI	10/23/2020	<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)	SGI	10/23/2020	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
TF-23	SGI	10/26/2020	550	1,900	1.1	<0.50	<0.50	<1.5	<0.50	21	1,300	<2.0	<2.0	<2.0
TF-24	SGI	10/23/2020	<100	4,200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
WCW-2	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-3	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0
WCW-4	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.50	<10	<1.0	<1.0	<1.0
WCW-5	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-6	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	2.0	<10	<1.0	<1.0	<1.0
WCW-8	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-12	BT	11/3/2020	<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 2020 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	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-13	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0
WCW-14	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<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

DIPE = diisopropyl ether

ETBE = ethyl tertiary-butyl ether

TAME = tertiary-amyl methyl ether

µg/L = micrograms per liter

SGI = The Source Group, Inc.

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

BT = Blaine Tech Services, Inc.

"DUP" indicates laboratory-blind duplicate samples.

a = may include contributions from lighter-end hydrocarbons that elute in the DRO range

J = estimated concentration

DRO = diesel-range organics

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2020 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Chloromethane (µg/L)	1,1-Dichloroethane (µg/L)	cis-1,2-Dichloroethene (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)	Vinyl Chloride (µg/L)
Exposition Aquifer																	
EXP-1	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
EXP-1	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
DUP-2 (EXP-1)	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
EXP-2	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
EXP-2	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
EXP-3	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
EXP-3	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
EXP-4	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
EXP-5	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
Uppermost Aquifer																	
GMW-4R	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-6	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	0.54	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-7	SGI	10/26/2020	<10	<0.50	2.8	1.6	<0.50	<2.0	<0.50	4.1	15	<1.0	3.9	4.9	<0.50	<0.50	<0.50
DUP-6 (GMW-7)	SGI	10/26/2020	<10	<0.50	3.1	1.6	<0.50	<2.0	<0.50	4.2	16	<1.0	3.7	5.3	<0.50	<0.50	<0.50
GMW-8	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-9	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-12	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-13	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-14R	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-15	SGI	10/23/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-16	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-17R	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-18	SGI	10/26/2020	<10	<0.50	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.2	<1.0	4.6	<0.50	<0.50	<0.50	<0.50
GMW-19	SGI	10/23/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.86	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-21	SGI	10/23/2020	13	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-25	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-26	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-28	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-30	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-31	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	0.60	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
(DUP-2) GMW-31	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	0.61	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-35R	SGI	10/26/2020	<20	2.4	8.7	1.9	<1.0	<2.0	1.4	<1.0	50	<2.0	6.5	37	<1.0	<1.0	<0.50
GMW-37	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-38	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-39	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.50
GMW-41	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2020 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Chloromethane (µg/L)	1,1-Dichloroethane (µg/L)	cis-1,2-Dichloroethene (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)	Vinyl Chloride (µg/L)
GMW-42	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-43	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
DUP-4 (GMW-43)	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-44	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-45	SGI	10/26/2020	<50	4.6	7.2	<2.5	<2.5	<2.0	<2.5	<2.5	32	8.2	58	28	150	53	<0.50
GMW-47	SGI	10/26/2020	<10	<0.50	<0.50	1.3	0.51	<2.0	0.52	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-48	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	1.2	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-56	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	0.80	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-57	SGI	10/23/2020	<10	<0.50	<0.50	0.69	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-58	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-59	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	0.59	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-60	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-61	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-62	SGI	10/19/2020	<20	<1.0	2.5	<1.0	2.7	<2.0	<1.0	<1.0	16	5.2	10	15	39	5.8	<0.50
GMW-63	SGI	10/19/2020	<10	<0.50	<0.50	<0.50	0.65	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-64	SGI	10/19/2020	23	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-65	SGI	10/19/2020	36	<0.50	<0.50	<0.50	0.54	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-66R	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
DUP-3 (GMW-66R)	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<2.0	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GMW-67	SGI	10/19/2020	<10	<0.50	1.1	0.59	<0.50	<2.0	<0.50	<0.50	10	<1.0	<2.0	6.6	<0.50	<0.50	<0.50
DUP-1 (GMW-67)	SGI	10/19/2020	19	<0.50	1.1	0.57	<0.50	<2.0	<0.50	<0.50	9.4	<1.0	<2.0	6.0	<0.50	<0.50	<0.50
GMW-69	SGI	10/19/2020	<20	2.8	6.7	1.1	2.1	<2.0	<1.0	<1.0	45	<2.0	14	43	<1.0	<1.0	<0.50
GMW-O-1	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-2	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-3	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	1.1	18	5.0	<0.50
GMW-O-4	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-5	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-9	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-10	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-14	BT	11/9/2020	<400	<20	<20	<20	<100	<80	<20	<20	32	<20	<80	74	<20	<20	<20
DUP-7 (GMW-O-14)	BT	11/9/2020	<400	<20	<20	<20	<100	<80	<20	<20	34	<20	<80	75	<20	<20	<20
GMW-O-15	BT	11/6/2020	<200	<10	<10	<10	<50	<40	<10	<10	<10	<10	<40	<10	<10	<10	<10
GMW-O-16	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	13	9.4	<0.50
GMW-O-17	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-18	BT	11/6/2020	<200	<10	<10	<10	<50	<40	<10	<10	12	<10	150	40	930	<10	<10
GMW-O-19	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-O-20	BT	11/9/2020	13	3.7	1.8	<1.0	<2.5	<2.0	<1.0	<1.0	4.1	<1.0	<10	7.0	<1.0	1.4	<0.50
GMW-O-21	BT	11/9/2020	<400	<20	<20	<20	<100	<80	<20	<20	<20	<20	<80	42	<20	<20	<20

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2020 SAMPLING EVENT
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

Well	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Chloromethane (µg/L)	1,1-Dichloroethane (µg/L)	cis-1,2-Dichloroethene (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)	Vinyl Chloride (µg/L)
GMW-O-23	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0
GMW-SF-7	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GMW-SF-8	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
GW-2	SGI	10/26/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GW-3	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GW-6	SGI	10/20/2020	22	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GW-8	SGI	10/19/2020	18	<0.50	<0.50	<0.50	0.64	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GW-13	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GW-14R	SGI	10/26/2020	<10	3.9	5.0	1.2	0.68	<0.50	<0.50	<0.50	18	2.2	21	18	4.4	2.0	<0.50
GW-15	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GW-16	SGI	10/21/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
GWR-1R	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
DUP-3 (GWR-1R)	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
HL-2	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
HL-3	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-6	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-7	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-8	BT	11/4/2020	<10	<1.0	<1.0	<1.0	<2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-9	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0
DUP-5 (MW-9)	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0
MW-12	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-13	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	0.52	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-15R	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-16	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-17	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-18 (MID)	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-19 (MID)	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-20 (MID)	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-21 (MID)	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
DUP-1 [MW-21 (MID)]	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-22 (MID)	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-24	SGI	10/19/2020	18	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-26	SGI	10/19/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-27	SGI	10/22/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-29	SGI	10/20/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
MW-O-2	BT	11/9/2020	<800	<40	<40	<40	<200	<160	<40	<40	<40	<40	<160	<40	57	<40	<40
MW-SF-1	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0
MW-SF-4	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50

TABLE 5
SUMMARY OF ADDITIONAL VOLATILE ORGANIC COMPOUNDS DETECTED IN GROUNDWATER
SECOND SEMIANNUAL 2020 SAMPLING EVENT

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

Well	Sampled By	Sample Date	Acetone (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Carbon Disulfide (µg/L)	Chloromethane (µg/L)	1,1-Dichloroethane (µg/L)	cis-1,2-Dichloroethene (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)	Vinyl Chloride (µg/L)
MW-SF-6	BT	11/9/2020	<40	<2.0	<2.0	<2.0	<10	<8.0	<2.0	<2.0	<2.0	<2.0	<10	<2.0	<2.0	<2.0	<2.0
MW-SF-13	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
MW-SF-15	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0
PW-3	BT	11/5/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
PZ-2	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
DUP-4 (PZ-2)	BT	11/6/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
PZ-3	SGI	10/26/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
PZ-5	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	1.1	4.2	<1.0
DUP-6 (PZ-5)	BT	11/6/2020	<20	<1.0	<1.0	<1.0	<5.0	<4.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	1.1	4.3	<1.0
TF-8	SGI	10/26/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
TF-9R	SGI	10/20/2020	<10	<0.50	0.55	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
TF-15	SGI	10/26/2020	<50	<2.5	7.0	<2.5	4.6	<2.5	<2.5	<2.5	52	<5.0	58	36	<2.5	12	<2.5
TF-16	SGI	10/26/2020	<20	<1.0	6.8	3.1	<1.0	<1.0	<1.0	<1.0	27	<2.0	54	23	<1.0	<1.0	<1.0
TF-17R	SGI	11/23/2020	<100	9.1	10	<5.0	<5.0	<5.0	<5.0	<5.0	58	12	160	56	210	100	<5.0
TF-18	SGI	11/23/2020	70	3.6	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	5.8	<5.0	18	4.2	6.8	20	<2.5
TF-20R	SGI	10/28/2020	27	<0.50	3.3	0.81	<0.50	<0.50	<0.50	<0.50	15	<1.0	2.2	1.5	<0.50	<0.50	<0.50
TF-21	SGI	10/23/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
DUP-5 (TF-21)	SGI	10/23/2020	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
TF-23	SGI	10/26/2020	<10	0.60	1.1	2.0	0.67	<0.50	3.3	1.2	1.6	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
TF-24	SGI	10/23/2020	<10	<0.50	<0.50	0.52	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50
WCW-2	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-3	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-4	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-5	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-6	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-8	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-12	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-13	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50
WCW-14	BT	11/3/2020	<10	<1.0	<1.0	<1.0	<2.5	<2.0	<1.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50

Notes: Detected concentrations are shown in **bold**.
µg/L = micrograms per liter
SGI = The Source Group, Inc.

BT = Blaine Tech Services, Inc.
<0.50 = 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 2020 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)	Diisopropyl Ether (µg/L)	Ethyl tertiary-Butyl Ether (µg/L)	tertiary-Amyl Methyl Ether (µg/L)	Acetone (µg/L)	Carbon Disulfide (µg/L)	n-Butylbenzene (µg/L)	sec-Butylbenzene (µg/L)	tert-Butylbenzene (µg/L)	Chloromethane (µg/L)	cis-1,2-Dichloroethene (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)	Vinyl Chloride (µg/L)			
Exposition Aquifer																															
EXP-1	SGI	10/22/2020	<100	200	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50	<0.50		
EXP-1	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<0.50		
DUP-2 (EXP-1)	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<0.50		
EXP-2	SGI	10/22/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
EXP-2	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<0.50		
EXP-3	SGI	10/21/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
EXP-3	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0	<0.50		
Uppermost Aquifer																															
GMW-7	SGI	10/26/2020	530	2,300	150	0.54	1.3	<1.5	<0.50	1.8	17	<2.0	<2.0	<2.0	<10	<0.50	<0.50	2.8	1.6	<0.50	4.1	15	<1.0	3.9	4.9	<0.50	<0.50	0.70			
DUP-6 (GMW-7)	SGI	10/26/2020	450	2,300	110	0.53	1.4	<1.5	<0.50	1.8	31	<2.0	<2.0	<2.0	<10	<0.50	<0.50	3.1	1.6	<0.50	4.2	16	<1.0	3.7	5.3	<0.50	<0.50	0.79			
GMW-31	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	0.60	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
DUP-2 (GMW-31)	SGI	10/20/2020	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	0.61	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
GMW-43	SGI	10/22/2020	<100	390	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
DUP-4 (GMW-43)	SGI	10/22/2020	<100	170	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
GMW-66R	SGI	10/21/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
DUP-3 (GMW-66R)	SGI	10/21/2020	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
GMW-67	SGI	10/19/2020	110	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	1.1	0.59	0.96	<0.50	10	<1.0	<2.0	6.6	<0.50	<0.50	<0.50			
DUP-1 (GMW-67)	SGI	10/19/2020	100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	19	<0.50	<0.50	1.1	0.57	4.7	<0.50	9.4	<1.0	<2.0	6.0	<0.50	<0.50	<0.50			
GMW-O-14	BT	11/9/2020	5,700	2,600	2,500	13	<10	<10	<20	<10	<200	110	<20	<20	<400	<100	<20	<20	<20	<80	<20	32	<20	<80	74	<20	<20	<20			
DUP-7 (GMW-O-14)	BT	11/9/2020	5,400	2,500	2,400	13	<10	<10	<20	<10	<200	120	<20	<20	<400	<100	<20	<20	<20	<80	<20	34	<20	<80	75	<20	<20	<20			
GWR-1R	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	1.0	<0.50	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50			
DUP-3 (GWR-1R)	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	0.98	<0.50	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50			
MW-9	BT	11/6/2020	<100	360	<0.50	<0.50	<0.50	<0.50	<1.0	0.59	<10	<1.0	<1.0	<1.0	<20	<5.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0			
DUP-5 (MW-9)	BT	11/6/2020	<100	350	<0.50	<0.50	<0.50	<0.50	<1.0	0.61	<10	<1.0	<1.0	<1.0	<20	<5.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<1.0			
MW-21 (MID)	BT	11/3/2020	<50	90	<0.50	<0.50	<0.50	<0.50	0.54	0.68	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50			
DUP-1 (MW-21 (MID))	BT	11/3/2020	<50	86	<0.50	<0.50	<0.50	<0.50	0.58	0.60	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50			
PZ-2	BT	11/6/2020	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50			
DUP-4 (PZ-2)	BT	11/6/2020	<50	320	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	<10	<1.0	<1.0	<1.0	<10	<2.5	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<1.0	<10	<1.0	<1.0	<1.0	<0.50			
PZ-5	BT	11/6/2020	700	330^a	<0.50	<0.50	<0.50	14	<1.0	190	25,000	<1.0	<1.0	1.0	<20	<5.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10	<1.0	1.1	4.2	<1.0			
DUP-6 (PZ-5)	BT	11/6/2020	700	340^a	<0.50	<0.50	<0.50	15	<1.0	210	22,000	<1.0	<1.0	1.0	<20	<5.0	<1.0	<1.0	<1.0	<4.0	<1.0	<1.0	<1.0	<10	<1.0	1.1	4.3	<1.0			
TF-21	SGI	10/23/2020	<100	110	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<0.50	<0.50			
DUP-5 (TF-21)	SGI	10/23/2020	<100	120	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0	<10	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<1.0	<2.0	<0.50	<0.50	<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 = The Source Group, Inc.
 <100 = not detected at or above the indicated laboratory reporting limit

---- = not analyzed
 SGI = The Source Group, Inc.
 BT = Blaine Tech Services, Inc.

"DUP" indicates laboratory-blind duplicate samples.
 a = may include contributions from lighter-end hydrocarbons that elute in the DRO range
 DRO = diesel-range organics

TABLE 7
ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, AND SELECTED VOCs IN TRIP BLANKS AND EQUIPMENT BLANKS
SECOND SEMIANNUAL 2020 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)	Acetone (µg/L)	2-Butanone (MEK) (µg/L)	tertiary-Butyl Alcohol (µg/L)	Chloromethane (µg/L)	1,2-Dichloroethane (µg/L)	Methyl tertiary-Butyl Ether (µg/L)
QCTB-1	SGI	10/19/2020	<100	----	<0.50	<0.50	<0.50	<1.5	<10	<10	<10	<0.50	<0.50	<1.2
QCEB-1	SGI	10/19/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	48	19	18	1.5	<0.50	<1.2
QCTB-1	SGI	10/20/2020	<100	----	<0.50	<0.50	<0.50	<1.5	<10	<10	<10	<0.50	<0.50	<1.2
QCEB-1	SGI	10/20/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	<10	<10	<10	<0.50	<0.50	<1.2
QCTB-1	SGI	10/21/2020	<100	----	<0.50	<0.50	<0.50	<1.5	<10	<10	<10	<0.50	<0.50	<1.0
QCEB-1	SGI	10/21/2020	<100	100	<0.50	<0.50	<0.50	<1.5	<10	19	<10	<0.50	<0.50	<1.0
QCTB-1	SGI	10/22/2020	<100	----	<0.50	<0.50	<0.50	<1.5	<10	<10	<10	<0.50	<0.50	<1.2
QCEB-1	SGI	10/22/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	16	17	<10	<0.50	<0.50	<1.2
QCTB-1	SGI	10/23/2020	<100	----	<0.50	<0.50	<0.50	<1.5	25	<10	<10	<0.50	<0.50	<1.2
QCEB-1	SGI	10/23/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	22	19	<10	<0.50	<0.50	<1.2
QCTB-1	SGI	10/26/2020	<100	----	<0.50	<0.50	<0.50	<1.5	17	20	22	<0.50	<0.50	<1.2
QCEB-1	SGI	10/26/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	13	20	<10	<0.50	<0.50	<1.2
QCTB-1	SGI	10/28/2020	<100	----	<0.50	<0.50	<0.50	<1.5	32	23	54	<0.50	<0.50	<1.2
QCEB-1	SGI	10/28/2020	<100	<100	<0.50	<0.50	<0.50	<1.5	26	15	29	<0.50	<0.50	<1.2
TB-1	BT	11/3/2020	----	----	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-1	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
TB-2	BT	11/4/2020	----	----	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-2	BT	11/3/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-3	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-4	BT	11/4/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
TB-3	BT	11/5/2020	----	----	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-5	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-6	BT	11/5/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-7	BT	11/6/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	16	<10	<10	<2.0	<0.50	<0.50
EB-8	BT	11/6/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
TB-4	BT	11/6/2020	----	----	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
TB-6	BT	11/9/2020	----	----	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
EB-9	BT	11/9/2020	<50	<50	<0.50	<0.50	<0.50	<0.50	<10	<10	<10	<2.0	<0.50	<0.50
QCTB-1	SGI	11/23/2020	<100	----	<0.50	<0.50	<0.50	<1.5	<10	<10	<10	<0.50	<0.50	<1.2

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 = The Source Group, Inc.
 ---- = not analyzed
 <100 = not detected at or above the indicated laboratory reporting limit
 BT = Blaine Tech Services, Inc.

APPENDIX A
FIELD DOCUMENTATION (CD ROM ONLY)

SGI FIELD DOCUMENTATION

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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					
EXP-1	10-19-20	-	61.10	-	
EXP-2	10-19-20	-	62.27	-	
EXP-3					
GMW-5					
GMW-6					
GMW-7					
GMW-12	10-19-20	-	33.94	-	
GMW-15	10-19-20	-	35.34	-	
GMW-16	10-19-20	-	36.97	-	
GMW-17R					
GMW-18					
GMW-19	10-19-20	-	35.84	-	
GMW-20					
GMW-21	10-19-20	-	35.12	-	
GMW-31					
GMW-32R					
GMW-33	10-19-20	-	DRV	-	TD=16.23, dry bottom
GMW-35R					
GMW-40					
GMW-41					
GMW-42					
GMW-43	10-19-20	-	35.04	-	
GMW-44					
GMW-45					
GMW-47					
GMW-48					
GMW-54	10-19-20	-	33.68	-	Well under vacuum

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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-56					
GMW-57	10-19-20	-	35.38	-	
GMW-58	10-19-20	-	34.72	-	
GMW-59	10-19-20	-	32.57	-	
GMW-60					
GMW-61					
GMW-62					
GMW-63					
GMW-64					
GMW-65					
GMW-66R					
GMW-67					
GMW-68					Sample if no product.
GMW-69					
GW-1	10-19-20	-	35.88	-	
GW-2	10-19-20	-	35.33	-	
GW-3	10-19-20	-	35.71	-	
GW-4	10-19-20	-	DRY	-	TD = 26.37, silty bottom
GW-5R					
GW-6					
GW-7	10-19-20	-	34.59	-	
GW-8					
GW-13	10-19-20	-	36.55	-	
GW-14R					
GW-15					
GW-16					
MW-13	10-19-20	-	37.12	-	
MW-14	10-19-20	-	38.25	-	

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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
MW-16					
MW-17					
MW-22-MID	10-19-20	-	40.82	-	
MW-24					
MW-26					
MW-27	10-19-20	-	37.85	-	
MW-28	10-19-20	-	34.92	-	
MW-29					
PZ-3	10-19-20	-	35.20	-	
RTF-18-E					
RTF-18-N					
RTF-18-NNW					
RTF-18-NW					
RTF-18-W					
TF-8	10-19-20	-	34.21	-	
TF-9R					
TF-15					
TF-16					
TF-17R					
TF-18					
TF-19					
TF-20R					
TF-21	10-19-20	-	36.45	-	
TF-23					
TF-24	10-19-20	-	36.98	-	
TFR-9	10-19-20	-	35.45	-	Well under vacuum
TFR-12	10-19-20	-	35.51	-	Well under vacuum
TFR-14	10-19-20	-	35.89	-	Well under vacuum

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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
TFR-15					
TFR-18					
TFR-22	10-20-20	34.50 36.50 (5.4)	33.54 37.54	1.04	under vacuum
TFR-24	10-20-20	-	33.61	-	
TFR-27					
TFR-29	10-20-20	32.16	32.17	0.01	under vacuum
TFR-33	10-20-20	-	33.45	-	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 April 2020.
feet btc = feet below top of well casing

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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	10-20-20	-	35.71	-	
EXP-1	10-22-20	61.10 m	61.10	-	
EXP-2	10-22-20	-	62.27	-	
EXP-3	10-19-20	-	60.24	-	
GMW-5	10-19-20	-	DRY	-	TD = 28.54'
GMW-6	10-19-20	-	36.39	-	
GMW-7	10-19-20	-	35.89	-	
GMW-12					
GMW-15	10-19-20 SM	-	33.79 SM	-	
GMW-16					
GMW-17R	10-19-20	-	36.95	-	
GMW-18	10-19-20	-	35.88	-	
GMW-19					
GMW-20	10-19-20	-	34.20	-	
GMW-21					
GMW-31	10-19-20	-	33.75	-	
GMW-32R	10-19-20	-	DRY	-	TD = 28.18'
GMW-33					
GMW-35R	10-19-20	-	34.69	-	
GMW-40	10-19-20	-	-	-	can't locate
GMW-41	10-19-20	-	31.99	-	
GMW-42	10-19-20	-	34.74	-	
GMW-43					
GMW-44	10-19-20	-	34.65	-	
GMW-45	10-19-20	-	34.02	-	
GMW-47	10-19-20	-	34.82	-	
GMW-48	10-19-20	-	37.16	-	
GMW-54					

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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-56	10-19-20	-	34.19	-	
GMW-57					
GMW-58					
GMW-59					
GMW-60	10-19-20	-	34.72	-	
GMW-61	10-19-20	-	34.02	-	
GMW-62	10-19-20	-	34.71	-	
GMW-63	10-19-20	-	35.41	-	
GMW-64	10-19-20	-	33.57	-	
GMW-65	10-19-20	-	35.13	-	
GMW-66R	10-19-20	-	38.00	-	
GMW-67	10-19-20	-	34.41	-	
GMW-68	10-19-20	33.86	33.88	0.02	^{SOCK} Sample if no product.
GMW-69	10-19-20	-	33.39	-	
GW-1					
GW-2					
GW-3					
GW-4					
GW-5R	10-19-20	-	38.59	-	
GW-6	10-19-20	-	35.92	-	
GW-7					
GW-8	10-19-20	-	35.79	-	
GW-13					
GW-14R	10-19-20	-	-	-	Well under vacuum and no room for probe
GW-15	10-19-20	-	33.79	-	
GW-16	10-19-20	-	35.22	-	
MW-13					
MW-14					

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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
MW-16	10-19-20	-	35.42	-	
MW-17	10-19-20	-	36.31	-	
MW-22-MID					
MW-24	10-19-20	-	37.26	-	
MW-26	10-19-20	-	36.85	-	
MW-27					
MW-28					
MW-29	10-19-20	-	37.98	-	
PZ-3					
RTF-18-E	10-20-20	32.78	33.54	0.72	under vacuum
RTF-18-N	10-20-20	-	32.01	-	under vacuum
RTF-18-NNW	10-20-20	-	33.50	-	under vacuum
RTF-18-NW	10-20-20	-	31.92	-	under vacuum
RTF-18-W	10-20-20	-	31.46	-	under vacuum
TF-8					
TF-9R	10-19-20	-	37.25	-	
TF-15	10-19-20	-	34.29	-	
TF-16	10-19-20	-	34.88	-	
TF-17R	10-20-20	-	36.21	-	under vacuum
TF-18	10-20-20	-	31.37	-	under vacuum
TF-19	10-19-20	-	32.63	-	
TF-20R	10-19-20	-	33.87	-	
TF-21					
TF-23	10-19-20	-	33.95	-	
TF-24	10-20-20	-	33.61 (SM)	-	
TFR-9					
TFR-12					
TFR-14					

MONITORING WELL GAUGING DATA
Second Semiannual 2020 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
TFR-15	10-19-20	-	35.70	-	Well under vacuum
TFR-18	10-19-20	-	34.01	-	Well under vacuum
TFR-22					
TFR-24					
TFR-27	10-19-20	-	33.84	-	Well under vacuum
TFR-29					
TFR-33					

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 April 2020.
feet btc = feet below top of well casing

CONFIRMATION GAUGING DATA
Second Semiannual 2020 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
EXP-3	11-2-20 ⁷⁴⁸	0.0	60.36	0.0	
GMW-60	11-2-20 ⁷⁵⁴	0.0	34.84	0.0	
GMW-66R	11-2-20 ⁸⁰²	0.0	38.08	0.0	
GMW-56	11-2-20 ⁸⁰⁶	0.0	34.31	0.0	
GW-8	11-2-20 ⁸¹⁰	0.0	35.84	0.0	
GMW-31	11-2-20 ⁸¹⁶	0.0	33.90	0.0	
MW-26	11-2-20 ⁸²¹	0.0	36.93	0.0	
MW-22-MID	11-2-20 ⁸²⁵	0.0	40.91	0.0	
EXP-2	11-2-20 ⁸³⁰	0.0	62.38	0.0	
GW-3	11-2-20 ⁸³⁶	0.0	35.79	0.0	
MW-28	11-2-20 ⁸⁴⁵	0.0	34.95	0.0	
GMW-12	11-2-20 ⁸⁴⁹	0.0	33.88	0.0	
EXP-1	11-2-20 ⁸⁵⁴	0.0	61.25	0.0	
GMW-59	11-2-20 ⁸⁵⁹	0.0	32.56	0.0	
MW-13	11-2-20 ⁹⁰⁵	0.0	37.23	0.0	
GMW-57	11-2-20 ⁹¹⁰	0.0	35.47	0.0	
GMW-54	11-2-20 ⁹¹⁶	0.0	33.82	0.0	
GMW-15	11-2-20 ⁹²⁰	0.0	35.41	0.0	
GMW-19	11-2-20 ^e	0.0	35.91	0.0	
GMW-35R	11-2-20 ^e	0.0	34.86	0.0	
TF-19	11-2-20 [.]	0.0	32.41	0.0	

Notes: feet btc = feet below top of well casing

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2020 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										
EXP-1	10-19-20	X		Y	Y	Y	Y	Y	Y	Lock missing @ 10-19
EXP-2	10-19-20	X		Y	Y	Y	Y	Y	Y	
EXP-3										
GMW-5										
GMW-6										
GMW-7										
GMW-12	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
GMW-15										
GMW-16	10-19-20		X	Y	Y	Y	N	N	Y	Lid is damaged, no bolts, no lock
GMW-17R										
GMW-18										
GMW-19	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
GMW-20										
GMW-21										
GMW-31										
GMW-32R										
GMW-33	10-19-20		X	Y	Y	N	Y	N	Y	Lock missing
GMW-35R										
GMW-40										
GMW-41										
GMW-42										
GMW-43	10-19-20		X	Y	Y	N	Y	N	Y	Label reads GMW-34 on concrete foot
GMW-44										
GMW-45										
GMW-47										
GMW-48										
GMW-54	10-19-20		X	Y	Y	N	Y	N	Y	Label outside on concrete reads TF-10

MONITORING WELL INSPECTION CHECKLIST
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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										
GMW-57	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
GMW-58	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
GMW-59	10-19-20		X	Y	N	Y	Y	N	N	GW pump inside well casing + vault
GMW-60										
GMW-61										
GMW-62	10-19-20		X	Y	Y	Y	Y	N	Y	
GMW-63	10-19-20		X	Y	Y	Y	Y	N	Y	
GMW-64	10-19-20		X	Y	Y	Y	Y	N	Y	
GMW-65	10-19-20		X	Y	Y	Y	Y	N	Y	
GMW-66R	/									
GMW-67	10-19-20		X	Y	Y	Y	Y	N	Y	
GMW-68	10-19-20		X	Y	Y	Y	Y	N	Y	
GMW-69	10-19-20		X	Y	Y	Y	Y	N	Y	
GW-1	10-19-20		X	Y	Y	Y	Y	N	Y	Lock Missing
GW-2	10-19-20		X	Y	Y	Y	Y	N	N	Lock ^{cap} missing
GW-3	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
GW-4	10-19-20		X	Y	Y	N	Y	N	N	GW Pump inside well + vault
GW-5R										
GW-6										
GW-7	10-19-20		X	Y	Y	N	Y	N	N	GW pump inside well + vault
GW-8										
GW-13	10-19-20		X	Y	Y	Y	N	N	Y	
GW-14R										
GW-15										
GW-16										
MW-13	10-19-20	X		Y	Y	Y	Y	Y	Y	
MW-14	10-19-20	X		Y	Y	Y	Y	Y	Y	

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2020 Monitoring Event
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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										
MW-17										
MW-22-MID	10-19-20	X		Y	Y	Y	Y	Y	Y	
MW-24										
MW-26										
MW-27	10-19-20	X		Y	Y	Y	Y	N	Y	Lock missing
MW-28	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
MW-29										
PZ-3	10-19-20		X	Y	Y	Y	N	N	N	TOC damaged, cap + lock missing
RTF-18-E										
RTF-18-N										
RTF-18-NNW										
RTF-18-NW										
RTF-18-W										
TF-8	10-19-20		X	Y	Y	N	Y	Y N	N	Lock missing
TF-9R										
TF-15										
TF-16										
TF-17R										
TF-18										
TF-19										
TF-20R										
TF-21										
TF-23										
TF-24	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
TFR-9	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
TFR-12	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
TFR-14	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing

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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-15	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
TFR-18	10-19-20		X	Y	Y	Y	Y	Y	Y	
TFR-22										
TFR-24										
TFR-27	10-19-20		X	Y	Y	Y	Y	N	Y	Lock missing
TFR-29										
TFR-33										

MONITORING WELL INSPECTION CHECKLIST
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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	10-20-20	X		Y	Y	Y	Y	Y	Y	
EXP-1										
EXP-2										
EXP-3	10-19-20	X		Y	Y	Y	Y	Y	Y	
GMW-5	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-6	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-7	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-12										
GMW-15										
GMW-16										
GMW-17R	10-19-20	X		Y	Y	Y	Y	Y	Y	
GMW-18	10-19-20		X	Y	Y	Y	Y	N	Y	no lock
GMW-19										
GMW-20	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-21										
GMW-31	10-19-20		X	Y	Y	N	Y	Y	Y	
GMW-32R	10-19-20	X		Y	Y	Y	Y	Y	Y	
GMW-33										
GMW-35R	10-19-20		X	Y	Y	Y	Y	N	Y	no lock
GMW-40	10-19-20	~	-	-	-	-	-	-	-	can't locate
GMW-41	10-19-20		X	Y	Y	N	Y	Y	Y	labeled expanding cap
GMW-42	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-43										
GMW-44	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-45	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-47	10-19-20		X	Y	Y	Y	Y	N	Y	no lock
GMW-48	10-19-20	X		Y	Y	Y	Y	Y	Y	
GMW-54										

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2020 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	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-57										
GMW-58										
GMW-59										
GMW-60	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-61	10-19-20		X	Y	Y	Y	Y	Y	Y	
GMW-62										
GMW-63										
GMW-64										
GMW-65										
GMW-66R	10-19-20	X		Y	Y	Y	Y	Y	Y	
GMW-67										
GMW-68										
GMW-69										
GW-1										
GW-2										
GW-3										
GW-4										
GW-5R	10-19-20	X		Y	Y	Y	Y	Y	Y	
GW-6	10-19-20		X	Y	Y	N	Y	Y	Y	
GW-7										
GW-8	10-19-20		X	Y	Y	N	Y	Y	Y	labeled expanding cap
GW-13										
GW-14R	10-19-20		X	Y	Y	Y	Y	N	Y	no lock, GW system attached
GW-15	10-19-20		X	Y	Y	Y	Y	Y	N	GW system attached
GW-16	10-19-20		X	Y	Y	Y	Y	Y	Y	
MW-13										
MW-14										

MONITORING WELL INSPECTION CHECKLIST
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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	10-19-20	X		Y	Y	Y	Y	Y	Y	
MW-17	10-19-20	X		Y	Y	Y	Y	Y	Y	
MW-22-MID										
MW-24	10-19-20	X		Y	Y	Y	Y	Y	Y	
MW-26	10-19-20	X		Y	Y	Y	Y	Y	Y	
MW-27										
MW-28										
MW-29	10-19-20	X		Y	Y	Y	Y	Y	Y	
PZ-3										
RTF-18-E	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-N	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-NNW	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-NW	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
RTF-18-W	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
TF-8										
TF-9R	10-19-20	X		Y	Y	Y	Y	Y	Y	
TF-15	10-19-20		X	Y	Y	Y	Y	Y	Y	
TF-16	10-19-20		X	Y	Y	Y	Y	Y	Y	
TF-17R	10-20-20	X		Y	Y	Y	Y	Y	Y	
TF-18	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
TF-19	10-19-20		X	Y	Y	Y	Y	N	Y	no lock
TF-20R	10-19-20		X	Y	Y	Y	N	N	Y	no lock. well box damaged.
TF-21										
TF-23	10-19-20		X	Y	Y	Y	Y	N	Y	no lock
TF-24	10-20-20		X	Y	Y	Y	Y	N	Y	no lock (SM)
TFR-9										
TFR-12										
TFR-14										

MONITORING WELL INSPECTION CHECKLIST
Second Semiannual 2020 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-15										
TFR-18										
TFR-22	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
TFR-24	10-20-20		X	N	Y	Y	Y	N	Y	no lock
TFR-27										
TFR-29	10-20-20		X	Y	Y	Y	Y	N	Y	no lock
TFR-33	10-20-20		X	Y	Y	Y	Y	N	Y	no lock

INSTRUMENT CALIBRATION LOG
Second Semiannual 2020 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 ^(°C)	Initials
YSI-DSS	18E106264	10-19-20	4.0 ph	4.02	Y	22.3°	DL
"	"	"	7.0 ph	7.01	Y	22.3°	DL
"	"	"	10.0	9.98	Y	22.3°	DL
"	"	"	1413 $\frac{mS}{cm}$	1415 $\frac{mS}{cm}$	Y	22.3°	DL
YSI-DSS	18E106264	10-20-20	4.0	4.01	Y	22.5°	DL
"	"	"	7.0	7.03	Y	22.5°	DL
"	"	"	10.0	9.97	Y	22.5°	DL
"	"	"	1413 $\frac{mS}{cm}$	1416 $\frac{mS}{cm}$	Y	22.5°	DL
YSI-DSS	18E106264	10-21-20	4.0	4.03	Y	22.4°	DL
"	"	"	7.0	7.04	Y	22.4	DL
"	"	"	10.0	9.98	Y	22.4	DL
"	"	"	1413 $\frac{mS}{cm}$	1418 $\frac{mS}{cm}$	Y	22.4	DL
YSI-DSS	18E106264	10-22-20	4.0	4.05	Y	22.2	DL
"	"	"	7.0	7.02	Y	22.2	DL
"	"	"	10.0	10.01	Y	22.2	DL
"	"	"	1413 $\frac{mS}{cm}$	1420 $\frac{mS}{cm}$	Y	22.2	DL

INSTRUMENT CALIBRATION LOG
Second Semiannual 2020 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 ^(°C)	Initials
YSI-DSS	18E106264	10-23-20	4.0 pH	4.04	Y	23.1	DL
"	"	"	7.0 pH	7.05	Y	23.1	DL
"	"	"	10.0 pH	99.6	Y	23.1	DL
"	"	"	1413 $\frac{mS}{cm}$	1419 $\frac{mS}{cm}$	Y	23.1	DL
YSI-DSS	18E106264	10-26-20	4.0 pH	4.05	Y	22.9	DL
"	"	"	7.0 pH	7.04	Y	22.9	DL
"	"	"	10.0 pH	10.02	Y	22.9	DL
"	"	"	1413 $\frac{mS}{cm}$	1421 $\frac{mS}{cm}$	Y	22.9	DL
YSI-DSS	18E106264	10-28	4.0 pH	4.03	Y	23.0	DL
"	"	"	7.0 pH	7.06	Y	23.0	DL
"	"	"	10.0 pH	10.00	Y	23.0	DL
"	"	"	1413 $\frac{mS}{cm}$	1420 $\frac{mS}{cm}$	Y	23.0	DL

INSTRUMENT CALIBRATION LOG
Second Semiannual 2020 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 (°C)	Initials
YSI-DSS	18E106264	10-19-20	4.0 ph	4.02	Y	22.3°	DL
"	"	"	7.0 ph	7.01	Y	22.3°	DL
"	"	"	10.0	9.98	Y	22.3°	DL
"	"	"	1413 $\frac{mS}{cm}$	1415 $\frac{mS}{cm}$	Y	22.3°	DL
YSI-DSS	18E106264	10-20-20	4.0	4.01	Y	22.5°	DL
"	"	"	7.0	7.03	Y	22.5°	DL
"	"	"	10.0	9.97	Y	22.5°	DL
"	"	"	1413 $\frac{mS}{cm}$	1416 $\frac{mS}{cm}$	Y	22.5°	DL
YSI-DSS	18E106264	10-21-20	4.0	4.03	Y	22.4°	DL
"	"	"	7.0	7.04	Y	22.4	DL
"	"	"	10.0	9.98	Y	22.4	DL
"	"	"	1413 $\frac{mS}{cm}$	1418 $\frac{mS}{cm}$	Y	22.4	DL
YSI-DSS	18E106264	10-22-20	4.0	4.05	Y	22.2	DL
"	"	"	7.0	7.02	Y	22.2	DL
"	"	"	10.0	10.01	Y	22.2	DL
"	"	"	1413 $\frac{mS}{cm}$	1420 $\frac{mS}{cm}$	Y	22.2	DL

INSTRUMENT CALIBRATION LOG
Second Semiannual 2020 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 ^(°C)	Initials
YSI-DSS	18E106264	10-23-20	4.0 pH	4.04	Y	23.1	DL
"	"	"	7.0 pH	7.05	Y	23.1	DL
"	"	"	10.0 pH	99.6	Y	23.1	DL
"	"	"	1413 $\frac{mS}{cm}$	1419 $\frac{mS}{cm}$	Y	23.1	DL
YSI-DSS	18E106264	10-26-20	4.0 pH	4.05	Y	22.9	DL
"	"	"	7.0 pH	7.04	Y	22.9	DL
"	"	"	10.0 pH	10.02	Y	22.9	DL
"	"	"	1413 $\frac{mS}{cm}$	1421 $\frac{mS}{cm}$	Y	22.9	n
YSI-DSS	18E106264	10-28	4.0 pH	4.03	Y	23.0	DL
"	"	"	7.0 pH	7.06	Y	23.0	DL
"	"	"	10.0 pH	10.00	Y	23.0	DL
"	"	"	1413 $\frac{mS}{cm}$	1420 $\frac{mS}{cm}$	Y	23.0	DL

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: EXP-1
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{128.50}{\text{TD}} - \frac{61.10}{\text{DTW}} = \frac{67.40}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{61.10}{\text{DTW}} + \frac{1}{2} \left(\frac{33.70}{\text{Water Column}} \right) = \frac{94.80}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 11³⁵ End (24 Hour) 11¹⁵
 Date Sampled: 10-22-20 Start (24 Hour) 11¹⁵ 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)
1137	.25	61.16	7.52	1007	-140.9	22.4	1.05	clear	2.82
1139	.50	61.19	7.52	1007	-142.1	22.4	0.65	"	2.95
1141	.75	61.22	7.51	1006	-143.2	22.4	0.49	"	3.06
1143	1.0	61.25	7.51	1006	-143.9	22.4	0.34	"	3.01
1145	1.25	61.25	7.50	1006	-144.6	22.4	0.22	"	3.41
1147	1.50	61.25	7.50	1006	-145.9	22.4	0.17	"	3.32
1149	1.75	61.26	7.50	1005	-146.2	22.5	0.14	"	3.19
1151	2.0	61.26	7.49	1005	-146.4	22.5	0.14	"	3.22
1153	2.25	61.26	7.49	1005	-146.7	22.5	0.13	"	3.29
1155	2.50	61.26	7.49	1005	-147.0	22.5	0.12	"	3.31

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 WBB

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: EXP-2
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{149.00}{TD} - \frac{62.27}{DTW} = \frac{87.73}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{62.27}{DTW} + 1/2 \left(\frac{43.87}{\text{Water Column}} \right) = \frac{106.14}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 8¹⁰ End (24 Hour) 8³⁰
 Date Sampled: 10-22-20 Start (24 Hour) 8³⁰ 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 ¹²	.25	62.32	7.44	1253	-85.6	21.7	1.22	None	3.23
8 ¹⁴	.56	62.36	7.43	1253	-85.8	21.7	0.86	"	3.27
8 ¹⁶	.75	62.40	7.43	1252	-85.9	21.7	0.49	"	3.26
8 ¹⁸	1.0	62.42	7.43	1252	-86.1	21.7	0.31	"	3.33
8 ²⁰	1.25	62.43	7.43	1251	-86.2	21.7	0.22	"	3.31
8 ²²	1.50	62.44	7.42	1250	-86.2	21.7	0.16	"	3.30
8 ²⁴	1.75	62.44	7.42	1250	-86.2	21.8	0.13	"	3.39
8 ²⁶	2.0	62.45	7.42	1250	-86.3	21.7	0.11	"	3.36
8 ²⁸	2.25	62.45	7.42	1249	-86.3	21.7	0.10	"	3.40
8 ³⁰	2.5	62.45	7.42	1249	-86.4	21.7	0.10	"	3.42

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 Lubban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: EXP-3
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{150.00}{\text{TD}} - \frac{60.24}{\text{DTW}} = \frac{89.76}{\text{Water Column}}$$

$$\frac{115.00}{\text{Bottom of Screen}} - \frac{85.00}{\text{Top of Screen}} = \frac{30.0}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{60.24}{\text{DTW}} + 1/2 \left(\frac{44.88}{\text{Water Column}} \right) = \frac{105.12}{\text{Pump Intake Depth}}$$

$$\frac{85.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{15.00}{\text{Screen Length}} \right) = \frac{100.00}{\text{Pump Intake Depth}}$$

Date Purged: 10-21-20 Start (24 Hour) 9:10 End (24 Hour) 9:30
 Date Sampled: 10-21-20 Start (24 Hour) 9:30 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)
9:12	.25	60.32	7.61	895	-139.1	21.3	2.04	clear	22.16
9:14	.50	60.35	7.61	895	-138.2	21.3	1.41	"	19.17
9:16	.75	60.38	7.60	894	-138.0	21.3	1.01	"	20.43
9:18	1.0	60.40	7.60	894	-137.6	21.3	0.73	"	16.85
9:20	1.25	60.40	7.60	894	-137.3	21.3	0.42	"	14.90
9:22	1.50	60.40	7.59	893	-137.1	21.3	0.21	"	15.10
9:24	1.75	60.40	7.59	892	-136.9	21.3	0.16	"	13.25
9:26	2.0	60.41	7.59	892	-136.8	21.3	0.13	"	11.01
9:28	2.25	60.41	7.59	892	-136.8	21.3	0.13	"	10.92
9:30	2.50	60.41	7.59	892	-136.7	21.3	0.12	"	10.51

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 Wobben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-6
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{50.00}{\text{TD}} - \frac{36.39}{\text{DTW}} = \frac{13.61}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.39}{\text{DTW}} + 1/2 \left(\frac{6.81}{\text{Water Column}} \right) = \frac{43.20}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-21-20 Start (24 Hour) 12³⁰ End (24 Hour) 12⁵⁰
 Date Sampled: 10-21-20 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)
12 ³²	.25	36.46	7.37	1715	93.6	22.7	1.83	clear	2.56
12 ³⁴	.50	36.51	7.37	1715	93.9	22.7	1.09	"	2.73
12 ³⁶	.75	36.54	7.36	1714	94.1	22.7	0.67	"	2.71
12 ³⁸	1.0	36.57	7.36	1714	94.3	22.7	0.33	"	2.93
12 ⁴⁰	1.25	36.60	7.36	1715	94.4	22.7	0.25	"	2.91
12 ⁴²	1.50	36.60	7.35	1715	94.6	22.7	0.21	"	2.95
12 ⁴⁴	1.75	36.60	7.35	1714	94.7	22.8	0.18	"	3.03
12 ⁴⁶	2.0	36.60	7.33	1714	94.8	22.8	0.16	"	3.11
12 ⁴⁸	2.25	36.60	7.33	1714	94.9	22.8	0.16	"	3.15
12 ⁵⁰	2.50	36.60	7.34	1714	94.9	22.8	0.15	"	3.13

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): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-~~40387~~^{DL}
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{50.00}{TD} - \frac{35.89}{DTW} = \frac{14.11}{Water\ Column}$$

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

35.89

Pump Intake Depth, Screened Above Water Table:

$$\frac{35.89}{DTW} + 1/2 \left(\frac{7.06}{Water\ Column\ Depth} \right) = \frac{42.95}{Pump\ Intake\ Depth}$$

< OR >

Pump Intake Depth, Submerged Screen:

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

Date Purged: 10-26-20 Start (24 Hour) 9:00 End (24 Hour) 9:30
 Date Sampled: 10-26-20 Start (24 Hour) 9:30 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)
9:12	.25	35.95	6.89	619	-105.3	25.5	1.24	clear	17.01
9:14	.50	36.01	6.89	619	-106.7	25.5	0.71	"	15.24
9:16	.75	36.04	6.88	618	-108.1	25.5	0.49	"	15.56
9:18	1.0	36.07	6.88	619	-108.9	25.4	0.34	"	13.91
9:20	1.25	36.09	6.86	618	-109.3	25.4	0.25	"	13.80
9:22	1.50	36.10	6.86	617	-109.7	25.4	0.18	"	13.06
9:24	1.75	36.10	6.86	617	-110.0	25.4	0.13	"	12.40
9:26	2.0	36.11	6.86	617	-110.2	25.4	0.11	"	11.03
9:28	2.25	36.11	6.85	617	-110.5	25.4	0.10	"	10.07
9:30	2.50	36.11	6.85	617	-110.7	25.4	0.09	"	9.91

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-6

Completed By (Print Name): DAVID WBBAN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: 6MW-12
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{50.00}{\text{TD}} - \frac{33.94}{\text{DTW}} = \frac{16.06}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.94}{\text{DTW}} + \frac{1}{2} \left(\frac{8.03}{\text{Water Column}} \right) = \frac{41.97}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 11⁰⁰ End (24 Hour) 11²⁰
 Date Sampled: 10-22-20 Start (24 Hour) 11²⁰ 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 ⁰²	.5	34.01	7.25	913	-108.9	22.8	1.31	clear	18.07
11 ⁰⁴	.50	34.06	7.25	913	-110.0	22.8	0.62	"	16.89
11 ⁰⁶	.75	34.10	7.24	912	-116.9	22.8	0.39	"	17.11
11 ⁰⁸	1.0	34.13	7.23	912	-111.7	22.8	0.25	"	15.89
11 ¹⁰	1.25	34.15	7.23	912	-111.9	22.8	0.16	"	14.96
11 ¹²	1.50	34.15	7.21	911	-112.5	22.9	0.12	"	13.50
11 ¹⁴	1.75	34.15	7.21	911	-113.9	22.9	0.10	"	12.41
11 ¹⁶	2.0	34.15	7.22	911	-114.3	22.8	0.10	"	11.22
11 ¹⁸	2.25	34.16	7.21	910	-114.5	22.8	0.09	"	10.94
11 ²⁰	2.50	34.16	7.21	900	-114.7	22.8	0.09	"	10.88
 									
 									
 									

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 checked="" type="checkbox"/>	Other: Dedicated Tubing		

Remarks:

Completed By (Print Name): DAVIA Lobban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-15
 Well Diameter: 4"
 Date: 10-23-20

$$\frac{50.00}{\text{TD}} - \frac{35.34}{\text{DTW}} = \frac{14.66}{\text{Water Column}}$$

$$\frac{50.00}{\text{Bottom of Screen}} - \frac{21.00}{\text{Top of Screen}} = \frac{29.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.34}{\text{DTW}} + 1/2 \left(\frac{7.33}{\text{Water Column}} \right) = \frac{42.67}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-23-20 Start (24 Hour) 10¹⁰ End (24 Hour) 10³⁰
 Date Sampled: 10-23-20 Start (24 Hour) 10³⁰ 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 ¹²	.25	35.42	7.38	1310	-86.2	23.3	1.09	clear	3.62
10 ¹⁴	.50	35.46	7.38	1308	-88.0	23.3	0.71	"	3.69
10 ¹⁶	.75	35.50	7.37	1308	-89.2	23.3	0.49	"	3.66
10 ¹⁸	1.0	35.52	7.36	1307	-90.0	23.3	0.35	"	3.70
10 ²⁰	1.25	35.52	7.36	1306	-90.8	23.3	0.27	"	3.77
10 ²²	1.50	35.53	7.36	1306	-91.5	23.3	0.21	"	3.73
10 ²⁴	1.75	35.53	7.36	1305	-92.2	23.2	0.16	"	3.16
10 ²⁶	2.0	35.53	7.35	1305	-92.7	23.2	0.13	"	3.39
10 ²⁸	2.25	35.54	7.35	1304	-93.1	23.2	0.12	"	3.45
10 ³⁰	2.5	35.54	7.35	1304	-93.3	23.2	0.10	"	3.71

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 WEBER

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-16
 Well Diameter: 4"
 Date: 10-21-20

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

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

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

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

Date Purged: 10-21-20 Start (24 Hour) 1¹⁵ End (24 Hour) 1³⁵
 Date Sampled: 10-21-20 Start (24 Hour) 1³⁵ 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)
117	.25	37.05	7.31	1113	84.1	23.4	1.34	clear	11.01
119	.50	37.10	7.31	1113	83.5	23.4	0.79	"	9.92
121	.75	37.12	7.30	1112	83.0	23.4	0.45	"	10.06
123	1.0	37.15	7.30	1110	82.6	23.4	0.33	"	10.51
125	1.25	37.15	7.30	1108	82.4	23.5	0.26	"	10.20
127	1.50	37.15	7.30	1106	82.1	23.5	0.21	"	9.93
129	1.75	37.16	7.30	1105	81.9	23.5	0.17	"	9.84
131	2.0	37.16	7.29	1105	81.7	23.5	0.13	"	9.73
133	2.25	37.16	7.29	1104	81.6	23.5	0.11	"	9.75
135	2.25	37.16	7.29	1104	81.5	23.5	0.10	"	9.73

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): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-17R
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{50.00}{\text{TD}} - \frac{36.95}{\text{DTW}} = \frac{13.05}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.95}{\text{DTW}} + \frac{1}{2} \left(\frac{6.53}{\text{Water Column}} \right) = \frac{43.48}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 9⁰⁰ End (24 Hour) 9²⁰
 Date Sampled: 10-20-20 Start (24 Hour) 9²⁰ 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)
902	.25	37.03	7.60	1087	53.5	23.4	1.93	den	1.01
904	.50	37.09	7.60	1087	54.4	23.4	1.40	"	1.39
906	.75	37.13	7.59	1085	55.1	23.4	1.01	"	1.27
908	1.0	37.15	7.59	1084	55.6	23.5	0.71	"	1.26
910	1.25	37.16	7.59	1082	56.1	23.5	0.43	"	1.31
912	1.50	37.17	7.57	1080	56.3	23.5	0.29	"	1.33
914	1.75	37.18	7.56	1079	56.5	23.5	0.21	"	1.35
916	2.0	37.18	7.56	1077	56.5	23.6	0.16	"	1.31
918	2.25	37.18	7.55	1077	56.7	23.6	0.13	"	1.39
920	2.50	37.18	7.55	1076	56.6	23.6	0.12	"	1.41

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): DAVID Webber

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-18
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{50.00}{\text{TD}} - \frac{35.88}{\text{DTW}} = \frac{14.12}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.88}{\text{DTW}} + 1/2 \left(\frac{7.06}{\text{Water Column}} \right) = \frac{42.94}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 10²⁵ End (24 Hour) 10⁴⁵
 Date Sampled: 10-26-20 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 ²⁷	.25	35.96	7.13	633	-121.2	25.2	1.22	clear	6.64
10 ²⁹	.50	36.02	7.13	633	-121.9	25.2	0.56	"	6.73
10 ³¹	.25	36.05	7.14	632	-122.5	25.3	0.31	"	6.87
10 ³³	1.0	36.08	7.14	632	-122.9	25.3	0.22	"	6.81
10 ³⁵	1.25	36.10	7.14	632	-123.4	25.3	0.15	"	6.83
10 ³⁷	1.50	36.10	7.14	632	-123.6	25.3	0.12	"	6.67
10 ³⁹	1.25	36.11	7.15	632	-123.7	25.3	0.12	"	6.69
10 ⁴¹	2.0	36.11	7.14	631	-123.9	25.3	0.10	"	6.71
10 ⁴³	2.25	36.11	7.13	631	-124.1	25.3	0.09	"	6.73
10 ⁴⁵	2.5	36.10	7.13	631	-124.3	25.3	0.08	"	6.59

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 WISH

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: BMW-19
 Well Diameter: 4"
 Date: 10-23-20

$$\frac{50.00}{\text{TD}} - \frac{35.84}{\text{DTW}} = \frac{14.16}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.84}{\text{DTW}} + \frac{1}{2} \left(\frac{7.08}{\text{Water Column}} \right) = \frac{42.92}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-23-20 Start (24 Hour) 9:35 End (24 Hour) 9:55
 Date Sampled: 10-23-20 Start (24 Hour) 9:05 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)
9:37	.25	35.93	7.22	1462	-92.4	23.1	1.09	clear	3.46
9:39	.50	35.98	7.22	1462	-94.0	23.1	0.31	"	3.23
9:41	.25	36.01	7.21	1461	-95.1	23.2	0.23	"	3.62
9:43	1.0	36.02	7.21	1461	-95.9	23.2	0.17	"	3.51
9:45	1.25	36.02	7.21	1460	-96.6	23.3	0.15	"	3.13
9:47	1.50	36.03	7.20	1460	-97.1	23.3	0.14	"	3.26
9:49	1.75	36.02	7.20	1460	-97.5	23.3	0.12	"	3.19
9:51	2.00	36.02	7.20	1460	-97.9	23.3	0.12	"	3.24
9:53	2.25	36.02	7.20	1459	-98.1	23.3	0.11	"	3.36
9:55	2.50	36.02	7.20	1459	-98.3	23.3	0.10	"	3.43

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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-21
 Well Diameter: 4"
 Date: 10-23-20

$$\frac{50.00}{\text{TD}} - \frac{35.21}{\text{DTW}} = \frac{14.79}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.21}{\text{DTW}} + 1/2 \left(\frac{7.40}{\text{Water Column}} \right) = \frac{42.61}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-23-20 Start (24 Hour) 12²⁵ End (24 Hour) 12⁴⁵
 Date Sampled: 10-23-20 Start (24 Hour) 12⁴⁵ 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 ²⁷	.25	35.28	7.27	1216	-92.1	23.1	1.09	clear	3.62
12 ²⁹	.50	35.33	7.27	1216	-92.8	23.1	0.41	"	3.58
12 ³¹	.25	35.37	7.26	1215	-92.4	23.2	0.25	"	3.51
12 ³³	1.0	35.40	7.26	1215	-92.9	23.2	0.18	"	3.55
12 ³⁵	1.25	35.42	7.26	1214	-93.3	23.2	0.15	"	3.53
12 ³⁷	1.50	35.42	7.25	1213	-93.7	23.2	0.12	"	3.47
12 ³⁹	1.75	35.43	7.25	1214	-93.9	23.2	0.10	"	3.50
12 ⁴¹	2.0	35.43	7.25	1214	-94.1	23.3	0.10	"	3.46
12 ⁴³	2.25	35.43	7.25	1213	-94.3	23.3	0.09	"	3.41
12 ⁴⁵	2.50	35.42	7.25	1213	-94.3	23.3	0.08	"	3.29

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 lobban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: 6 MW-31
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{65.00}{\text{TD}} - \frac{33.75}{\text{DTW}} = \frac{31.25}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.75}{\text{DTW}} + \frac{1}{2} \left(\frac{15.63}{\text{Water Column}} \right) = \frac{49.38}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 9:35 End (24 Hour) 9:55
 Date Sampled: 10-20-20 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)
9:37	.25	33.83	7.26	1235	-91.9	24.9	2.54	Yellow clear	22.69
9:39	.50	33.87	7.26	1236	-92.6	24.9	0.73	"	20.01
9:41	.75	33.91	7.24	1234	-94.0	24.9	0.35	"	17.62
9:43	1.0	33.93	7.24	1231	-94.8	24.9	0.27	"	18.39
9:45	1.25	33.95	7.23	1229	-95.5	24.9	0.21	"	15.10
9:47	1.50	33.95	7.22	1227	-96.0	25.0	0.18	"	13.73
9:49	1.75	33.97	7.22	1229	-96.3	25.0	0.15	"	11.99
9:51	2.0	33.97	7.22	1230	-96.7	25.0	0.15	"	11.01
9:53	2.25	33.97	7.21	1230	-97.0	25.0	0.14	"	10.36
9:55	2.50	33.97	7.21	1229	-97.2	25.0	0.13	"	10.79
 									
 									
 									

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-2 - pump in well, remove

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-35R
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{50.00}{\text{TD}} - \frac{34.69}{\text{DTW}} = \frac{15.31}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.69}{\text{DTW}} + \frac{1}{2} \left(\frac{7.66}{\text{Water Column}} \right) = \frac{42.35}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 1:50 End (24 Hour) 2:10
 Date Sampled: 10-26-20 Start (24 Hour) 2:10 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)
1:52	.25	34.80	7.12	1002	-153.5	23.4	1.55	clear	17.91
1:54	.50	34.86	7.11	1000	-153.9	23.4	1.09	"	16.82
1:56	.75	34.90	7.10	997	-154.2	23.4	0.71	"	16.15
1:58	1.0	34.90	7.10	996	-154.4	23.5	0.48	"	14.82
2:00	1.25	34.92	7.10	996	-154.5	23.5	0.29	"	15.07
2:02	1.50	34.92	7.09	995	-154.6	23.5	0.19	"	13.91
2:04	1.75	34.92	7.09	995	-154.8	23.5	0.14	"	12.62
2:06	2.0	34.92	7.09	995	-154.9	23.5	0.11	"	11.01
2:08	2.25	34.90	7.09	995	-155.0	23.6	0.11	"	10.62
2:10	2.50	34.90	7.09	995	-155.0	23.6	0.10	"	10.81

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): DAVID Webber

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-41
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{50.00}{\text{TD}} - \frac{31.99}{\text{DTW}} = \frac{18.01}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{31.99}{\text{DTW}} + 1/2 \left(\frac{9.01}{\text{Water Column}} \right) = \frac{41.00}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 10⁰⁰ End (24 Hour) 11²⁰
 Date Sampled: 10-20-20 Start (24 Hour) 11²⁰ 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 ⁵²	.25	32.10	7.53	369.3	65.1	25.2	5.97	clm	6.63
10 ⁵⁴	.50	32.14	7.53	368.19	65.7	25.2	4.65	"	6.63
10 ⁵⁶	.75	32.18	7.52	368.7	66.2	25.2	3.51	"	6.69
10 ⁵⁸	1.0	32.20	7.52	368.4	66.7	25.2	2.79	"	6.74
11 ⁰⁰	1.25	32.19	7.52	368.2	67.1	25.3	1.19	"	7.01
11 ⁰²	1.50	32.19	7.51	368.0	67.4	25.3	0.71	"	6.96
11 ⁰⁴	1.75	32.20	7.51	368.0	67.5	25.3	0.61	"	7.11
11 ⁰⁶	2.0	32.21	7.51	367.9	67.7	25.3	0.57	"	7.13
11 ⁰⁸	2.25	32.21	7.51	367.7	67.9	25.3	0.54	"	7.24
11 ¹⁰	2.5	32.21	7.51	367.5	68.1	25.3	0.53	"	7.20

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 Wobben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-42
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{50.50}{\text{TD}} - \frac{34.74}{\text{DTW}} = \frac{15.76}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.74}{\text{DTW}} + 1/2 \left(\frac{7.88}{\text{Water Column}} \right) = \frac{42.62}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 10¹⁵ End (24 Hour) 10³⁵
 Date Sampled: 10-20-20 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)	TURBIDITY (visual or NTU)
10 ¹⁷	.25	34.81	7.37	1623	8.9	24.5	1.14	low	13.67
10 ¹⁹	.50	34.86	7.37	1622	11.8	24.5	0.81	"	12.82
10 ²¹	.75	34.90	7.36	1622	13.1	24.5	0.54	"	12.61
10 ²³	1.0	34.92	7.36	1620	14.1	24.5	0.39	"	12.03
10 ²⁵	1.4	34.93	7.36	1619	14.8	24.4	0.22	"	11.32
10 ²⁷	1.50	34.93	7.35	1619	15.6	24.4	0.17	"	11.67
10 ²⁹	1.75	34.94	7.35	1618	16.2	24.4	0.14	"	11.01
10 ³¹	2.0	34.94	7.35	1616	16.8	24.4	0.12	"	10.89
10 ³³	2.25	34.95	7.35	1617	17.2	24.4	0.10	"	10.80
10 ³⁵	2.50	34.95	7.35	1616	17.5	24.4	0.10	"	10.71

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 WBBER

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-43
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{50.50}{\text{TD}} - \frac{35.04}{\text{DTW}} = \frac{15.46}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water-Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.04}{\text{DTW}} + 1/2 \left(\frac{7.73}{\text{Water Column}} \right) = \frac{42.77}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 10²⁵ End (24 Hour) 10⁴⁵
 Date Sampled: 10-22-20 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 ²⁷	.25	35.12	7.57	442.7	-80.0	22.1	1.38	clear	206.03
10 ²⁹	.50	35.18	7.57	442.9	-80.0	22.1	0.71	"	191.09
10 ³¹	.75	35.21	7.57	443.1	-79.4	22.1	0.41	"	195.71
10 ³³	1.0	35.23	7.56	443.3	-78.9	22.1	0.25	"	190.03
10 ³⁵	1.25	25.25	7.56	443.4	-78.4	22.1	0.18	"	186.22
10 ³⁷	1.50	35.25	7.56	443.5	-77.7	22.1	0.14	"	180.30
10 ³⁹	1.75	35.25	7.55	443.5	-77.2	22.2	0.12	"	177.43
10 ⁴¹	2.00	35.25	7.55	443.6	-76.7	22.2	0.11	"	173.62
10 ⁴³	2.25	35.25	7.55	443.7	-76.4	22.2	0.10	"	169.73
10 ⁴⁵	2.50	35.25	7.54	443.7	-76.3	22.2	0.10	"	166.12

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-4

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-44
 Well Diameter: 4"
 Date: ~~10-20-20~~ 10-20-20

$$\frac{50.50}{\text{TD}} - \frac{34.65}{\text{DTW}} = \frac{15.35}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.65}{\text{DTW}} + \frac{1}{2} \left(\frac{7.68}{\text{Water Column}} \right) = \frac{42.33}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 1145 End (24 Hour) 1205
 Date Sampled: 10-20-20 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)
1147	.25	34.73	7.31	897	96.5	24.9	1.93	clear	2.41
1149	.50	34.76	7.31	897	96.9	24.9	0.63	"	2.69
1151	.75	34.80	7.30	896	97.7	24.9	0.39	"	2.62
1153	1.0	34.84	7.30	896	98.6	24.9	0.22	"	2.57
1155	1.25	34.86	7.30	897	99.5	25.0	0.17	"	2.71
1157	1.50	34.85	7.29	898	100.3	25.0	0.13	"	2.81
1159	1.75	34.85	7.29	898	100.8	25.0	0.13	"	2.92
1201	2.0	34.87	7.29	899	101.2	25.0	0.11	"	2.88
1203	2.25	34.87	7.29	900	101.5	25.0	0.10	"	2.94
1205	2.50	34.87	7.29	900	101.6	25.0	0.10	"	2.98

PURGING EQUIPMENT			SAMPLING EQUIPMENT		
<input type="checkbox"/>	Centrifugal Pump	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	Teflon Baller
<input type="checkbox"/>	Submersible Pump	Disposable Pump	<input type="checkbox"/>	Submersible Pump	Disposable Baller
<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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-45
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{50.00}{\text{TD}} - \frac{34.02}{\text{DTW}} = \frac{15.98}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.02}{\text{DTW}} + \frac{1}{2} \left(\frac{7.99}{\text{Water Column}} \right) = \frac{42.01}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 12⁴⁰ End (24 Hour) 1⁰⁰
 Date Sampled: 10-26-20 Start (24 Hour) 1⁰⁰p 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 ⁴²	.25	34.10	7.09	1260	-199.6	23.5	0.94	clear	5.11
12 ⁴⁴	.50	34.15	7.09	1260	-201.2	23.5	0.50	"	5.10
12 ⁴⁶	.75	34.18	7.08	1259	-202.9	23.5	0.31	"	5.07
12 ⁴⁸	1.0	34.22	7.08	1258	-204.1	23.5	0.19	"	5.06
12 ⁵⁰	1.25	34.24	7.07	1258	-204.9	23.5	0.15	"	5.07
12 ⁵²	1.50	34.23	7.06	1256	-205.7	23.5	0.14	"	5.01
12 ⁵⁴	1.75	34.23	7.06	1256	-206.3	23.5	0.12	"	5.03
12 ⁵⁶	2.0	34.24	7.06	1255	-206.7	23.5	0.10	"	5.04
12 ⁵⁸	2.25	34.24	7.06	1254	-207.1	23.5	0.10	"	5.10
12 ¹⁰⁰	2.50	34.24	7.06	1254	-207.4	23.5	0.09	"	5.15

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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-47
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{50.50}{\text{TD}} - \frac{34.82}{\text{DTW}} = \frac{15.68}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.82}{\text{DTW}} + \frac{1}{2} \left(\frac{7.84}{\text{Water Column}} \right) = \frac{42.66}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 115 End (24 Hour) 135
 Date Sampled: 10-26-20 Start (24 Hour) 135 End (24 Hour) 135

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)
117	.25	34.88	7.03	1968	-185.1	23.3	0.192	clear	1.28
119	.50	34.93	7.01	1968	-187.4	23.3	0.61	"	1.33
121	.75	34.98	7.00	1967	-189.5	23.3	0.43	"	1.39
123	1.0	35.06	6.98	1967	-191.8	23.4	0.29	"	1.36
125	1.25	35.00	6.98	1966	-192.8	23.4	0.21	"	1.44
127	1.50	34.99	6.97	1966	-193.6	23.4	0.16	"	1.51
129	1.75	34.99	6.97	1966	-194.3	22.4	0.13	"	1.64
131	2.0	35.00	6.97	1966	-194.8	23.4	0.12	"	1.59
133	2.25	35.00	6.96	1965	-194.9	23.4	0.10	"	1.77
135	2.50	35.02	6.96	1965	-195.2	23.4	0.10	"	1.84

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 WEBER

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-48
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{50.50}{\text{TD}} - \frac{37.16}{\text{DTW}} = \frac{13.34}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.16}{\text{DTW}} + 1/2 \left(\frac{6.67}{\text{Water Column}} \right) = \frac{43.83}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-21-20 Start (24 Hour) 11²⁵ End (24 Hour) 11⁴⁵
 Date Sampled: 10-21-20 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)
11 ²⁷	.75	37.23	7.31	1013	-23.2	23.1	2.15	clear	1.85
11 ²⁹	.50	37.33	7.31	1013	-23.2	23.1	1.19	"	1.92
11 ³¹	.75	NT	7.31	1014	-23.8	23.1	0.88	"	2.02
11 ³³	1.0	NT	7.30	1015	-24.3	23.1	0.49	"	2.15
11 ³⁵	1.25	37.38	7.30	1014	-24.8	23.1	0.23	"	2.11
11 ³⁷	1.50	37.38	7.29	1012	-25.2	23.1	0.18	"	2.13
11 ³⁹	1.75	37.39	7.29	1010	-25.7	23.1	0.17	"	2.06
11 ⁴¹	2.0	37.40	7.29	1009	-26.1	23.2	0.16	"	2.31
11 ⁴³	2.25	37.40	7.29	1008	-26.4	23.2	0.15	"	2.27
11 ⁴⁵	2.50	37.40	7.29	1007	-26.8	23.2	0.15	"	2.25

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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-56
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{55.00}{\text{TD}} - \frac{34.19}{\text{DTW}} = \frac{20.81}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.19}{\text{DTW}} + \frac{1}{2} \left(\frac{10.41}{\text{Water Column}} \right) = \frac{44.60}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-21-20 Start (24 Hour) 11¹⁵ End (24 Hour) 12¹⁵
 Date Sampled: 10-21-20 Start (24 Hour) 12¹⁵ 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 ¹⁷	.25	NT	7.40	508	-40.9	22.7	clear	yellow clear	73.16
11 ¹⁹	.50	34.26	7.40	508	-42.1	22.7	"	"	51.31
12 ⁰¹	.25	34.30	7.39	508	-42.9	22.7	"	"	45.16
12 ⁰³	1.0	34.34	7.39	508	-43.8	22.7	"	"	48.10
12 ⁰⁵	1.25	34.36	7.37	508	-44.5	22.7	"	"	47.81
12 ⁰⁷	1.50	34.36	7.37	508	-45.1	22.6	"	clear	46.31
12 ⁰⁹	1.75	34.38	7.37	507	-45.3	22.6	"	"	40.11
12 ¹¹	2.0	34.38	7.36	507	-45.5	22.6	"	"	38.84
12 ¹³	2.25	34.38	7.36	507	-45.6	22.6	"	"	39.10
12 ¹⁵	2.50	34.38	7.36	507	-45.9	22.6	"	"	38.16
 									
 									
 									

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): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-57
 Well Diameter: 4"
 Date: 10-23-20

$$\frac{55.00}{TD} - \frac{35.38}{DTW} = \frac{19.62}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

$$\frac{35.38}{DTW} + 1/2 \left(\frac{9.81}{\text{Water Column}} \right) = \frac{45.19}{\text{Pump Intake Depth}}$$

< OR >

Pump Intake Depth, Submerged Screen:

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

Date Purged: 10-23-20 Start (24 Hour) 840 End (24 Hour) _____
 Date Sampled: 10-23-20 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)
842	.25	35.45	7.29	1206	-96.7	23.3	1.09	clear	1.71
844	.50	35.50	7.29	1206	-97.0	23.3	0.49	"	1.79
846	.75	35.54	7.28	1205	-97.3	23.4	0.26	"	1.88
848	1.0	35.58	7.26	1205	-97.5	23.4	0.19	"	1.85
850	1.25	35.60	7.26	1203	-97.8	23.4	0.15	"	1.84
852	1.50	35.60	7.26	1203	-98.1	23.4	0.12	"	1.96
854	1.75	35.60	7.25	1202	-98.3	23.4	0.11	"	1.95
856	2.0	35.60	7.25	1201	-98.5	23.4	0.11	"	2.01
858	2.25	35.60	7.25	1201	-98.6	23.4	0.10	"	2.09
900	2.50	35.60	7.25	1201	-98.6	23.4	0.10	"	2.04
 									
 									
 									

PURGING EQUIPMENT			SAMPLING EQUIPMENT				
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teflon Baller
<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Pump	<input type="checkbox"/>	Submersible Pump	<input type="checkbox"/>	Disposable Baller
<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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-58
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{55.00}{\text{TD}} - \frac{34.72}{\text{DTW}} = \frac{20.28}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.72}{\text{DTW}} + \frac{1}{2} \left(\frac{10.14}{\text{Water Column}} \right) = \frac{44.86}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 1245 End (24 Hour) 105
 Date Sampled: 10-22-20 Start (24 Hour) 105 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)
1247	1.25	34.81	7.16	973	-54.2	24.1	1.45	clear	1.25
1249	1.50	34.85	7.15	972	-55.1	24.1	0.67	"	1.33
1251	1.25	34.90	7.14	970	-55.8	24.1	0.41	"	1.28
1253	1.0	34.88	7.14	970	-56.5	24.1	0.29	"	1.35
1255	1.25	34.88	7.14	968	-56.9	24.1	0.21	"	1.41
1257	1.50	34.90	7.13	968	-57.5	24.1	0.16	"	1.49
1259	1.75	34.90	7.13	967	-58.1	24.1	0.13	"	1.46
101	2.0	34.90	7.13	966	-58.5	24.1	0.13	"	1.61
103	2.25	34.90	7.13	966	-58.9	24.1	0.12	"	1.53
105	2.50	34.90	7.13	966	-59.2	24.1	0.11	"	1.55

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 WBB

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-59
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{55.00}{\text{TD}} - \frac{32.57}{\text{DTW}} = \frac{22.43}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{32.57}{\text{DTW}} + \frac{1}{2} \left(\frac{11.22}{\text{Water Column}} \right) = \frac{43.79}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 12¹⁰ End (24 Hour) 12³⁰
 Date Sampled: 10-22-20 Start (24 Hour) 12³⁰ 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 ¹²	.25	32.64	7.26	957	-10.0	23.8	1.38	clear	9.36
12 ¹⁴	.50	32.68	7.26	957	-10.2	23.8	0.71	"	9.51
12 ¹⁶	.25	32.71	7.25	956	-10.5	23.9	0.41	"	9.46
12 ¹⁸	1.0	32.74	7.25	956	-10.9	23.9	0.26	"	9.42
12 ²⁰	1.25	32.76	7.25	955	-11.2	23.9	0.18	"	9.31
12 ²²	1.50	32.76	7.24	955	-11.5	23.8	0.13	"	9.26
12 ²⁴	1.25	32.76	7.23	953	-11.7	23.8	0.11	"	9.19
12 ²⁶	2.0	32.76	7.23	952	-11.9	23.8	0.11	"	9.22
12 ²⁸	2.25	32.76	7.23	951	-12.0	23.8	0.10	"	9.24
12 ³⁰	2.50	32.76	7.23	951	-12.1	23.8	0.10	"	9.20

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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-60
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{80.00}{\text{TD}} - \frac{34.72}{\text{DTW}} = \frac{15.28}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.72}{\text{DTW}} + 1/2 \left(\frac{7.64}{\text{Water Column}} \right) = \frac{42.36}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-21-20 Start (24 Hour) 945 End (24 Hour) 1005
 Date Sampled: 10-21-20 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)
947	.25	34.80	7.26	1354	-6.1	22.4	2.38	clear	3.54
949	.50	34.85	7.26	1354	-6.4	22.4	1.19	"	3.55
951	.75	34.87	7.26	1353	-6.3	22.5	0.92	"	3.67
953	1.0	34.89	7.25	1352	-6.2	22.5	0.69	"	3.68
955	1.25	NT	7.25	1352	-6.0	22.5	0.49	"	3.74
957	1.50	NT	7.24	1351	-5.8	22.5	0.31	"	3.74
959	1.75	34.93	7.24	1351	-5.7	22.5	0.23	"	3.79
1001	2.0	34.93	7.24	1350	-5.5	22.5	0.18	"	3.91
1003	2.25	34.93	7.24	1350	-5.5	22.5	0.15	"	3.92
1005	2.5	34.94	7.24	1350	-5.4	22.5	0.14	"	3.96

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 WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address : 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-61
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{50.00}{\text{TD}} - \frac{34.02}{\text{DTW}} = \frac{15.98}{\text{Water Column}}$$

$$\frac{40.00}{\text{Bottom of Screen}} - \frac{30.00}{\text{Top of Screen}} = \frac{10.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.02}{\text{DTW}} + \frac{1}{2} \left(\frac{7.99}{\text{Water Column}} \right) = \frac{42.01}{\text{Pump Intake Depth}}$$

$$\frac{30.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{35.0}{\text{Screen Length}} \right) = \frac{35.00}{\text{Pump Intake Depth}}$$

Date Purged: 10-21-20 Start (24 Hour) 7⁵⁵ End (24 Hour) 8¹⁵
 Date Sampled: 10-21-20 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 ⁵⁷	.25	34.09	7.50	3334	112.2	23.3	2.29	clear	1.79
7 ⁵⁹	.50	34.14	7.50	3334	112.4	23.3	0.131	"	2.12
8 ⁰¹	.75	34.18	7.50	3332	112.5	23.3	0.91	"	2.41
8 ⁰³	1.0	34.20	7.49	3331	112.7	23.3	0.59	"	2.35
8 ⁰⁵	1.25	34.22	7.49	3329	112.8	23.3	0.36	"	2.38
8 ⁰⁷	1.50	34.23	7.48	3327	113.0	23.2	0.18	"	2.49
8 ⁰⁹	1.75	34.34	7.48	3327	113.1	23.2	0.14	"	2.56
8 ¹¹	2.0	34.35	7.48	3325	113.3	23.2	0.13	"	2.71
8 ¹³	2.25	34.35	7.48	3324	113.4	23.2	0.12	"	2.69
8 ¹⁵	2.5	34.35	7.47	3324	113.5	23.2	0.12	"	2.65

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 Wobben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-62
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{40.50}{\text{TD}} - \frac{34.71}{\text{DTW}} = \frac{5.79}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.71}{\text{DTW}} + \frac{1}{2} \left(\frac{2.90}{\text{Water Column}} \right) = \frac{37.61}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-19-20 Start (24 Hour) 11¹⁰ End (24 Hour) 11³⁰
 Date Sampled: 10-19-20 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)
11 ¹²	.25	34.77	6.92	3389	-291.8	21.1	0.56	clear	1.20
11 ¹⁴	.50	34.81	6.92	3389	-294.7	21.1	0.39	"	1.29
11 ¹⁶	.75	34.80	6.91	3387	-296.8	21.1	0.28	"	1.22
11 ¹⁸	1.0	34.84	6.91	3384	-298.5	21.1	0.35	"	1.13
11 ²⁰	1.25	34.86	6.91	3381	-300.2	21.1	0.19	"	1.17
11 ²²	1.50	34.87	6.91	3379	-301.1	21.1	0.15	"	1.22
11 ²⁴	1.75	34.88	6.91	3378	-301.9	21.1	0.13	"	1.20
11 ²⁶	2.0	34.88	6.91	3375	-302.6	21.2	0.11	"	1.36
11 ²⁸	2.25	34.88	6.91	3375	-303.1	21.2	0.10	"	1.41
11 ³⁰	2.50	34.89	6.90	3375	-303.4	21.2	0.10	"	1.39

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): DAVID Lubban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

33.86
33.88

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: 6MW-63
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{41.00}{\text{TD}} - \frac{35.41}{\text{DTW}} = \frac{5.59}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.41}{\text{DTW}} + \frac{1}{2} \left(\frac{2.80}{\text{Water Column}} \right) = \frac{38.21}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-19-20 Start (24 Hour) 850 End (24 Hour) 910
 Date Sampled: 10-19-20 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)
872	.25	35.46	6.69	2783	205.3	20.0	1.89	clear	13.17
874	.50	35.50	6.73	2782	191.0	20.1	1.43	"	12.29
876	.75	35.54	6.75	2799	187.4	20.1	1.32	"	11.68
878	1.0	35.56	6.76	2811	185.0	20.3	1.26	"	11.41
900	1.25	35.58	6.78	2822	182.1	20.5	1.15	"	11.07
902	1.50	35.59	6.79	2829	180.6	20.6	1.09	"	10.86
904	1.75	35.60	6.79	2823	179.5	20.6	0.89	"	10.71
906	2.0	35.60	6.80	2817	179.0	20.5	0.86	"	10.19
908	2.25	35.60	6.80	2815	178.6	20.5	0.82	"	10.20
910	2.50	35.60	6.80	2812	178.2	20.5	0.79	"	9.89
 									
 									
 									

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): DAVID WOODMAN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-64
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{41.00}{\text{TD}} - \frac{33.57}{\text{DTW}} = \frac{7.43}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.57}{\text{DTW}} + 1/2 \left(\frac{3.74}{\text{Water Column}} \right) = \frac{37.30}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-19-20 Start (24 Hour) 8¹⁵ End (24 Hour) 8³⁵
 Date Sampled: 10-19-20 Start (24 Hour) 8³⁵ 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 ¹⁷	.25	33.63	7.24	2012	136.4	20.0	1.23	clear	43.16
8 ¹⁹	.50	33.68	7.22	2013	137.1	20.0	0.93	"	32.22
8 ²¹	.25	33.71	7.22	2012	137.3	20.0	0.94	"	24.01
8 ²³	1.0	33.74	7.21	2010	137.3	20.0	0.90	"	25.13
8 ²⁵	1.25	33.75	7.21	2008	137.3	20.0	0.88	"	25.75
8 ²⁷	1.50	33.75	7.20	2005	137.2	20.1	0.86	"	23.13
8 ²⁹	1.75	33.74	7.19	2001	137.2	20.1	0.85	"	19.69
8 ³¹	2.0	33.74	7.19	1999	137.1	20.1	0.82	"	20.14
8 ³³	2.25	33.75	7.18	1997	137.1	20.1	0.83	"	17.63
8 ³⁵	2.50	33.75	7.18	1995	137.1	20.2	0.81	"	18.03

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): DAVID WBBAN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-65
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{41.50}{TD} - \frac{35.13}{DTW} = \frac{6.37}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.13}{DTW} + \frac{1}{2} \left(\frac{3.19}{\text{Water Column}} \right) = \frac{38.32}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-19-20 Start (24 Hour) 925 End (24 Hour) 945
 Date Sampled: 10-19-20 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)
927	.25	35.20	7.06	2688	-16.3	21.3	0.65	clear	63.13
929	.50	35.25	7.03	2686	-9.7	21.1	0.54	"	72.62
931	.25	35.28	7.03	2684	-7.7	21.2	0.52	"	52.30
933	1.0	35.30	7.02	2683	-6.6	21.2	0.50	"	51.89
935	1.25	35.32	7.01	2682	-6.4	21.2	0.50	"	45.25
937	1.50	35.32	7.01	2679	-7.7	21.2	0.51	"	41.34
939	1.75	35.32	7.00	2676	-11.9	21.2	0.52	"	35.81
941	2.0	35.32	7.00	2677	-46.2	21.2	0.52	"	26.91
943	2.25	35.32	7.00	2676	-56.2	21.2	0.51	"	22.25
945	2.50	35.32	6.99	2677	-58.0	21.2	0.53	"	23.61
 									
 									
 									

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"/>	<input checked="" type="checkbox"/> Other: Dedicated Tubing			

Remarks:

Completed By (Print Name): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-66R
 Well Diameter: 4"
 Date: 10-21-20

$$\frac{46.50}{\text{TD}} - \frac{38.00}{\text{DTW}} = \frac{8.50}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{38.00}{\text{DTW}} + 1/2 \left(\frac{4.25}{\text{Water Column}} \right) = \frac{42.25}{\text{Pump Intake Depth}}$$

$$\frac{20.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{12.50}{\text{Screen Length}} \right) = \frac{32.50}{\text{Pump Intake Depth}}$$

Date Purged: 10-21-20 Start (24 Hour) 10:55 End (24 Hour) 11:15
 Date Sampled: 10-21-20 Start (24 Hour) 11:15 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)
10 ⁵⁷	.25	38.07	7.36	1013	-24.2	22.5	1.63	clear	5.27
10 ⁵⁹	.50	38.13	7.36	1013	-24.6	22.5	0.71	"	5.34
11 ⁰¹	.25	38.16	7.35	1012	-25.0	22.5	0.42	"	5.49
11 ⁰³	1.0	38.17	7.35	1012	-25.6	22.5	0.20	"	5.52
11 ⁰⁵	1.25	38.17	7.35	1012	-26.14	22.5	0.15	"	5.49
11 ⁰⁷	1.50	38.18	7.35	1011	-26.9	22.5	0.12	"	5.61
11 ⁰⁹	1.75	38.18	7.35	1011	-27.3	22.5	0.12	"	5.72
11 ¹¹	2.0	38.19	7.35	1010	-27.5	22.5	0.11	"	5.73
11 ¹³	2.25	38.20	7.35	1010	-28.0	22.5	0.11	"	5.76
11 ¹⁵	2.50	38.20	7.35	1010	-28.3	22.5	0.10	"	5.91

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: Dupe-3

Completed By (Print Name): DAVID WEBBER

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-67
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{47.00}{\text{TD}} - \frac{34.41}{\text{DTW}} = \frac{12.59}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.41}{\text{DTW}} + \frac{1}{2} \left(\frac{6.30}{\text{Water Column}} \right) = \frac{40.71}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-19-20 Start (24 Hour) 10⁰⁰ End (24 Hour) 10²⁰
 Date Sampled: 10-19-20 Start (24 Hour) 10²⁰ 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 ⁰²	.25	34.48	7.30	2209	-161.4	20.9	0.54	clear	10.38
10 ⁰⁴	.50	34.52	7.28	2205	-163.7	21.0	0.43	"	8.96
10 ⁰⁶	.75	34.55	7.27	2202	-164.2	21.0	0.41	"	8.71
10 ⁰⁸	1.0	34.58	7.27	2200	-164.8	21.0	0.38	"	8.84
10 ¹⁰	1.25	34.60	7.27	2197	-165.8	21.1	0.36	"	8.11
10 ¹²	1.50	34.60	7.27	2195	-167.0	21.1	0.35	"	8.31
10 ¹⁴	1.75	34.60	7.27	2194	-167.6	21.1	0.35	"	7.91
10 ¹⁶	2.0	34.61	7.27	2192	-168.1	21.1	0.34	"	7.13
10 ¹⁸	2.25	34.61	7.27	2190	-168.3	21.1	0.34	"	6.72
10 ²⁰	2.50	34.61	7.27	2189	-168.5	21.1	0.34	"	6.13

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: Duplicate - 1 obtained here.

Completed By (Print Name): DAVID Webber

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GMW-69
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{45.00}{\text{TD}} - \frac{33.39}{\text{DTW}} = 12.61$$

Water Column

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

Screen Length

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.39}{\text{DTW}} + \frac{1}{2} \left(\frac{6.32}{\text{Water Column}} \right) = \frac{39.71}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-19-20 Start (24 Hour) 10³⁵ End (24 Hour) 10⁵⁵
 Date Sampled: 10-19-20 Start (24 Hour) 10⁵⁵ 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 ³⁷	.25	33.45	7.11	2580	-164.5	21.2	0.63	10e	15.23
10 ³⁹	.50	33.50	7.68	2574	-166.8	21.2	0.49	"	11.58
10 ⁴¹	.25	33.53	7.06	2572	-167.4	21.2	0.45	"	10.91
10 ⁴³	1.0	33.56	7.04	2570	-168.0	21.2	0.43	"	11.62
10 ⁴⁵	1.25	33.58	7.04	2568	-168.6	21.1	0.43	"	10.88
10 ⁴⁷	1.50	33.60	7.03	2565	-169.4	21.1	0.41	"	10.67
10 ⁴⁹	1.75	33.60	7.03	2564	-169.8	21.1	0.41	"	10.09
10 ⁵¹	2.0	33.60	7.02	2562	-170.1	21.1	0.40	"	9.69
10 ⁵³	2.25	33.60	7.02	2563	-170.4	21.1	0.40	"	9.81
10 ⁵⁵	2.5	33.60	7.02	2563	-170.5	21.1	0.39	"	9.72

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 lobban

Signature: *David Lobban*

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-2
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{63.00}{TD} - \frac{35.33}{DTW} = \frac{27.67}{Water\ Column}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.33}{DTW} + 1/2 \left(\frac{13.84}{Water\ Column} \right) = \frac{49.17}{Pump\ Intake\ Depth}$$

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

Date Purged: 10-26-20 Start (24 Hour) 8³⁵ End (24 Hour) 8⁵⁵
 Date Sampled: 10-26-20 Start (24 Hour) 8⁵⁵ 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)
817	.25	35.40	7.12	697	-45.8	20.6	1.45	cler	29.10
819	.50	35.46	7.12	697	-45.9	20.6	0.89	"	28.36
821	.70	35.48	7.11	698	-46.2	20.6	0.64	"	28.12
823	1.0	35.51	7.11	698	-46.3	20.6	0.49	"	26.51
825	1.25	35.50	7.11	698	-46.5	20.7	0.36	"	26.21
827	1.50	35.50	7.11	698	-46.7	20.7	0.24	"	25.39
829	1.75	35.51	7.11	699	-46.9	20.7	0.18	"	26.75
831	2.0	35.51	7.10	699	-47.0	20.7	0.15	"	26.13
833	2.25	35.51	7.10	699	-47.0	20.7	0.12	"	25.10
835	2.50	35.51	7.10	699	-47.2	20.7	0.11	"	25.13

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): DAVID WEBER

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-3
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{63.00}{TD} - \frac{35.71}{DTW} = \frac{27.29}{Water\ Column}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.71}{DTW} + \frac{1}{2} \left(\frac{13.65}{Water\ Column} \right) = \frac{49.36}{Pump\ Intake\ Depth}$$

$$\frac{25.00}{Top\ of\ Screen\ Depth} + \frac{1}{2} \left(\frac{17.5}{Screen\ Length} \right) = \frac{42.50}{Pump\ Intake\ Depth}$$

Date Purged: 10-22-20 Start (24 Hour) 7³⁰ End (24 Hour) 7⁵⁰
 Date Sampled: 10-22-20 Start (24 Hour) 7⁵⁰ 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 ³²	.25	35.77	7.34	1610	4.9	22.0	2.12	clear	22.12
7 ³⁴	.50	35.82	7.34	1610	4.9	22.0	0.51	"	20.10
7 ³⁶	.75	35.85	7.33	1609	5.2	22.0	0.34	"	16.52
7 ³⁸	1.0	35.86	7.32	1608	5.4	22.0	0.23	"	16.52
7 ⁴⁰	1.25	35.86	7.32	1606	5.7	22.0	0.18	"	16.01
7 ⁴²	1.50	MT	7.31	1606	6.0	22.0	0.17	"	14.21
7 ⁴⁴	1.75	MT	7.31	1603	6.2	22.1	0.15	"	12.80
7 ⁴⁶	2.0	35.88	7.31	1604	6.2	22.1	0.13	"	11.62
7 ⁴⁸	2.25	35.88	7.31	1603	6.4	22.1	0.12	"	10.91
7 ⁵⁰	2.50	35.88	7.31	1602	6.5	22.1	0.12	"	10.22

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 Lubban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-6
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{63.00}{\text{TD}} - \frac{35.92}{\text{DTW}} = \frac{17.08}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.92}{\text{DTW}} + \frac{1}{2} \left(\frac{8.54}{\text{Water Column}} \right) = \frac{44.96}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 7⁰⁰ End (24 Hour) 8¹⁰
 Date Sampled: 10-20-20 Start (24 Hour) 8¹⁰ 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 ⁵²	.25	35.99	7.62	730	20.5	21.7	1.96	clear	5.03
7 ⁵⁴	.50	36.05	7.62	730	21.8	21.7	1.26	"	5.04
7 ⁵⁶	.75	36.08	7.61	729	23.0	21.7	0.92	"	5.13
7 ⁵⁸	1.0	38.10	7.61	728	23.8	21.7	0.58	"	5.46
8 ⁰⁰	1.25	38.11	7.60	728	23.9	21.8	0.44	"	5.40
8 ⁰²	1.50	38.11	7.61	727	24.5	21.8	0.30	"	5.35
8 ⁰⁴	1.75	38.12	7.61	725	24.9	21.8	0.21	"	5.38
8 ⁰⁶	2.0	38.12	7.60	726	25.2	21.8	0.16	"	5.32
8 ⁰⁸	2.25	38.13	7.59	726	25.6	21.8	0.14	"	5.30
8 ¹⁰	2.50	38.13	7.59	724	25.9	21.8	0.13	"	5.41

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): David Woban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-8
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{63.00}{TD} - \frac{35.79}{DTW} = \frac{27.21}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

$$\frac{35.79}{DTW} + \frac{1}{2} \left(\frac{13.61}{\text{Water Column}} \right) = \frac{49.40}{\text{Pump Intake Depth}}$$

< OR >

Pump Intake Depth, Submerged Screen:

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

Date Purged: 10-19-20 Start (24 Hour) 12⁰⁰ End (24 Hour) 110
 Date Sampled: 10-19-20 Start (24 Hour) 110 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 ⁵²	.25	35.86	7.22	1203	-2.7	23.4	4.88	clear	21.08
12 ⁵⁴	.50	35.90	7.22	1203	-3.7	23.4	2.63	"	16.21
12 ⁵⁶	.75	35.94	7.22	1203	-4.8	23.5	1.71	"	15.43
12 ⁵⁸	1.0	35.98	7.21	1202	-5.1	23.5	1.18	"	12.63
12 ⁵⁹	1.25	36.00	7.21	1202	-5.6	23.5	0.73	"	12.91
1 ⁰²	1.50	36.00	7.21	1200	-6.0	23.5	0.40	"	10.03
1 ⁰⁴	1.75	36.00	7.21	1200	-6.3	23.5	0.27	"	11.62
1 ⁰⁶	2.0	36.00	7.20	1201	-6.7	23.6	0.20	"	10.71
1 ⁰⁸	2.25	36.00	7.20	1201	-6.9	23.6	0.17	"	10.39
1 ¹⁰	2.50	36.00	7.20	1201	-7.1	23.6	0.16	"	10.62

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 Lubban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-L3
 Well Diameter: 6"
 Date: 10-22-20 10-22-20

$$\frac{67.00}{TD} - \frac{36.55}{DTW} = \frac{30.45}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.55}{DTW} + \frac{1}{2} \left(\frac{15.23}{\text{Water Column}} \right) = \frac{51.78}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 8⁴⁵ End (24 Hour) 9⁰⁵
 Date Sampled: 10-22-20 Start (24 Hour) 9⁰⁵ 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 ⁴⁷	.25	36.62	7.26	1620	-91.1	22.1	1.22	clear	2.97
8 ⁴⁹	.50	36.66	7.26	1620	-92.3	22.1	0.59	"	3.13
8 ⁵¹	.75	36.70 ^{DL}	7.25	1619	-93.2	22.1	0.36	"	3.02
8 ⁵³	1.0	36.73	7.25	1617	-94.0	22.1	0.25	"	3.02
8 ⁵⁵	1.25	36.75	7.25	1615	-94.8	22.2	0.19	"	3.09
8 ⁵⁷	1.50	36.75	7.24	1612	-94.9	22.2	0.17	"	3.13
8 ⁵⁹	1.75	36.75	7.23	1611	-95.3	22.2	0.14	"	3.31
9 ⁰¹	2.0	36.74	7.23	1609	-95.7	22.3	0.12	"	3.26
9 ⁰³	2.25	36.74	7.23	1608	-95.9	22.3	0.11	"	3.29
9 ⁰⁵	2.50	36.74	7.23	1608	-96.0	22.3	0.10	"	3.35

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): DAVID lobban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5

Well ID: GW-14R

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650 ?

Date: 10-26-20

$$\frac{50.00}{\text{TD}} - \frac{34.15}{\text{DTW}} = \frac{15.85}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.15}{\text{DTW}} + 1/2 \left(\frac{7.93}{\text{Water Column}} \right) = \frac{42.08}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 1135 End (24 Hour) 1155

Date Sampled: 10-26-20 Start (24 Hour) 1155 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)
1137	1.25	34.24	7.22	402.3	-131.7	25.6	6.73	clear	17.22
1139	.50	34.30	7.22	402.7	-132.1	25.6	0.70	"	14.91
1141	.25	34.34	7.21	403.1	-132.4	25.6	0.61	"	15.13
1143	1.0	34.35	7.21	403.5	-132.5	25.5	0.51	"	14.21
1145	1.5	34.36	7.21	403.9	-132.6	25.5	0.38	"	13.06
1147	1.50	34.36	7.20	404.1	-132.8	25.5	0.25	"	11.96
1149	1.25	34.35	7.20	404.3	-132.9	25.5	0.18	"	11.99
1151	2.0	34.35	7.20	404.4	-133.0	25.5	0.13	"	10.91
1153	2.25	34.36	7.20	404.5	-133.0	25.4	0.11	"	10.42
1155	2.50	34.36	7.20	404.6	-133.1	25.4	0.11	"	10.55

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: Well under vacuum.

Completed By (Print Name): DAVID Lubben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address : 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: BW-15
 Well Diameter: 6"
 Date: 10-21-20

$$\frac{60.50}{\text{TD}} - \frac{33.79}{\text{DTW}} = \frac{26.71}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.79}{\text{DTW}} + \frac{1}{2} \left(\frac{13.36}{\text{Water Column}} \right) = \frac{47.15}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-21-20 Start (24 Hour) 8³⁰ End (24 Hour) 8⁵⁰
 Date Sampled: 10-21-20 Start (24 Hour) 8⁵⁰ 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 ³²	.25	33.85	7.32	1624	-32.4	23.1	1.04	clear	10.62
8 ³⁴	.50	33.91	7.32	1624	-34.0	23.1	0.20	"	10.21
8 ³⁶	.25	33.95	7.31	1623	-35.2	23.1	0.38	"	9.69
8 ³⁸	1.0	33.98	7.31	1623	-35.9	23.2	0.21	"	9.73
8 ⁴⁰	1.25	34.01	7.31	1623	-35.9	23.2	0.17	"	9.88
8 ⁴²	1.50	34.03	7.30	1622	-36.7	23.2	0.14	"	9.85
8 ⁴⁴	1.75	34.05	7.30	1622	-36.9	23.2	0.12	"	9.81
8 ⁴⁶	2.0	34.03	7.30	1621	-37.1	23.2	0.10	"	9.77
8 ⁴⁸	2.25	34.02	7.30	1621	-37.2	23.2	0.09	"	9.71
8 ⁵⁰	2.50	34.02	7.30	1621	-37.4	23.2	0.08	"	9.59

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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: GW-16
 Well Diameter: 6"
 Date: 10-21-20

$$\frac{63.00}{\text{TD}} - \frac{35.22}{\text{DTW}} = \frac{27.78}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water-Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.22}{\text{DTW}} + 1/2 \left(\frac{13.89}{\text{Water Column}} \right) = \frac{49.11}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-21-20 Start (24 Hour) 10²⁰ End (24 Hour) 10⁴⁰
 Date Sampled: 10-21-20 Start (24 Hour) 10⁴⁰ 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 ²²	.25	35.30	7.34	1316	9.1	22.6	1.43	clear	4.76
10 ²⁴	.50	NT	7.34	1316	9.6	22.6	0.81	"	7.71
10 ²⁶	.75	NT	7.32	1314	10.2	22.6	0.59	"	6.73
10 ²⁸	1.0	35.42	7.32	1313	10.5	22.6	0.49	"	4.95
10 ³⁰	1.25	35.44	7.31	1313	11.0	22.6	0.36	"	5.62
10 ³²	1.50	35.44	7.31	1311	11.4	22.6	0.28	"	5.13
10 ³⁴	1.75	35.44	7.30	1312	11.7	22.6	0.21	"	4.88
10 ³⁶	2.0	35.45	7.28	1312	12.2	22.6	0.17	"	4.61
10 ³⁸	2.25	35.45	7.29	1311	12.4	22.6	0.15	"	4.49
10 ⁴⁰	2.50	35.45	7.28	1311	12.8	22.6	0.14	"	4.53

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: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: MW-13
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{50.00}{TD} - \frac{37.12}{DTW} = \frac{12.88}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.12}{DTW} + \frac{1}{2} \left(\frac{6.44}{\text{Water Column}} \right) = \frac{43.56}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 120 End (24 Hour) 140
 Date Sampled: 10-22-20 Start (24 Hour) 140 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)
122	.25	37.20	7.32	1102	-45.3	22.7	1.13	Clear	2.97
124	.50	37.25	7.32	1100	-46.1	22.7	0.44	"	3.22
126	.75	37.28	7.31	1097	-46.7	22.7	0.29	"	3.16
128	1.0	37.31	7.31	1095	-47.3	22.8	0.22	"	2.99
130	1.25	37.32	7.31	1094	-47.7	22.8	0.17	"	2.67
132	1.50	37.33	7.30	1092	-48.1	22.8	0.13	"	2.81
134	1.75	37.34	7.30	1090	-48.3	22.8	0.12	"	2.88
136	2.0	37.34	7.30	1089	-48.5	22.8	0.11	"	2.80
138	2.25	37.34	7.30	1089	-48.7	22.8	0.10	"	2.41
140	2.50	37.34	7.30	1088	-48.8	22.8	0.10	"	2.67

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 Lubban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: mw-16
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{50.00}{\text{TD}} - \frac{35.42}{\text{DTW}} = \frac{14.58}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.42}{\text{DTW}} + \frac{1}{2} \left(\frac{7.29}{\text{Water Column Depth}} \right) = \frac{42.71}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 12⁰⁰ End (24 Hour) 110
 Date Sampled: 10-20-20 Start (24 Hour) 110 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)
1252	.25	35.50	7.35	826	77.7	24.8	3.13	clear	6.94
1254	.50	35.56	7.35	826	77.1	24.8	0.89	"	6.81
1256	.75	35.60	7.34	825	77.0	24.9	0.56	"	6.79
1258	1.0	35.61	7.34	825	76.5	24.9	0.30	"	6.43
100	1.25	35.61	7.34	825	76.1	24.9	0.27	"	6.44
102	1.50	35.62	7.34	824	76.0	24.9	0.16	"	6.49
104	1.75	35.62	7.34	823	75.8	25.0	0.13	"	6.51
106	2.0	35.63	7.34	823	75.5	25.0	0.11	"	6.31
108	2.25	35.63	7.33	823	75.3	25.0	0.10	"	6.39
110	2.50	35.63	7.33	823	75.1	25.0	0.10	"	6.42

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): DAVID WBBEN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: MW-17
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{50.00}{TD} - \frac{36.31}{DTW} = \frac{13.69}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.31}{DTW} + \frac{1}{2} \left(\frac{6.85}{\text{Water Column}} \right) = \frac{43.16}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 120 End (24 Hour) 140
 Date Sampled: 10-20-20 Start (24 Hour) 140 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)
122	.25	36.40	7.39	1475 1475	95.7	25.2	2.28	clu	1.32
124	.50	36.44	7.39	1475	95.9	25.2	1.32	"	1.39
126	.75	36.47	7.38	1473	96.3	25.2	0.89	"	1.36
128	1.0	36.50	7.37	1472	96.9	25.2	0.47	"	1.47
130	1.25	36.50	7.37	1470	97.5	25.2	0.25	"	1.52
132	1.50	36.50	7.36	1469	97.9	25.1	0.18	"	1.55
134	1.75	36.50	7.36	1467	98.3	25.1	0.15	"	1.54
136	2.0	NT	7.36	1466	98.6	25.1	0.15	"	1.59
138	2.25	NT	7.35	1466	98.8	25.1	0.14	"	1.63
140	2.50	36.50	7.35	1465	98.6	25.1	0.14	"	1.75

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 Lohm

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5

Well ID: MW-22 (MID)

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address: 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 10-22-20

$$\frac{57.90}{\text{TD}} - \frac{40.82}{\text{DTW}} = \frac{17.08}{\text{Water Column}}$$

$$\frac{52.00}{\text{Bottom of Screen}} - \frac{42.00}{\text{Top of Screen}} = \frac{10.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{40.82}{\text{DTW}} + \frac{1}{2} \left(\frac{8.54}{\text{Water Column}} \right) = \frac{49.36}{\text{Pump Intake Depth}}$$

$$\frac{42.00}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{5.00}{\text{Screen Length}} \right) = \frac{47.00}{\text{Pump Intake Depth}}$$

Date Purged: 10-22-20 Start (24 Hour) 9:20 End (24 Hour) 9:40

Date Sampled: 10-22-20 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)
9:22	0.25	40.90	7.22	1417	-62.1	23.3	1.09	clear	4.14
9:24	0.50	40.95	7.22	1416	-60.3	23.2	0.63	"	4.04
9:26	0.75	40.98	7.21	1416	-59.9	23.2	0.49	"	4.09
9:28	1.0	41.00	7.21	1413	-59.2	23.2	0.38	"	4.26
9:30	1.25	41.00	7.21	1412	-58.5	23.3	0.31	"	4.72
9:32	1.50	41.00	7.21	1411	-58.0	23.2	0.24	"	4.32
9:34	1.75	41.02	7.21	1409	-57.6	23.3	0.19	"	4.43
9:36	2.0	41.02	7.21	1408	-57.3	23.3	0.16	"	4.47
9:38	2.25	41.03	7.20	1409	-57.1	23.3	0.15	"	4.55
9:40	2.50	41.03	7.20	1408	-56.9	23.3	0.14	"	4.59

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 Lobban

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: MW-24
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{47.00}{TD} - \frac{37.26}{DTW} = 9.74$$

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

Pump Intake Depth, Screened Above Water-Table:

$$\frac{37.26}{DTW} + 1/2 \left(\frac{4.87}{Water\ Column} \right) = \frac{42.13}{Pump\ Intake\ Depth}$$

< OR >

Pump Intake Depth, Submerged Screen:

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

Date Purged: 10-19-20 Start (24 Hour) 12¹⁰ End (24 Hour) 12³⁰
 Date Sampled: 10-19-20 Start (24 Hour) 12³⁰ 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 ¹²	.25	37.35	7.43	1359	-33.9	22.8	2.61	clear	1.03
12 ¹⁴	.50	37.40	7.43	1359	-34.1	22.8	1.89	"	1.19
12 ¹⁶	.75	37.44	7.41	1357	-34.2	22.7	1.51	"	1.13
12 ¹⁸	1.0	37.46	7.41	1356	-34.0	22.7	0.93	"	1.09
12 ²⁰	1.25	37.47	7.40	1355	-33.8	22.6	0.44	"	1.05
12 ²²	1.50	37.47	7.39	1355	-33.7	22.6	0.27	"	1.17
12 ²⁴	1.75	37.48	7.39	1353	-33.5	22.6	0.19	"	1.15
12 ²⁶	2.0	37.48	7.38	1353	-33.6	22.6	0.16	"	1.19
12 ²⁸	2.25	37.48	7.38	1352	-33.6	22.6	0.15	"	1.23
12 ³⁰	2.50	37.48	7.38	1352	-33.5	22.6	0.14	"	1.29

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): DAVID WBBAN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: mw-26
 Well Diameter: 4"
 Date: 10-19-20

$$\frac{47.30}{\text{TD}} - \frac{36.85}{\text{DTW}} = \frac{10.45}{\text{Water Column}}$$

$$\frac{43.50}{\text{Bottom of Screen}} - \frac{23.50}{\text{Top of Screen}} = \frac{20.00}{\text{Screen Length}}$$

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.85}{\text{DTW}} + \frac{1}{2} \left(\frac{10.23}{\text{Water Column}} \right) = \frac{47.08}{\text{Pump Intake Depth}}$$

$$\frac{23.50}{\text{Top of Screen Depth}} + \frac{1}{2} \left(\frac{10.00}{\text{Screen Length}} \right) = \frac{33.50}{\text{Pump Intake Depth}}$$

Date Purged: 10-19-20 Start (24 Hour) 125 End (24 Hour) 145
 Date Sampled: 10-19-20 Start (24 Hour) 145 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)
127	.25	36.93	7.19	917	-107.1	23.9	2.26	low	7.31
129	.50	36.97	7.19	917	-108.1	23.9	0.86	"	1.63
131	.75	37.00	7.18	916	-109.0	23.9	0.49	"	1.81
133	1.0	37.02	7.18	916	-109.6	23.9	0.21	"	1.42
135	1.25	37.02	7.18	915	-110.3	23.9	0.17	"	1.31
137	1.50	37.03	7.17	915	-110.9	24.0	0.16	"	1.09
139	1.75	37.03	7.17	915	-111.4	24.0	0.14	"	1.11
141	2.0	37.03	7.17	916	-111.8	24.0	0.13	"	1.17
143	2.25	37.03	7.17	916	-112.1	24.0	0.12	"	1.19
145	2.50	37.03	7.17	916	-112.3	24.0	0.12	"	1.23

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): DAVID WEBER

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: MW-27
 Well Diameter: 4"
 Date: 10-22-20

$$\frac{52.30}{\text{TD}} - \frac{37.85}{\text{DTW}} = \frac{14.45}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.85}{\text{DTW}} + \frac{1}{2} \left(\frac{7.08}{\text{Water Column}} \right) = \frac{45.93}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-22-20 Start (24 Hour) 9⁵⁵ End (24 Hour) 10¹⁵
 Date Sampled: 10-22-20 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 ¹⁷	.25	37.93	7.03	1251	-82.3	23.2	1.17	clear	0.91
9 ¹⁹	.50	37.98	7.03	1250	-83.5	23.2	0.71	"	1.22
10 ⁰¹	.75	38.02	7.02	1249	-84.5	23.2	0.44	"	1.36
10 ⁰³	1.0	38.05	7.02	1249	-85.3	23.2	0.27	"	1.79
10 ⁰⁵	1.25	38.05	7.02	1249	-86.0	23.2	0.19	"	1.62
10 ⁰⁷	1.50	38.05	7.01	1249	-86.5	23.2	0.15	"	1.58
10 ⁰⁹	1.75	38.05	7.01	1248	-86.9	23.2	0.13	"	1.55
10 ¹¹	2.00	38.06	7.01	1248	-87.1	23.2	0.12	"	1.58
10 ¹³	2.25	39.06	7.01	1248	-87.3	23.2	0.10	"	1.61
10 ¹⁵	2.50	38.06	7.01	1247	-87.6	23.2	0.10	"	1.63

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): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5

Well ID: MW-29

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address : 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 10-20-20

$$\frac{52.40}{\text{TD}} - \frac{37.98}{\text{DTW}} = \frac{14.42}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.98}{\text{DTW}} + \frac{1}{2} \left(\frac{7.21}{\text{Water Column Depth}} \right) = \frac{45.19}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 12²⁰ End (24 Hour) 12⁴⁰
 Date Sampled: 10-20-20 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 ²²	.25	38.07	7.68	914	82.6	24.9	1.90	clear	32.62
12 ²⁴	.50	38.12	7.68	914	82.8	24.9	1.41	"	29.13
12 ²⁶	.75	38.15	7.67	914	83.1	24.9	0.93	"	26.14
12 ²⁸	1.0	38.18	7.67	914	83.4	24.9	0.69	"	15.73
12 ³⁰	1.25	38.20	7.67	913	83.6	25.1	0.41	"	12.79
12 ³²	1.5	38.20	7.66	913	83.9	25.1	0.29	"	10.62
12 ³⁴	1.75	38.20	7.66	913	84.1	25.1	0.25	"	10.89
12 ³⁶	2.0	38.21	7.66	912	84.2	25.0	0.17	"	10.13
12 ³⁸	2.25	38.21	7.65	912	84.3	25.0	0.15	"	9.35
12 ⁴⁰	2.50	38.21	7.65	911	84.6	25.0	0.14	4	9.79

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 Webber

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: P2-3
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{65.00}{\text{TD}} - \frac{35.20}{\text{DTW}} = \frac{30.80}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{35.20}{\text{DTW}} + 1/2 \left(\frac{15.40}{\text{Water Column}} \right) = \frac{50.60}{\text{Pump Intake Depth}}$$

$$\frac{45.00}{\text{Top of Screen Depth}} + 1/2 \left(\frac{20.00}{\text{Screen Length}} \right) = \frac{47.00}{\text{Pump Intake Depth}}$$

Date Purged: 10-26-20 Start (24 Hour) 7²⁰ End (24 Hour) 7⁴⁰
 Date Sampled: 10-26-20 Start (24 Hour) 7⁴⁰ 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 ²²	0.25	35.28	7.42	1069	-113.7	23.3	1.19	clear	8.64
7 ²⁴	0.50	35.32	7.41	1068	-114.9	23.3	0.67	"	8.19
7 ²⁶	0.75 1.0	35.35	7.41	1066	-116.1	23.3	0.42	"	8.39
7 ²⁸	1.0	35.35	7.41	1065	-117.2	23.3	0.25	"	8.31
7 ³⁰	1.25	35.38	7.40	1064	-118.0	23.3	0.18	"	8.14
7 ³²	1.50	35.40	7.39	1064	-118.6	23.4	0.14	"	8.01
7 ³⁴	1.75	35.40	7.39	1064	-118.9	23.4	0.12	"	8.13
7 ³⁶	2.0	35.40	7.38	1063	-119.3	23.4	0.11	"	8.06
7 ³⁸	2.25	35.41	7.38	1063	-119.5	23.4	0.11	"	7.94
7 ⁴⁰	2.50	35.41	7.38	1063	-119.8	23.4	0.10	"	7.98

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 Wain

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-8
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{63.00}{\text{TD}} - \frac{34.21}{\text{DTW}} = \frac{28.79}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.21}{\text{DTW}} + 1/2 \left(\frac{14.40}{\text{Water Column}} \right) = \frac{48.61}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 7¹⁵ End (24 Hour) 8¹⁵
 Date Sampled: 10-26-20 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 ¹⁵	.25	34.29	7.52	628	85.7	20.5	1.26	Yellowish clear	119.62
7 ⁵⁹	.50	34.35	7.52	628	85.3	20.5	0.79	"	111.63
8 ⁰¹	.75	34.39	7.52	627	85.0	20.6	0.56	"	109.41
8 ⁰³	1.0	34.41	7.51	627	84.8	20.6	0.39	"	111.88
8 ⁰⁵	1.25	34.43	7.51	626	84.6	20.6	0.27	"	110.62
8 ⁰⁷	1.50	34.42	7.51	626	84.5	20.6	0.21	"	108.13
8 ⁰⁹	1.75	34.43	7.50	626	84.5	20.6	0.17	"	108.01
8 ¹¹	2.0	34.43	7.50	626	84.4	20.6	0.16	"	106.26
8 ¹³	2.25	34.43	7.50	626	84.4	20.6	0.14	"	104.37
8 ¹⁵	2.5	34.42	7.50	625	84.3	20.6	0.13	"	107.91
 									

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): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-9R
 Well Diameter: 4"
 Date: 10-20-20

$$\frac{50.00}{\text{TD}} - \frac{37.25}{\text{DTW}} = \frac{12.75}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{37.25}{\text{DTW}} + \frac{1}{2} \left(\frac{6.38}{\text{Water Column}} \right) = \frac{43.63}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-20-20 Start (24 Hour) 8²⁵ End (24 Hour) 8⁴⁵
 Date Sampled: 10-20-20 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 ²⁷	.25	37.33	7.08	1333	39.7	25.00	2.12	clear	1.91
8 ²⁹	.50	37.38	7.08	1333	40.2	25.0	1.61	"	1.83
8 ³¹	.75	37.41	7.08	1331	40.4	25.1	1.29	"	1.76
8 ³³	1.0	37.43	7.07	1330	40.7	25.1	0.91	"	1.79
8 ³⁵	1.25	37.45	7.07	1328	40.9	25.0	0.63	"	1.83
8 ³⁷	1.50	37.45	7.07	1325	41.1	22.0	0.29	"	1.91
8 ³⁹	1.75	37.46	7.07	1323	41.2	24.9	0.17	"	1.98
8 ⁴¹	2.0	37.46	7.06	1322	41.3	24.9	0.13	"	2.13
8 ⁴³	2.25	37.47	7.06	1322	41.3	24.9	0.12	"	2.15
8 ⁴⁵	2.5	37.47	7.06	1321	42.0	24.8	0.10	"	2.34

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 WILSON

Signature: *David Wilson*

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-15
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{63.00}{TD} - \frac{34.29}{DTW} = \frac{28.71}{Water\ Column}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.29}{DTW} + 1/2 \left(\frac{14.36}{Water\ Column} \right) = \frac{48.65}{Pump\ Intake\ Depth}$$

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

Date Purged: 10-26-20 Start (24 Hour) 9¹⁰ End (24 Hour) 10¹⁰
 Date Sampled: 10-26-20 Start (24 Hour) 10¹⁰ 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 ⁵²	.25	34.36	7.24	580	-106.5	25.3	1.38	clear	7.29
9 ⁵⁴	.50	34.40	7.24	580	-108.0	25.3	0.61	"	7.13
9 ⁵⁶	.75	34.43	7.24	581	-109.3	25.3	0.37	"	7.02
9 ⁵⁸	1.0	34.46	7.23	581	-110.3	25.4	0.29	"	6.91
10 ⁰⁰	1.25	34.48	7.23	581	-111.0	25.4	0.23	"	6.99
10 ⁰²	1.25	34.50	7.23	582	-111.7	25.4	0.19	"	7.01
10 ⁰⁴	1.75	34.50	7.22	582	-112.2	25.4	0.16	"	6.92
10 ⁰⁶	2.0	34.50	7.22	582	-112.5	25.4	0.15	"	6.94
10 ⁰⁸	2.25	34.50	7.22	582	-112.6	25.4	0.13	"	6.88
10 ¹⁰	2.50	34.50	7.22	582	-112.8	25.4	0.13	"	6.81

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 checked="" type="checkbox"/>	Other: Dedicated Tubing	

Remarks:

Completed By (Print Name): DAVID WBBAN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-16
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{63.00}{\text{TD}} - \frac{34.88}{\text{DTW}} = \frac{28.12}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{34.88}{\text{DTW}} + 1/2 \left(\frac{14.06}{\text{Water Column}} \right) = \frac{48.94}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 1100 End (24 Hour) 1120
 Date Sampled: 10-26-20 Start (24 Hour) 1120 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)
1102	.25	34.94	7.06	389.7	-115.9	25.5	1.62	clear	3.17
1104	.50	34.98	7.06	390.1	-116.8	25.4	0.88	"	3.22
1106	.75	35.02	7.05	390.3	-117.4	25.4	0.59	"	3.39
1108	1.0	35.05	7.05	390.5	-117.9	25.4	0.47	"	3.34
1110	1.25	35.06	7.05	390.6	-118.4	25.4	0.32	"	3.39
1112	1.50	35.06	7.05	390.8	-118.8	25.4	0.25	"	3.46
1114	1.75	35.07	7.05	390.9	-119.1	25.4	0.20	"	3.71
1116	2.0	35.07	7.05	391.1	-119.3	25.4	0.16	"	3.67
1118	2.25	35.07	7.04	391.1	-119.4	25.4	0.15	"	3.51
1120	2.50	35.07	7.04	391.3	-119.5	25.4	0.13	"	3.58

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 LUBAN

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5

Well ID: W TF-18

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address : 15306 Norwalk Boulevard 33.05
Norwalk, California 90650

Date: 11-23-20

$$\begin{array}{r} 50.00 \\ - 32.37^{\text{DTW}} \\ \hline 16.95 \end{array}$$

TD DTW Water Column

$$\begin{array}{r} 50.00 \\ - 25.00 \\ \hline 25.00 \end{array}$$

Bottom of Screen Top of Screen Screen Length

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\begin{array}{r} 33.05 \\ + 1/2(8.48) \\ \hline 41.53 \end{array}$$

DTW Water Column Pump Intake Depth

$$\begin{array}{r} 25.00 \\ + 1/2(12.50) \\ \hline 37.50 \end{array}$$

Top of Screen Depth Screen Length Pump Intake Depth

Date Purged: 11-23-20 Start (24 Hour) 840 End (24 Hour) _____

Date Sampled: 11-23-20 Start (24 Hour) 900^A 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)
842	0.25	33.15	7.36	2639	-181.6	-26.3	1.29	clear	11.69
846	0.75	33.21	7.32	2635	-182.4	26.3	0.44	"	10.41
850	1.25	33.25	7.32	2630	-182.5	26.2	0.22	"	9.98
854	1.75	33.22	7.31	2627	-182.9	26.2	0.16	"	9.76
858	2.25	33.27	7.31	26.25	-183.1	26.1	0.13	"	9.77
900	2.50	33.27	7.30	2622	-183.3	26.1	0.12	"	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 checked="" type="checkbox"/>	Other: Dedicated Tubing		

Remarks: _____

Completed By (Print Name): DAVID Wobben

Signature: [Signature]

Reviewed By: _____

Date: _____

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5

Well ID: DLA TF-20R

Client/Site: DLA/DFSP Norwalk

Well Diameter: 4"

Address : 15306 Norwalk Boulevard
Norwalk, California 90650

Date: 10-28-20

$$\frac{63.00}{\text{TD}} - \frac{33.87}{\text{DTW}} = \frac{29.13}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.87}{\text{DTW}} + \frac{1}{2} \left(\frac{14.57}{\text{Water Column}} \right) = \frac{48.44}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-28-20 Start (24 Hour) 9¹⁵ End (24 Hour) 9³¹

Date Sampled: 10-28-20 Start (24 Hour) 9³⁵ 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)
917	.25	33.95	7.11	1152	-110.0	24.6	1.13	clear	1.62
919	.50	34.01	7.11	1152	-111.3	24.6	0.61	"	1.93
924	.25	34.05	7.10	1150	-112.1	24.6	0.39	"	1.79
923	1.0	34.07	7.10	1150	-112.9	24.6	0.26	"	1.75
925	1.25	34.07	7.10	1149	-113.5	24.5	0.18	"	1.81
922	1.50	34.09	7.09	1147	-114.1	24.5	0.14	"	1.83
929	1.25	34.09	7.09	1146	-114.5	24.5	0.13	"	1.79
931	2.0	34.10	7.09	1146	-114.9	24.5	0.11	"	1.77
933	2.25	34.10	7.09	1145	-115.2	24.5	0.10	"	1.75
935	2.50	34.10	7.09	1145	-115.1	24.5	0.10	"	1.74

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 L. Wilson

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address : 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-21
 Well Diameter: 4"
 Date: 10-23-20

$$\frac{63.00}{TD} - \frac{36.45}{DTW} = \frac{26.55}{Water\ Column}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.45}{DTW} + \frac{1}{2} \left(\frac{13.28}{Water\ Column\ Depth} \right) = \frac{49.73}{Pump\ Intake\ Depth}$$

$$\frac{25.00}{Top\ of\ Screen\ Depth} + \frac{1}{2} \left(\frac{12.50}{Screen\ Length} \right) = \frac{42.50}{Pump\ Intake\ Depth}$$

Date Purged: 10-23-20 Start (24 Hour) 8⁰⁰ End (24 Hour) 8³⁰
 Date Sampled: 10-23-20 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)
8 ⁰²	.25	36.49	7.13	1412	-111.3	25.1	0.62	dev	19.70
8 ⁰⁴	.50	36.53	7.12	1413	-112.8	25.1	0.61	"	17.15
8 ⁰⁶	.75	36.58	7.11	1416	-114.1	25.1	0.61	"	16.10
8 ⁰⁸	1.0	36.61	7.09	1417	-114.7	25.2	0.62	"	16.31
8 ¹⁰	1.25	36.64	7.09	1419	-115.1	25.2	0.56	"	14.33
8 ¹²	1.50	36.65	7.08	1420	-115.3	25.2	0.53	"	14.39
8 ¹⁴	1.75	36.65	7.08	1422	-115.4	25.2	0.50	"	12.86
8 ¹⁶	2.0	36.65	7.08	1423	-115.6	25.2	0.48	"	12.01
8 ¹⁸	2.25	36.66	7.07	1424	-115.7	25.2	0.47	"	12.03
8 ²⁰	2.5	36.66	7.07	1423	-115.7	25.2	0.45	"	10.89

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-5

Completed By (Print Name): DAVIDSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project # : 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address : 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: TF-23
 Well Diameter: 4"
 Date: 10-26-20

$$\frac{50.50}{\text{TD}} - \frac{33.95}{\text{DTW}} = \frac{16.55}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{33.95}{\text{DTW}} + \frac{1}{2} \left(\frac{8.28}{\text{Water Column}} \right) = \frac{42.23}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-26-20 Start (24 Hour) 12¹⁰ End (24 Hour) 12³⁰
 Date Sampled: 10-26-20 Start (24 Hour) 12³⁰ 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 ¹²	.25	34.03	6.67	1677	-49.0	24.0	1.27	clear	5.12
12 ¹⁴	.50	34.08	6.65	1677	-50.1	24.0	0.89	"	5.14
12 ¹⁶	.25	34.11	6.65	1675	-51.0	24.1	0.51	"	5.19
12 ¹⁸	1.0	34.15	6.65	1674	-51.8	24.1	0.28	"	5.22
12 ²⁰	1.25	34.15	6.64	1673	-52.5	24.1	0.19	"	5.18
12 ²²	1.50	34.16	6.64	1671	-52.9	24.1	0.15	"	5.29
12 ²⁴	1.25	34.16	6.64	1671 1661	-53.2	24.1	0.13	"	5.25
12 ²⁶	2.0	34.18	6.64	1669	-53.4	24.1	0.11	"	5.29
12 ²⁸	2.25	34.18	6.63	1668	-53.5	24.2	0.10	"	5.36
12 ³⁰	2.50	34.18	6.63	1667	-53.7	24.2	0.08	"	5.38

PURGING EQUIPMENT				SAMPLING EQUIPMENT			
<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Vac Truck	<input type="checkbox"/>	Centrifugal Pump	<input type="checkbox"/>	Teffon 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): DAVID Wobben

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

GROUNDWATER SAMPLE FIELD DATA SHEET

Project #: 091-NDLA-026/Task 5
 Client/Site: DLA/DFSP Norwalk
 Address: 15306 Norwalk Boulevard
 Norwalk, California 90650

Well ID: JF-24
 Well Diameter: 4"
 Date: 10-23-20

$$\frac{63.00}{\text{TD}} - \frac{36.98}{\text{DTW}} = \frac{26.02}{\text{Water Column}}$$

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

Pump Intake Depth, Screened Above Water Table:

< OR >

Pump Intake Depth, Submerged Screen:

$$\frac{36.98}{\text{DTW}} + \frac{1}{2} \left(\frac{13.01}{\text{Water Column}} \right) = \frac{49.99}{\text{Pump Intake Depth}}$$

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

Date Purged: 10-23-20 Start (24 Hour) 10⁴⁵ End (24 Hour) 11⁰⁵
 Date Sampled: 10-23-20 Start (24 Hour) 11⁰⁵ 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 ⁴⁵	.25	37.10	7.21	1062	-61.2	23.0	1.19	clear	5.73
10 ⁴⁹	.50	37.14	7.21	1060	-62.1	23.0	0.84	"	5.71
10 ⁵¹	.75	37.18	7.20	1058	-62.9	23.1	0.53	"	5.62
10 ⁵³	1.0	37.20	7.20	1056	-63.5	23.1	0.39	"	5.41
10 ⁵⁵	1.25	37.20	7.20	1055	-64.0	23.1	0.25	"	5.13
10 ⁵⁷	1.50	37.20	7.20	1054	-64.5	23.1	0.17	"	5.27
10 ⁵⁹	1.75	37.20	7.19	1053	-64.8	23.1	0.13	"	5.36
11 ⁰¹	2.0	37.21	7.19	1053	-65.2	23.1	0.11	"	5.28
11 ⁰³	2.25	37.21	7.19	1052	-65.5	23.1	0.10	"	5.39
11 ⁰⁵	2.50	37.21	7.19	1052	-65.7	23.1	0.09	"	5.46

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): DAVID WILSON

Signature: [Signature]

Reviewed By: DS

Date: November 13, 2020

BLAINE TECH FIELD DOCUMENTATION

NORWALK WELL GAUGING DATA

TECHNICIAN: KT/GG

DATE: 11.2.20

CLIENT KMEP

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.) 4Q18	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <u>FOO</u>	Time
EXP-1	4					61.74	60.63	63.05	60.24	61.25	128.78		1037
EXP-2	4					62.92	61.77	62.91	61.52	62.40	128.27		1458
EXP-3	4					62.95	59.65	61.08	59.33	60.28	123.57		1122
EXP-4	4					60.98	61.92	63.16	61.66	62.48	115.31		0923
EXP-5	4					53.61	54.14	55.50	53.81	54.74	112.23		0850
GMW-1	4					unable to locate	DRY	DRY	32.91	0.24	27.94		0820
GMW-10	4					34.16	30.55	34.12	31.44	32.00	48.76		0719
GMW-13	4					34.01	31.92	33.92	32.03	31.85	49.61		450
GMW-14R	4					35.28	33.24	34.98	32.60	33.18	52.22		1159
GMW-22						38.02	36.19	37.88	35.64	36.08	61.50		0812
GMW-23	4		33.05	3.85	1.46	36.20	34.34	35.48	34.56	36.90	-		0800
GMW-24	4					38.63	38.43	38.65	36.24	36.58	39.50		0759
GMW-25	4					38.70	36.89	37.10	36.49	36.98	53.16		0753
GMW-26	4					37.70	33.41	35.23	35.62	33.59	48.33		0750
GMW-28	4					35.54	34.30	35.73	33.35	33.47	49.18		0744
GMW-29	4					35.68	34.92	36.10	33.38	34.18	41.73		0740
GMW-3	4					unable to locate	unable to locate	PUMP IN WELL	33.17	32.81	49.79		1211
GMW-30	6					35.75	34.73	35.18	33.36	33.76	49.79		0737
GMW-36	4					35.91	Pump In Well	39.86	31.03	-	Sudge in well		
GMW-37	4					36.89	34.82	36.30	35.03	34.00	53.51		1119
GMW-38	4					35.05	32.81	34.38	33.22	32.14	53.07		1132
GMW-39	4					34.40	32.38	33.58	32.87	31.40	50.51		1044
GMW-4R						35.25	33.49	39.97	32.35	33.00	51.18		0919
GMW-8	4					33.95	27.98	33.87	32.23	32.32	49.57		0748
GMW-9	5					37.84	Pump In Well	37.90	35.37	35.90	49.46		0814
GMW-O-1	4					31.77	31.03	31.86	30.42	30.58	49.07		0827
GMW-O-10	4					34.82	33.86	35.00	32.53	32.73	49.96		0820

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

NORWALK WELL GAUGING DATA

TECHNICIAN: KT

DATE: 11-2-20

CLIENT KWRP

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.) 4Q18	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
GMW-O-11	4					33.22	Pump In Well	PUMP IN WELL	30.94	30.30	48.00		1016
GMW-O-12	4		30.27	1.30	0.31	32.65	31.62	32.10	30.35	31.05	/		1012
GMW-O-14	4					34.77	32.85	34.07	32.05	32.20	49.84		1023
GMW-O-15	4					32.38	Pump In Well	29.28	31.13	26.89	49.05		0930
GMW-O-16	4					33.24	29.89	32.10	30.97	33.89	36.47		1306 - Suction
GMW-O-17	4					32.46	30.83	31.35	31.22	29.42	39.60		0747
GMW-O-18	4					33.03	30.89	32.05	31.68	27.25	39.70		1318 - Suction
GMW-O-19	4					33.37	31.22	32.19	30.94	27.18 31.84	39.60		1255 - Suction
GMW-O-20	4					32.27	31.49	31.95	31.04	30.97	49.23		1528
GMW-O-21	4					32.92	31.00	32.53	30.70	30.97	32.62		0930
GMW-O-23	4					33.68	32.34	33.00	31.24	30.30	41.34		1000
GMW-O-24	4					34.31	32.99	34.40	31.92	32.24	39.24		0943
GMW-O-3	4					Unable to Access	31.59	Root Obstruction	32.07	unable to locate			
GMW-O-4	4					32.29	31.23	31.92	30.33	30.50	47.93		0747
GMW-O-5	4					31.54	30.33	31.02	29.86	29.70	49.16		0752
GMW-O-6	4					32.13	30.68	31.63	30.36	30.00	48.90		0758
GMW-O-7	4					30.25	29.72	29.93	29.38	29.45	49.65		0803
GMW-O-8	4					29.15	28.82	29.00	28.52	28.95 29	49.65		0809
GMW-O-9	4					30.70	30.10	30.55	29.93	29.81	49.41		1535
GMW-SF-7	4					33.98	32.94	34.58	32.06	32.16	50.00		0816
GMW-SF-8	4					34.77	32.22	34.00	32.89	30.61	43.27		1105
GWR-1R	4					36.05	33.74	35.20	34.28	32.18	43.68		1112
GWR-3	6					37.21	34.34	37.24	34.95	35.36	52.51		0919
HL-2	4					38.42	37.16	38.58	36.02	35.51	49.27		0928
HL-3	4					37.61	36.52	37.81	35.62	36.00	39.10		0912
MW-12	4					37.39	32.95	37.27	35.23	35.83	41.41		0958
						36.27	29.07	36.19	34.06	34.54	51.80		0757 - 11/5

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

NORWALK WELL GAUGING DATA

TECHNICIAN: KT DATE: 11-2-20 CLIENT: KMEP

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.) 4Q18	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Time
MW-15R						35.08	33.11	35.00	32.59	33.03	52.22		1220
MW-18 (MID)	4					40.50	38.39	40.42	37.96	34.83	65.53		1440 - Suction
MW-19 (MID)	4					41.21	38.11	41.18	39.92	40.40	62.02		0944
MW-20 (MID)	4					39.37	36.49	39.90	38.41	38.90	56.63		0930
MW-21 (MID)	4					38.11	33.63	37.93	35.92	36.51	62.08		0953
MW-6	4					36.89	35.45	36.77	36.31	36.56	51.95		0936
MW-7	4					38.41	35.07	38.16	36.78	37.26	53.57		0949
MW-8	4					35.37	33.13	32.13	31.31	26.46	50.49		1231 - Suction
MW-9	4					37.19	35.42	35.25	34.62	34.78	51.84		1120
MW-O-1	4					DRY	32.09	DRY	31.98	DRY	39.27		1318
MW-O-2	6					34.30	31.44	Root Obstruction	31.87	30.60	39.86		1427
MW-SF-1	6					38.20	37.94	39.91	36.65	37.39	41.14		1500
MW-SF-10	4					DRY	DRY	DRY	DRY	DRY	28.20		1413
MW-SF-11	4					39.52	38.52	39.13	36.95	37.18	43.65		1438
MW-SF-12	4					38.96	37.53	38.78	36.36	36.53	43.40		1450
MW-SF-13	4					34.43	32.29	33.76	31.52	32.05	38.70		1210
MW-SF-14	4					DRY	DRY	DRY	DRY	DRY	35.80		1057
MW-SF-15	4					39.00	Pump In Well	38.92	36.37	36.72	43.60		1130
MW-SF-16	4					DRY	DRY	DRY	DRY	DRY	33.13		1141
MW-SF-2	4					39.55	37.95	39.26	36.66	37.14	41.19		1400
MW-SF-3	4					38.69	Pump In Well	38.77	36.19	36.55	52.00		1333
MW-SF-4	4					38.78	38.45	39.75	37.13	37.46	40.12		1341
MW-SF-5	6					DRY	DRY	DRY	37.86	DRY	38.20		1310
MW-SF-6	6					33.70	36.13	57.41	34.90	35.35	41.20		1250
MW-SF-8	4					unable to locate	unable to locate	PUMP IN WELL	DRY	DRY	6.58		1116
PW-1	4					DRY	DRY	DRY	DRY	DRY	29.53		0852
PW-2	4					DRY	DRY	DRY	DRY	DRY	25.79		0845

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

NORWALK WELL GAUGING DATA

 TECHNICIAN: KT

 DATE: 11.2.20

 CLIENT KMEP

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.) 4Q18	Depth to water (ft.) 2Q19	Depth to water (ft.) 4Q19	Depth to water (ft.) 2Q20	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <u>TOC</u>	Time
PW-3	4					33.95	33.12	39.06	32.89	33.05	50.88		0836
PZ-10	3					DRY	DRY	DRY	DRY	DRY	27.82		0736-11/3
PZ-2	4					34.55	31.37	39.58	32.48	32.88 ⁶⁶ 32.88	48.93		1009
PZ-5	4					33.33	31.12	32.39	31.64	26.72	37.73		1320-Suction
VEW-1	4					DRY	DRY	DRY	DRY	DRY	12.34		1012
VEW-2	4					DRY	DRY	DRY	DRY	DRY	28.60		1037
WCW-1	4					32.77	31.95	32.70	32.02	32.34	52.92		1000-11/3
WCW-10	4					34.02	34.52	33.91	34.99	34.00	55.12		1014-11/3
WCW-11	4					35.51	35.09	35.57	35.85	35.37	59.80		0835
WCW-12	4					36.23	36.12	36.51	36.69	36.60	59.96		0841
WCW-13	4					37.68	38.03	38.13	38.41	38.52	60.40		0850
WCW-14	4					38.68	38.95	39.20	39.36	39.44	58.79		0909
WCW-2	4					34.78	34.72	35.02	35.00	35.08	52.40		0829
WCW-3	4					35.62	35.82	35.98	36.10	36.13	56.52		0928
WCW-4	4					37.61	37.89	38.03	38.27	38.38	41.62		0903
WCW-5	4					33.38	32.51	32.28	32.67	33.00	50.36		0956
WCW-6	4					35.11	34.45	35.15	34.75	34.92	51.00		0823
WCW-7	4					35.62	35.42	35.97	36.27	36.13	obstruction in well		0946
WCW-8	4					37.04	36.92	37.70	37.29	37.24	51.43		0844
WCW-9	4					36.92	37.38	36.39	37.72	37.00	51.93	✓	0842

SEE RELEASE REPORTING PROCEDURE REMINDER IN SOW
 Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (408) 573-0555

**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
EXP-1	n/a	Y	Y	Y	Y	Y	Y	n/a	
EXP-2		Y	Y	Y	Y	Y	Y		
EXP-3		Y	Y	Y	Y	Y	Y		
EXP-4		Y	Y	Y	Y	Y	Y		
EXP-5		Y	Y	Y	Y	Y	Y		
GMW-1		Y	Y	Y	Y	Y	Y		
GMW-10		Y	Y	Y	Y	Y	Y		
GMW-13		Y	Y	Y	Y	Y	Y		
GMW-14A		Y	Y	Y	Y	Y	Y		
GMW-22		Y	Y	Y	Y	Y	Y		
GMW-23		Y	Y	Y	Y	Y	Y		
GMW-24		Y	Y	Y	Y	Y	Y		
GMW-25		Y	Y	Y	Y	Y	Y		
GMW-26		Y	Y	Y	Y	Y	Y		
GMW-28		Y	Y	Y	Y	Y	Y		
GMW-29		Y	Y	Y	Y	Y	Y		
GMW-3		Y	Y	Y	Y	Y	Y		
GMW-30		Y	Y	Y	Y	Y	Y		
GMW-36		Y	Y	Y	Y	Y	Y		
GMW-37		Y	Y	Y	Y	Y	Y		
GMW-38		Y	Y	Y	Y	Y	Y		
GMW-39		Y	Y	Y	Y	Y	Y		
GMW-41A		Y	Y	Y	Y	Y	Y		

Performed by: _____

Date Performed: _____



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-8	N/A	Y	Y	Y	Y	Y	Y	N/A	
GMW-9		Y	Y	Y	Y	Y	Y		
GMW-0-1		Y	Y	Y	Y	Y	Y		
GMW-0-10		Y	Y	Y	Y	Y	Y		
GMW-0-11		Y	Y	Y	Y	Y	Y		
GMW-0-12		Y	Y	Y	Y	Y	Y		
GMW-0-14		Y	Y	Y	Y	Y	Y		
GMW-0-15		Y	Y	Y	Y	Y	Y		
GMW-0-16		Y	Y	Y	Y	Y	Y		
GMW-0-17		Y	Y	Y	Y	Y	Y		
GMW-0-18		Y	Y	Y	Y	Y	Y		
GMW-0-19		Y	Y	Y	Y	Y	Y		
GMW-0-2		Y	Y	Y	Y	Y	Y		
GMW-0-20		Y	Y	Y	Y	Y	Y		
GMW-0-21		Y	Y	Y	Y	Y	Y		
GMW-0-23		Y	Y	Y	Y	Y	Y		
GMW-0-24		Y	Y	Y	Y	Y	Y		
GMW-0-3		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-0-6		Y	Y	Y	Y	Y	Y		
GMW-0-7		Y	Y	Y	Y	Y	Y		
GMW-0-8		Y	Y	Y	Y	Y	Y		

Performed by: _____

Date Performed: _____

**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-0-4	N/A	Y	Y	Y	Y	Y	Y	N/A	
GMW-SF-7		Y	Y	Y	Y	Y	Y		
GMW-SF-8		Y	Y	Y	Y	Y	Y		
GMW-1A		X	Y	Y	Y	Y	Y		
GMW-3		Y	Y	Y	Y	Y	Y		
HL-2		X	Y	Y	Y	X	Y		
HL-3		X	Y	Y	Y	Y	Y		
MW-12		X	Y	Y	Y	Y	Y		
MW-5R		Y	Y	Y	Y	X	Y		
MW-18 (MID)		Y	Y	Y	Y	Y	Y		
MW-19 (MID)		Y	Y	Y	Y	Y	Y		
MW-20 (MID)		Y	Y	Y	Y	Y	Y		
MW-21 (MID)		Y	Y	Y	Y	Y	Y		
MW-6		Y	Y	Y	Y	Y	Y		
MW-7		Y	Y	Y	Y	Y	Y		
MW-8		Y	Y	Y	Y	Y	Y		
MW-9		Y	Y	Y	Y	Y	Y		
MW-0-1		Y	Y	Y	Y	Y	Y		
MW-0-2		Y	Y	Y	Y	Y	Y		
MW-SF-1		Y	Y	Y	Y	Y	Y		
MW-SF-10		Y	Y	Y	Y	Y	Y		
MW-SF-11		Y	Y	Y	Y	Y	Y		
MW-SF-12		Y	Y	Y	Y	Y	Y		

Performed by: _____

Date Performed: _____



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
MW-SG-13	N/A	Y	Y	Y	Y	Y	Y	N/A	
MW-SG-14		Y	Y	Y	Y	Y	Y		
MW-SG-15		Y	Y	Y	Y	Y	Y		
MW-SG-16		Y	Y	Y	Y	Y	Y		
MW-SG-2		Y	Y	Y	Y	Y	Y		
MW-SG-3		Y	Y	Y	Y	Y	Y		
MW-SG-4		Y	Y	Y	Y	Y	Y		
MW-SG-5		Y	Y	Y	Y	Y	Y		
MW-SG-6		Y	Y	Y	Y	Y	Y		
MW-SG-9		Y	Y	Y	Y	Y	Y		
PW-1		Y	Y	Y	Y	Y	Y		
PW-2		Y	Y	X	Y	Y	Y		
PW-3		Y	Y	Y	Y	Y	Y		
PZ-16		Y	Y	Y	Y	Y	Y		
PZ-2		Y	Y	Y	Y	Y	Y		
PZ-5		Y	Y	Y	Y	Y	Y		
VEW-1		Y	Y	Y	Y	Y	Y		
VEW-2		Y	Y	Y	Y	Y	Y		
WCW-1		Y	Y	Y	Y	Y	Y		
WCW-10		Y	Y	Y	Y	Y	Y		
WCW-11		Y	Y	Y	Y	Y	Y		
WCW-12		Y	Y	Y	Y	Y	Y		
WCW-13		Y	Y	Y	Y	Y	Y		

Performed by: _____

Date Performed: _____

**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-14	n/a	Y	Y	Y	Y	Y	Y	n/a	
wcw-2		Y	Y	Y	Y	Y	Y		
wcw-3		Y	Y	Y	Y	Y	Y		
wcw-4		Y	Y	Y	Y	Y	Y		
wcw-5		Y	Y	Y	Y	Y	Y		
wcw-6		Y	Y	Y	Y	Y	Y		
wcw-7		Y	Y	Y	Y	Y	Y		
wcw-8		Y	Y	Y	Y	Y	Y		
wcw-9	∩	Y	Y	Y	Y	Y	Y	∩	

Performed by: _____

Date Performed: _____

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME DFSP Norwalk				PROJECT NUMBER 201102 KT1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSE P40 Plus	16M101746	11-2-20 0709	PH 7 10 4 Con ORP	7.07 9.97 4.02 3896 240.3	✓ ✓ ✓ ✓ ✓	22.6	KT
		↓	D.0%	100.4°	✓	21.9	
		11-3-20 0711	PH 7 10 4 Con ORP	7.04 10.02 3.93 3909 240.6	✓ ✓ ✓ ✓ ✓	20.4	
		↓	D.0%	99.6°	✓	19.9	
		11-4-20 0711	PH 7 10 4 Con ORP	7.04 10.01 4.01 3904 241.7	- - - ✓ ✓	21.4	
		↓	D.0%	100.3°	✓	19.8	
		11-5-20 0716	PH 7 10 4 Con ORP	7.01 10.03 4.03 3896 240.4	- - - ✓ ✓	19.6°	
		↓	D.0%	99.6°	✓	20.1	
		11-6-20 0710	PH 7 10 4 Con ORP	7.04 10.01 4.00 3907 239.2	- - - ✓ ✓	23.6°	
		↓	D.0%	100.3°	✓	22.0	

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-KT	Client: KMEP
Sampler: KT	Start Date: 11.4.20
Well I.D.: EXP-1	Well Diameter: 2 3 ④ 6 8
Total Well Depth: 128.78	Depth to Water: Pre: 61.25 Post: 61.30
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 0833 Flow Rate: 200 mL/min Pump Depth: 120'

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
0836	22.4	5.81	1011	6	1.54	191.0	600	61.29
0839	22.5	5.84	1018	5	1.50	148.8	1200	61.30
0842	22.5	5.86	1019	3	1.47	140.1	1800	61.30
0845	22.6	5.87	1021	3	1.45	130.7	2400	61.30
0848	22.6	5.87	1019	3	1.43	130.4	3000	61.30
0851	22.7	5.87	1020	2	1.42	129.1	3600	61.30

Did well dewater? Yes No Amount actually evacuated: 3600

Sampling Time: 0852 Sampling Date: 11.4.20

Sample I.D.: EXP-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See Coc

Equipment Blank I.D.: @ Time Duplicate I.D.: Dup-2 @ X

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-147-1</u>	Client: <u>KMEP</u>
Sampler: <u>GS</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>EXP-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>128.79</u>	Depth to Water: Pre: <u>62.40</u> Post: <u>62.48</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: 1241 Flow Rate: 500ml/min Pump Depth: 123'

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>1244</u>	<u>22.2</u>	<u>7.23</u>	<u>1508</u>	<u>5</u>	<u>0.46</u>	<u>65.2</u>	<u>1500</u>	<u>62.48</u>
<u>1247</u>	<u>22.2</u>	<u>7.21</u>	<u>1501</u>	<u>4</u>	<u>0.30</u>	<u>68.9</u>	<u>3000</u>	<u>62.48</u>
<u>1250</u>	<u>22.3</u>	<u>7.20</u>	<u>1503</u>	<u>3</u>	<u>0.17</u>	<u>70.1</u>	<u>4500</u>	<u>62.48</u>
<u>1253</u>	<u>22.3</u>	<u>7.20</u>	<u>1499</u>	<u>3</u>	<u>0.11</u>	<u>71.4</u>	<u>6000</u>	<u>62.48</u>
<u>1256</u>	<u>22.3</u>	<u>7.20</u>	<u>1493</u>	<u>2</u>	<u>0.12</u>	<u>73.0</u>	<u>7500</u>	<u>62.48</u>

Did well dewater? Yes <input type="radio"/> <u>No</u> <input checked="" type="radio"/>	Amount actually evacuated: <u>7.5L</u>
Sampling Time: <u>1257</u>	Sampling Date: <u>11-5-20</u>
Sample I.D.: <u>EXP-2</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See Cee</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-149	Client: KMEP
Sampler: LT	Start Date: 11.4.20
Well I.D.: EXP-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 123.57	Depth to Water: Pre: 60.20 Post: 60.30
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: 1249 Flow Rate: 200 mL/min Pump Depth: 120"

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
1252	23.2	7.63	917	4	2.20	39.9	600	60.30
1255	23.0	7.64	996	3	2.12	40.6	1200	60.30
1258	22.9	7.63	1031	3	1.63	43.1	1800	60.30
1301	22.9	7.63	1042	2	1.35	46.9	2400	60.30
1304	22.8	7.63	1049	2	1.33	50.2	3000	60.30
1307	22.8	7.63	1051	2	1.29	52.8	3600	60.30
1310	22.8	7.63	1055	2	1.25	54.1	4200	60.30

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1311 Sampling Date: 11.4.20

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

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-GG1	Client: KMEP
Sampler: KT	Start Date: 11-3-20
Well I.D.: EXP-4	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 115.31	Depth to Water: Pre: 62.48 Post: 62.50
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: 1255 Flow Rate: 300 mL/min Pump Depth: 110'

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
1250	22.4	7.07	1398	2	2.01	-23.6	900	62.50
1301	22.6	7.10	1407	1	1.43	-31.2	1800	62.50
1304	22.7	7.11	1411	1	0.96	-33.4	2700	62.50
1307	22.8	7.10	1415	1	0.90	-36.1	3600	62.50
1310	22.8	7.10	1418	2	0.84	-37.8	4500	62.50

Did well dewater? Yes No Amount actually evacuated: 4500

Sampling Time: 1311 Sampling Date: 11-3-20

Sample I.D.: EXP-4 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 #: 201102-16T-1	Client: KMEP
Sampler: GA	Start Date: 11-4-20
Well I.D.: Exp-5	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 113.23	Depth to Water: Pre: 54.74 Post: 54.90
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: 0823 Flow Rate: 500ml/min Pump Depth: 108'

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
0826	21.8	7.55	1034	16	1.33	133.3	1500	54.88
0829	21.2	7.38	1014	10	1.26	130.2	3000	54.90
0832	21.3	7.32	1021	8	1.01	128.2	4500	54.90
0835	21.3	7.30	1018	7	0.98	128.7	6000	54.90
0838	21.3	7.30	1023	7	0.91	123.0	7500	54.90
0841	21.4	7.29	1016	6	0.90	121.6	9000	54.90

Did well dewater? Yes No Amount actually evacuated: 9.0L

Sampling Time: 0842 Sampling Date: 11-4-20

Sample I.D.: Exp-5 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See CA

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-KT1	Client: KMEP
Sampler: KT	Start Date: 11.5.20
Well I.D.: Gmw-42	Well Diameter: 2 3 4 6 8
Total Well Depth: 51.18	Depth to Water: Pre: 33.00 Post: 33.20
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: 1150 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
1153	26.9	7.54	1496	22	0.92	-12.9	600	33.16
1156	27.0	7.56	1487	17	0.88	-17.4	1200	33.19
1159	27.3	7.57	1439	14	0.81	-22.6	1800	33.20
1202	27.5	7.57	1426	12	0.75	-23.8	2400	33.20
1205	27.6	7.58	1420	13	0.74	-24.1	3000	33.20
1208	27.6	7.58	1418	13	0.73	-24.6	3600	33.20

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600
Sampling Time: 1209	Sampling Date: 11.5.20
Sample I.D.: Gmw-42	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-MT-1</u>	Client: KMEP
Sampler: <u>GA</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>GMW-8</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>44.57</u>	Depth to Water: Pre: <u>32.32</u> Post: <u>32.47</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVD</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: 1155 Flow Rate: 200 mL/min Pump Depth: 38'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ml</u>)	Depth to water
<u>1158</u>	<u>22.1</u>	<u>7.17</u>	<u>842</u>	<u>101</u>	<u>0.57</u>	<u>39.0</u>	<u>600</u>	<u>32.40</u>
<u>1201</u>	<u>22.3</u>	<u>7.15</u>	<u>839</u>	<u>79</u>	<u>0.52</u>	<u>-12.7</u>	<u>1200</u>	<u>32.47</u>
<u>1204</u>	<u>22.4</u>	<u>7.13</u>	<u>840</u>	<u>66</u>	<u>0.46</u>	<u>-38.1</u>	<u>1800</u>	<u>32.47</u>
<u>1207</u>	<u>22.4</u>	<u>7.13</u>	<u>842</u>	<u>60</u>	<u>0.44</u>	<u>-46.5</u>	<u>2400</u>	<u>32.47</u>
<u>1210</u>	<u>22.4</u>	<u>7.10</u>	<u>847</u>	<u>59</u>	<u>0.41</u>	<u>-50.1</u>	<u>3000</u>	<u>32.47</u>
<u>1213</u>	<u>22.5</u>	<u>7.10</u>	<u>845</u>	<u>57</u>	<u>0.38</u>	<u>-55.9</u>	<u>3600</u>	<u>32.47</u>

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>1215</u>	Sampling Date: <u>11-5-20</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 Ccu</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-KT7	Client: KMEP
Sampler: KT	Start Date: 11.6.20
Well I.D.: Gmw-9	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 49.46	Depth to Water: Pre: 35.90 Post: 36.17
Depth to Free Product: -	Thickness of Free Product (feet): -
Referenced to: <u>PVE</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 0924 Flow Rate: 100 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
0927	24.8	7.09	3114	22	2.07	-36.4	300	36.14
0930	25.0	7.11	3131	16	1.67	-40.1	600	36.17
0933	25.4	7.08	3140	17	1.49	-48.6	900	36.17
0936	25.6	7.08	3193	15	1.18	-45.9	1200	36.17
0939	25.7	7.06	3243	9	0.97	-43.1	1500 1600	36.17
0942	25.9	7.04	3249	5	0.84	-39.6	1800	36.17
0945	26.0	7.04	3248	4	0.79	-40.9	2100	36.17
0948	26.0	7.04	3244	4	0.75	-41.3	2400	36.17

Did well dewater? Yes No Amount actually evacuated: 2400

Sampling Time: 0949 Sampling Date: 11.6.20

Sample I.D.: Gmw-01 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: Sol CoC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT1</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11.4.20</u>
Well I.D.: <u>Gmw-13</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.61</u>	Depth to Water: Pre: <u>31.05</u> Post: <u>32.03</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: 1426 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
1429	23.4	7.08	718	396	1.76	199.4	600	32.02
1432	23.6	7.07	719	390	1.99	194.3	1200	32.03
1435	23.8	7.05	719	376	2.06	176.7	1800	32.03
1438	23.9	7.05	721	331	2.11	159.6	2400	32.03
1441	24.1	7.05	723	319	2.19	140.4	3000	32.03
1444	24.3	7.04	722	308	2.26	138.9	3600	32.03
1447	24.3	7.04	722	305	2.28	137.7	4200	32.03
1450 1450	24.3	7.04	721	304	2.30	<u>136.6</u> <u>137.7</u>	4800	32.03

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>4800</u>
Sampling Time: <u>1451</u>	Sampling Date: <u>11.4.20</u>
Sample I.D.: <u>Gmw-13</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.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-KT1	Client: KMEP
Sampler: KT	Start Date: 11-5-20
Well I.D.: GMW-14R	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.22	Depth to Water: Pre: 33.18 Post: 33.22
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: 1104 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
1107	23.5	7.46	1327	49	1.58	33.1	600	33.21
1110	23.7	7.49	1330	40	1.49	36.4	1200	33.22
1113	23.9	7.50	1332	34	1.36	38.7	1800	33.22
1116	24.0	7.52	1335	31	1.30	40.5	2400	33.22
1119	24.1	7.53	1336	24	1.24	43.3	3000	33.22
1122	24.2	7.53	1334	24	1.22	44.6	3600	33.22
1125	24.3	7.53	1332	22	1.20	44.9	4200	33.22

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1126 Sampling Date: 11-5-20

Sample I.D.: GMW-14R Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: SEE CQC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-117-1</u>	Client: KMEP
Sampler: <u>Gh</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>GMW-25</u>	Well Diameter: 2 3 <u>4</u> 6 8 <u> </u>
Total Well Depth: 46.20 <u>53.16</u>	Depth to Water: Pre: <u>36.98</u> Post: <u>37.13</u>
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: 0920 Flow Rate: 200ml/min Pump Depth: 51

Time	Temp. (<u>C</u> 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
<u>0923</u>	<u>25.6</u>	<u>7.13</u>	<u>2598</u>	<u>73</u>	<u>0.67</u>	<u>-99.2</u>	<u>1000</u>	<u>37.06</u>
<u>0926</u>	<u>25.6</u>	<u>7.10</u>	<u>2580</u>	<u>68</u>	<u>0.41</u>	<u>-110.8</u>	<u>1200</u>	<u>37.13</u>
<u>0929</u>	<u>25.7</u>	<u>7.09</u>	<u>2576</u>	<u>61</u>	<u>0.38</u>	<u>-117.9</u>	<u>1800</u>	<u>37.13</u>
<u>0932</u>	<u>25.7</u>	<u>7.07</u>	<u>2579</u>	<u>57</u>	<u>0.30</u>	<u>-123.9</u>	<u>2400</u>	<u>37.13</u>
<u>0935</u>	<u>25.7</u>	<u>7.07</u>	<u>2573</u>	<u>55</u>	<u>0.22</u>	<u>-126.4</u>	<u>3000</u>	<u>37.13</u>
<u>0936</u>	<u>25.7</u>	<u>7.08</u>	<u>2570</u>	<u>53</u>	<u>0.26</u>	<u>-130.7</u>	<u>3600</u>	<u>37.13</u>

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>0940</u>	Sampling Date: <u>11-6-20</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 Lab</u>
Equipment Blank I.D.: <u> </u> @ <u> </u> Time	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT-1</u>	Client: KMEP
Sampler: <u>GA</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>GMW-26</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>48.33</u>	Depth to Water: Pre: <u>33.59</u> Post: <u>33.66</u>
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: 1025 Flow Rate: 200ml/min Pump Depth: 50

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
1028	23.0	7.01	3824	39	0.51	69.7	0L	33.66
1031	23.2	6.97	3836	31	0.47	57.8	120	33.66
1034	23.3	6.97	3829	27	0.33	52.6	180	33.66
1037	23.5	6.97	3834	22	0.30	48.9	240	33.66
1040	23.5	6.97	3840	21	0.27	42.7	300	33.66
1043	23.6	6.98	3844	21	0.20	40.0	360	33.66

Did well dewater? Yes No Amount actually evacuated: 3.6L

Sampling Time: 1045 Sampling Date: 11-5-20

Sample I.D.: GMW-26 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See Cu

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>GMW-28</u>	Well Diameter: 2 3 (4) 6 8
Total Well Depth: <u>49.18</u>	Depth to Water: Pre: <u>33.47</u> Post: <u>33.73</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
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: 0925 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
0928	23.9	7.07	4053	46	1.47	24.4	600	33.63
0931	24.4	7.07	4040	49	1.40	7.6	1200	33.67
0934	24.9	7.08	3994	52	1.34	-26.1	1800	33.71
0937	25.3	7.08	3981	40	1.31	-38.4	2400	33.72
0940	25.7	7.09	3969	36	1.23	-49.7	3000	33.73
0943	26.0	7.09	3954	32	1.16	-55.4	3600	33.73
0946	26.2	7.08	3944	29	1.13	-57.9	4200	33.73
0949	26.3	7.08	3941	28	1.09	-60.1	4800	33.73

Did well dewater? Yes **(No)** Amount actually evacuated: 4800

Sampling Time: 0950 Sampling Date: 11-5-20

Sample I.D.: GMW-28 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: SEE LOC

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT-1</u>	Client: KMEP
Sampler: <u>GA</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>GMW-30</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>49.79</u>	Depth to Water: Pre: <u>33.76</u> Post: <u>33.97</u>
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: 1047 Flow Rate: 200 mL/min Pump Depth: 47'

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
1050	25.2	7.17	3277	22	1.21	-76.6	600	33.83
1053	25.3	7.11	3267	13	0.43	-122.8	1200	33.92
1056	25.6	7.07	3269	10	0.23	-149.6	1800	33.97
1059	25.7	7.05	3284	8	0.21	-153.8	2400	33.97
1102	25.7	7.05	3277	7	0.17	-159.2	3000	33.97
1105	25.7	7.04	3280	7	0.15	-160.1	3600	33.97

Did well dewater? Yes <u>NO</u>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>1106</u>	Sampling Date: <u>11-6-20</u>
Sample I.D.: <u>GMW-30</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See Cee</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 2021102-15T-1	Client: KMEP
Sampler: G _h	Start Date: 11-6-20
Well I.D.: G _h MW-36	Well Diameter: 2 3 ④ 6 8
Total Well Depth:	Depth to Water: Pre: Post:
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: _____ 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

Did well dewater? Yes No Amount actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: Alpha Analytical

Analyzed for: TPH_g TPH_{fp} VOC's MTBE Other: _____

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT1</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11.4.20</u>
Well I.D.: <u>GMW-37</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>53.51</u>	Depth to Water: Pre: <u>34.00</u> Post: <u>34.08</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: 1337 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
1340	21.9	7.52	781	8	1.38	124.9	600	34.08
1343	21.9	7.50	787	6	1.31	122.4	1200	34.08
1346	22.3	7.47	790	5	1.27	121.6	1800	34.08
1349	22.3	7.46	793	5	1.25	119.6	2400	34.08
1352	22.4	7.44	794	4	1.18	115.8	3000	34.08
1355	22.5	7.43	795	4	1.14	114.0	3600	34.08
1358	22.5	7.43	794	4	1.13	113.6	4200	34.08

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>4200</u>
Sampling Time: <u>1359</u>	Sampling Date: <u>11.4.20</u>
Sample I.D.: <u>GMW-37</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>201102-KF1</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-38</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>53.07</u>	Depth to Water: Pre: <u>32.14</u> Post: <u>32.28</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: 1150 Flow Rate: 200ml/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 mL)	Depth to water
1153	22.4	7.79	785	16	1.54	47.9	600	32.28
1156	22.6	7.75	780	9	1.39	52.5	1200	32.28
1159	22.6	7.74	780	5	1.34	53.8	1800	32.28
1202	22.6	7.73	775	4	1.32	56.2	2400	32.28
1205	22.6	7.72	772	5	1.30	59.5	3000	32.28
1208	22.5	7.72	770	5	1.29	60.2	3600	32.28

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>1209</u>	Sampling Date: <u>11-4-20</u>
Sample I.D.: <u>GMW-38</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>201102-K57</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11.4.20</u>
Well I.D.: <u>GMW-39</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>50.51</u>	Depth to Water: Pre: <u>31.40</u> Post: <u>31.65</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: 0911 Flow Rate: 100 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
<u>0914</u>	<u>21.7</u>	<u>7.63</u>	<u>1378</u>	<u>7</u>	<u>1.41</u>	<u>122.8</u>	<u>300</u>	<u>31.54</u>
<u>0917</u>	<u>21.9</u>	<u>7.59</u>	<u>1359</u>	<u>5</u>	<u>1.30</u>	<u>118.6</u>	<u>600</u>	<u>31.63</u>
<u>0920</u>	<u>22.2</u>	<u>7.56</u>	<u>1350</u>	<u>4</u>	<u>1.16</u>	<u>115.1</u>	<u>900</u>	<u>31.65</u>
<u>0923</u>	<u>22.3</u>	<u>7.57</u>	<u>1344</u>	<u>3</u>	<u>0.93</u>	<u>109.3</u>	<u>1200</u>	<u>31.65</u>
<u>0926</u>	<u>22.3</u>	<u>7.57</u>	<u>1341</u>	<u>3</u>	<u>0.99</u>	<u>106.9</u>	<u>1500</u>	<u>31.65</u>
<u>0929</u>	<u>22.4</u> 24.2	<u>7.57</u>	<u>1339</u>	<u>4</u>	<u>0.85</u>	<u>104.3</u>	<u>1800</u>	<u>31.65</u>
<u>0932</u>	<u>22.4</u>	<u>7.57</u>	<u>1330</u>	<u>4</u>	<u>0.84</u>	<u>102.8</u>	<u>2100</u>	<u>31.65</u>

Did well dewater? Yes No Amount actually evacuated: 2100

Sampling Time: 0933 Sampling Date: 11.4.20

Sample I.D.: GMW-39 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-15T-1</u>	Client: KMEP
Sampler: <u>gla</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-0-1</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.07</u>	Depth to Water: Pre: <u>30.78</u> Post: <u>30.71</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1230 Flow Rate: 300 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
1241	23.1	6.94	3591	30	0.66	127.8	600	30.66
1244	23.5	6.91	3589	27	0.38	113.0	1200	30.69
1247	23.7	6.90	3587	22	0.27	103.1	1800	30.70
1250	23.7	6.90	3581	21	0.24	100.9	2400	30.71
1253	23.8	6.89	3583	20	0.21	97.8	3000	30.71
1256	23.8	6.89	3580	20	0.18	95.9	3600	30.71

Did well dewater? Yes No Amount actually evacuated: 3.6L

Sampling Time: 1257 Sampling Date: 11-4-20

Sample I.D.: GMW-0-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See Ccc

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-147-1</u>	Client: KMEP
Sampler: <u>604</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-0-2</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: 44.15 <u>49.23</u>	Depth to Water: Pre: ⁹⁷ 30.48 Post: <u>31.12</u>
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: 1147 Flow Rate: 100 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
1150	22.9	7.08	3947	20	0.88	90.6	300	31.07
1153	23.0	7.02	3914	18	0.72	84.2	600	31.12
1156	23.1	7.00	3906	13	0.64	82.4	900	31.12
1159	23.1	6.99	3900	11	0.37	80.0	1200	31.12
1202	23.2	6.99	3887	10	0.31	77.6	1500	31.12
1205	23.2	7.00	3881	10	0.33	73.1	1800	31.12

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>1.0L</u>
Sampling Time: <u>1200</u>	Sampling Date: <u>11-4-20</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 Cn</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-14T-7</u>	Client: KMEP
Sampler: <u>GA</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-0-3</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>47.93</u>	Depth to Water: Pre: <u>30.50</u> Post: <u>30.77</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1056 Flow Rate: 100ml/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
1059	24.2	7.07	2767	16	0.44	-72.4	300	30.70
1102	24.5	7.04	2768	11	0.30	-89.9	600	30.74
1105	24.5	7.03	2765	9	0.27	-97.0	900	30.77
1108	24.6	7.01	2766	8	0.33	-101.8	1200	30.77
1111	24.6	7.01	2762	8	0.31	-104.2	1500	30.77

Did well dewater? Yes (No) Amount actually evacuated: 1.5L

Sampling Time: 1112 Sampling Date: 11-4-20

Sample I.D.: GMW-0-3 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See Lec

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-14F-1</u>	Client: KMEP
Sampler: <u>64</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-0-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.16</u>	Depth to Water: Pre: <u>29.70</u> Post: <u>29.72</u>
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: 1020 Flow Rate: 100 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
1023	23.4	7.22	2365	27	0.66	122.8	300	29.72
1026	23.5	7.20	2361	26	0.50	119.8	600	29.72
1029	23.6	7.21	2362	24	0.47	119.1	900	29.72
1032	23.6	7.21	2366	22	0.41	118.6	1200	29.72
1035	23.6	7.20	2362	21	0.36	118.0	1500	29.72
1038	23.7	7.20	2360	21	0.32	117.4	1800	29.72

Did well dewater? Yes No Amount actually evacuated: 1.80

Sampling Time: 1040 Sampling Date: 11-4-20

Sample I.D.: GMW-0-4 Laboratory: **Alpha Analytical**

Analyzed for: **TPHg TPHfp VOC's MTBE** Other: See Ccc

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-15T-1</u>	Client: KMEP
Sampler: <u>607</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-0-5</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>48.90</u>	Depth to Water: Pre: <u>30.00</u> Post: <u>30.13</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0940 Flow Rate: 200ml/min Pump Depth: 45

Time	Temp. (Cor °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. of mL)	Depth to water
0943	22.2	7.38	1694	17	0.72	133.8	600	30.12
0946	22.6	7.19	1671	11	0.64	129.6	1200	30.13
0949	22.6	7.17	1665	8	0.61	126.5	1900	30.13
0952	22.6	7.15	1663	7	0.57	123.1	2400	30.13
0955	22.7	7.10	1660	7	0.54	120.9	3000	30.13
0958	22.7	7.11	1654	6	0.52	115.9	3600	30.13

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3600ml</u>
Sampling Time: <u>1000</u>	Sampling Date: <u>11-4-20</u>
Sample I.D.: <u>GMW-0-5</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See Cec</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-15T-1</u>	Client: KMEP
Sampler: <u>GR</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GIMW-0-9</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 <u> </u>
Total Well Depth: <u>500</u>	Depth to Water: Pre: <u>32.16</u> Post: <u>32.31</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u> </u> <u> </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: 1441 Flow Rate: 200 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 <u>ml</u>)	Depth to water
1444	23.1	7.42	1984	27	0.92	88.1	600	32.24
1447	23.2	7.40	2110	20	0.47	72.4	1700	32.30
1450	23.2	7.38	2188	16	0.32	66.9	1800	32.31
1453	23.3	7.38	2236	16	0.29	61.0	2400	32.31
1456	23.3	7.38	2259	15	0.27	58.7	3000	32.31
1459	23.4	7.37	2263	15	0.21	55.4	3600	32.31

Did well dewater? Yes No Amount actually evacuated: 36.1

Sampling Time: 1500 Sampling Date: 11-4-20

Sample I.D.: GIMW-0-9 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: Spillco

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-BT-1</u>	Client: KMEP
Sampler: <u>Gh</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>GMW-0-10</u>	Well Diameter: 2 3 (4) 6 8 <u> </u>
Total Well Depth: <u>49.96</u>	Depth to Water: Pre: <u>32.73</u> Post: <u>32.90</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="checkbox"/> PVC <input type="checkbox"/> 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: 140i Flow Rate: 100ml/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
1404	28.9	7.26	2958	22	0.68	-98.1	300	32.84
1407	29.2	7.21	3109	12	0.52	-93.6	600	32.88
1410	29.3	7.16	3197	9	0.41	-101.2	900	32.90
1413	29.3	7.14	3273	7	0.38	-104.8	1200	32.90
1416	29.4	7.11	3318	7	0.36	-109.2	1500	32.90
1419	29.4	7.11	3390	6	0.31	-113.7	1800	32.90

Did well dewater? Yes **(No)** Amount actually evacuated: 1.8L

Sampling Time: 1420 Sampling Date: 11-4-20

Sample I.D.: GMW-0-10 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 #: 201102KT-1	Client: KMEP
Sampler: FA	Start Date: 11/09/20
Well I.D.: GMW-0-14	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 49.84	Depth to Water: Pre: 32.28 Post: 32.58
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: 0849 Flow Rate: 200ml/min Pump Depth: 41.5'

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
0852	24.1	7.16	2493	45	0.82	-258.7	600	32.44
0855	24.4	7.23	2497	53	0.55	-255.4	1200	32.48
0858	24.7	7.24	2503	56	0.43	-279.3	1800	32.51
0901	24.8	7.23	2512	54	0.38	-289.9	2400	32.54
0904	24.9	7.22	2507	53	0.36	-293.6	3000	32.56
0907	25.2	7.19	2508	50	0.35	-278.0	3600	32.58

Did well dewater? Yes (No)	Amount actually evacuated: 3600mL
Sampling Time: 0909	Sampling Date: 11/09/20
Sample I.D.: GMW-0-14	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.: DUP-7 @ —

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-14T-1	Client: KMEP
Sampler: 6767	Start Date: 11-6-20
Well I.D.: GMW-0-15	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 44.05	Depth to Water: Pre: 26.89 Post: 27.03
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: 1423 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
1426	25.7	7.21	1866	26	1.27	-156.8	300	26.97
1429	25.7	7.11	1843	22	0.99	-162.7	600	26.03
1432	25.8	7.06	1821	20	0.99	-164.9	900	27.03
1435	25.8	7.00	1798	19	0.56	-172.3	1200	27.03
1438	25.8	6.99	1764	19	0.53	-177.0	1500	27.03
1441	25.8	6.97	1760	18	0.49	-181.8	1800	27.03

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>1.8L</u>
Sampling Time: <u>1442</u>	Sampling Date: <u>11-6-20</u>
Sample I.D.: <u>GMW-0-15</u>	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: <u>See C.O.C</u>
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-441	Client: KMEP
Sampler: KT	Start Date: 11.5.20
Well I.D.: GMW-0-16	Well Diameter: 2 3 4 6 8
Total Well Depth: 33.47	Depth to Water: Pre: 33.89 Post: 33.97
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: 1332 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
1335	25.8	7.21	1764	8	1.23	10.6	600	33.96
1338	25.9	7.18	1769	7	1.16	12.9	1200	33.97
1341	26.0	7.15	1773	8	1.10	13.4	1800	33.97
1344	26.3	7.14	1779	7	0.92	15.9	2400	33.97
1347	26.4	7.13	1784	5	0.89	18.7	3000	33.97
1350	26.4	7.10	1790	5	0.85	19.4	3600	33.97
1354	26.3	7.11	1792	4	0.83	20.5	4200	33.97

Did well dewater? Yes **No** Amount actually evacuated: 4200

Sampling Time: 1355 Sampling Date: 11.5.20

Sample I.D.: GMW-0-16 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See CoC

Equipment Blank I.D.: EB-5 @ Time 1438 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-WT-1	Client: KMEP
Sampler: GA	Start Date: 11-11-20
Well I.D.: GMW-0-17	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 39.60	Depth to Water: Pre: 29.42 Post: 29.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VD</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2x Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0900 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
0903	72.0	7.36	20916	18	1.02	136.2	600	29.56
0906	72.2	7.31	2069	13	0.86	132.0	1200	29.59
0909	72.2	7.28	2038	10	0.76	179.8	1800	29.60
0912	72.3	7.33	2044	7	0.71	128.1	2400	29.60
0915	72.3	7.36	2041	6	0.66	123.8	3000	29.60
0918	72.2	7.39	2036	6	0.63	122.6	3600	29.60

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>0920</u>	Sampling Date: <u>11-11-20</u>
Sample I.D.: <u>GMW-0-17</u>	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: <u>See Lec</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-67-1</u>	Client: KMEP
Sampler: <u>CU</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>GIMW-0-18</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>3070</u>	Depth to Water: Pre: <u>27.25</u> Post: <u>27.41</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PE</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1325 Flow Rate: 200 mL/min Pump Depth: 34'

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
1328	21.8	7.02	2787	67	0.67	-188.9	600	27.38
1331	21.8	7.03	2819	61	0.49	-197.2	1200	27.41
1334	22.0	7.06	2831	58	0.37	-206.4	1800	27.41
1337	22.0	7.06	2847	55	0.34	-215.1	2400	27.41
1340	22.1	7.07	2866	53	0.30	-221.7	3000	27.41
1343	22.1	7.07	2871	51	0.29	-224.0	3600	27.41

Did well dewater? Yes NO Amount actually evacuated: 3.6L
 Sampling Time: 1345 Sampling Date: 11-6-20
 Sample I.D.: ~~GIMW-0-18~~ GIMW-0-18 Laboratory: Alpha Analytical
 Analyzed for: TPHg TPHfp VOC's MTBE Other: See Ccu
 Equipment Blank I.D.: @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT1</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>GMW-0-19</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>39.00</u>	Depth to Water: Pre: <u>27.11</u> <u>31.89</u> Post: <u>32.10</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: 1240 Flow Rate: 100 mL/min 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 mL)	Depth to water
1243	24.9	7.20	1943	3	0.96	76.6	300	32.05
1246	25.3	7.23	1938	4	0.90	75.4	600	32.07
1249	25.7	7.25	1930	3	0.84	74.8	900	32.09
1252	25.9	7.28	1926	3	0.80	73.9	1200	32.10
1255	26.3	7.29	1924	3	0.75	73.4	1500	32.10
1258	26.4	7.30	1919	3	0.72	72.9	1800	32.10
1301	26.4	7.31	1922	3	0.70	72.5	2100	32.10

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>2100</u>
Sampling Time: <u>1302</u>	Sampling Date: <u>11-5-20</u>
Sample I.D.: <u>GMW-0-19</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	Duplicate I.D.: <u> </u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102KT-1</u>	Client: <u>KMEP</u>
Sampler: <u>FA</u>	Start Date: <u>11/09/20</u>
Well I.D.: <u>GMW-0-20</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>37.62</u>	Depth to Water: Pre: <u>30.97</u> Post: <u>31.25</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: 1130 Flow Rate: 200ml/min 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
1133	25.6	7.26	2194	11	1.10	-224.7	600	31.11
1136	26.2	7.25	2189	15	0.88	-229.3	1200	31.18
1139	27.0	7.23	2240	17	0.59	-224.2	1800	31.23
1142	27.8	7.21	2357	11	0.60	-230.4	2400	31.25
1145	28.5	7.19	2298	7	0.45	-232.0	3000	31.25
1148	28.6	7.17	2287	7	0.43	-235.3	3600	31.25
1151	28.5	7.16	2279	7	0.41	-236.4	4200	31.25

Did well dewater? Yes (No) Amount actually evacuated: 4200mL

Sampling Time: 1153 Sampling Date: 11/09/20

Sample I.D.: GMW-0-20 Laboratory: Alpha Analytical

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

Equipment Blank I.D.: EB-9 @ Time 1215 Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102KT-1	Client: KMEP
Sampler: FA	Start Date: 11/09/20
Well I.D.: GMW-0-21	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 41.34	Depth to Water: Pre: 30.30 Post: 30.61
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: 1035 Flow Rate: 200 mL/min Pump Depth: 38'

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
1038	23.1	7.25	2050	25	0.94	-285.4	600	30.44
1041	23.0	7.37	2165	25	0.75	-309.3	1200	30.49
1044	22.7	7.34	2167	23	0.57	-313.7	1800	30.53
1047	22.6	7.29	2132	33	0.49	-315.1	2400	30.56
1050	23.0	7.26	2133	35	0.44	-317.3	3000	30.58
1053	23.4	7.23	2143	34	0.42	-320.2	3600	30.61

Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1055	Sampling Date: 11/09/20
Sample I.D.: GMW-0-21	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 #: 201102-KT	Client: KMEP
Sampler: KT	Start Date: 11-6-20
Well I.D.: GMW-0-23	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 32.29	Depth to Water: Pre: 32.24 Post: 32.29
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: 1400 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
1409	29.6	7.26	2389	29	1.31	-16.9	600	32.27
1412	29.9	7.23	2411	21	0.79	-19.7	1200	32.29
1415	30.4	7.22	2434	20	0.71	-20.4	1800	32.29
1418	30.9	7.22	2449	16	0.63	-22.6	2400	32.29
1421	31.6	7.19	2457	14	0.60	-23.1	3000	32.29
1424	31.7	7.19	2463	10	0.56	-22.9	3600	32.29
1427	31.7	7.19	2470	9	0.50	-22.4	4200	32.29
1430	31.8	7.18	2473	10	0.49	-22.6	4800	32.29

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 4800
Sampling Time: 1431	Sampling Date: 11.6.20
Sample I.D.: GMW-0-23	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See C.O.C
Equipment Blank I.D.: EB#7 @ Time 1447	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT1</u>	Client: <u>KMEP</u>
Sampler: <u>KT</u>	Start Date: <u>11.4.20</u>
Well I.D.: <u>GMW-SF-7</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>49.27</u>	Depth to Water: Pre: <u>30.61</u> Post: <u>30.80</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: 1104 Flow Rate: 200 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
1107	21.6	8.15	619	11	3.07	89.9	600	30.77
1110	21.7	8.04	612	7	2.96	93.4	1200	30.79
1113	21.7	8.00	610	6	2.90	95.1	1800	30.80
1116	21.8	7.89	607	5	2.85	96.7	2400	30.80
1119	21.8	7.85	603	5	2.84	98.5	3000	30.80
1122	21.8	7.83	601	4	2.82	99.0	3600	30.80

Did well dewater? Yes <u>No</u>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>1123</u>	Sampling Date: <u>11.4.20</u>
Sample I.D.: <u>GMW-SF-7</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	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-KT1	Client: KMEP
Sampler: KT	Start Date: 11.4.20
Well I.D.: GMW-SF-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 43.68	Depth to Water: Pre: 32.18 Post: 32.32
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: 1030 Flow Rate: 150 ml/min Pump Depth: 39'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to water
1033	22.8	7.97	912	23	2.03	58.9	450	32.30
1036	23.3	7.96	915	20	2.21	60.2	900	32.31
1039	23.5	7.95	909	17	2.34	60.9	1350	32.32
1042	23.7	7.91	911	15	2.38	60.9	1800	32.32
1045	23.9	7.89	913	9	2.39	61.3	2250	32.32
1048	23.9	7.88	914	9	2.38	61.7	2700	32.32
1051	24.0	7.87	915	8	2.37	61.8	3100	32.32

Did well dewater? Yes No Amount actually evacuated: 3100

Sampling Time: 1052 Sampling Date: 11.4.20

Sample I.D.: GMW-SF-8 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT1</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11.5.20</u>
Well I.D.: <u>GWR-12</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>52.51</u>	Depth to Water: Pre: <u>35.38</u> Post: <u>35.51</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: 0824 Flow Rate: 200 mL/min Pump Depth: 50'

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
0827	24.9	7.16	2676	96	1.72	-98.7	600	35.49
0830	24.9	7.20	2679	93	1.64	-100.4	1200	35.51
0833	24.9	7.21	2673	86	1.61	-102.6	1800	35.51
0836	24.8	7.22	2675	75	1.54	-102.1	2400	35.51
0839	24.9	7.22	2674	61	1.50	-101.6	3000	35.51
0842	25.0	7.23	2673	60	1.46	-100.9	3600	35.51
0845	25.0	7.23	2672	58	1.44	-101.3	4200	35.51

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>4200</u>
Sampling Time: <u>0846</u>	Sampling Date: <u>11.5.20</u>
Sample I.D.: <u>GWR-12</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>SEE LOG</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: <u>Dup-3 @ X</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>20402-14T-1</u>	Client: <u>KMEP</u>
Sampler: <u>GA</u>	Start Date: <u>11-4-20</u>
Well I.D.: <u>HL-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>39.10</u>	Depth to Water: Pre: <u>36.00</u> Post: <u>36.00</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVC</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: 0851 Flow Rate: 200 ml/min Pump Depth: 30

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
0854	23.3	6.50	3669	71	2.31	150	600	36.00
0857	23.7	6.49	3674	69	1.79	25	1200	36.00
0900	23.9	6.46	3671	63	1.63	1.1	1800	36.00
0903	24.0	6.43	3672	60	1.60	0.8	2400	36.00
0906	24.0	6.43	3670	59	1.55	-1.3	3000	36.00
0909	24.0	6.44	3669	57	1.51	-2.0	3600	36.00

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>0910</u>	Sampling Date: <u>11-5-20</u>
Sample I.D.: <u>HL-2</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	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-151-1</u>	Client: KMEP
Sampler: <u>GWA</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>HL-3</u>	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: <u>41.41</u>	Depth to Water: Pre: <u>35.83</u> Post: <u>35.94</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>pve</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1500 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 liters)	Depth to water
1503	22.8	7.30	1733	27	6.02	-33	600	35.94
1506	22.9	7.04	1699	20	0.37	-31.7	1200	35.94
1509	23.0	6.96	1651	13	0.31	-46.4	1800	35.94
1512	23.0	6.94	1637	10	0.23	-57.1	2400	35.94
1515	23.1	6.91	1633	10	0.20	-63.8	3000	35.94
1518	23.1	6.91	1630	9	0.16	-66.6	3600	35.94

Did well dewater? Yes NO	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>1520</u>	Sampling Date: <u>11-3-20</u>
Sample I.D.: <u>HL-3</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 #: 201102-11-1	Client: KMEP
Sampler: G4	Start Date: 11-5-20
Well I.D.: MW-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 51.95	Depth to Water: Pre: 36.56 Post: 36.58
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVO</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: 1437 Flow Rate: 200 mL/min Pump Depth: 47'

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
1440	22.0	7.08	2688	19	1.89	-33.8	600	36.58
1443	22.2	7.00	2768	14	1.68	-41.6	1200	36.58
1446	23.2	6.93	2797	12	1.47	-58.9	1800	36.58
1449	23.3	6.93	2831	10	1.33	-63.2	2400	36.58
1452	23.3	6.91	2844	10	1.30	-66.7	3000	36.58
1455	23.4	6.91	2856	9	1.24	-68.4	3600	36.58

Did well dewater? Yes No Amount actually evacuated: 3.6L

Sampling Time: 1456 Sampling Date: 11-5-20

Sample I.D.: MW-6 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See Lec

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102- GG1 GG1	Client: KMEP
Sampler: KT	Start Date: 11.3.20
Well I.D.: MW-7	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 53.57	Depth to Water: Pre: 37.26 Post: 37.32
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: 1459 Flow Rate: 200mL/min Pump Depth: 50'

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
1502	23.2	7.24	3084	17	1.16	-9.9	600	37.32
1505	23.4	7.21	3104	15	1.00	-12.5	1200	37.32
1509	23.5	7.18	3115	13	0.85	-15.7	1800	37.32
1511	23.6	7.17	3117	10	0.83	-17.0	2400	37.32
1514	23.6	7.15	3119	10	0.79	-19.6	3000	37.32

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 3000
Sampling Time: 1515	Sampling Date: 11.3.20
Sample I.D.: MW-7	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 #: 201102-KT1	Client: KMEP
Sampler: KT	Start Date: 11.4.20
Well I.D.: MW-8	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 50.47	Depth to Water: Pre: 26.46 Post: 26.58
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: 0949 Flow Rate: 200ml/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
0952	23.6	7.17	1086	17	1.22	63.7	600	26.53
0955	23.9	7.16	1089	15	0.63	66.3	1200	26.58
0958	24.3	7.16	1094	11	0.54	67.9	1800	26.58
1001	24.4	7.15	1101	10	0.49	69.4	2400	26.58
1004	24.5	7.15	1108	9	0.45	72.5	3000	26.58
1007	24.5	7.15	1109	8	0.42	73.3	3600	26.58
1010	24.5	7.15	1113	8	0.40	73.5	4200	26.58

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 4200
Sampling Time: 1011	Sampling Date: 11.4.20
Sample I.D.: MW-8	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: SEE RC
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-291</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>MW-9</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>51.84</u>	Depth to Water: Pre: <u>34.78</u> Post: <u>34.93</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: 1149 Flow Rate: 150 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
1152	23.6	7.49	1749	20	0.89	-74.9	450	34.90
1155	23.9	7.48	1789	20	0.95	-81.4	900	34.93
1158	24.4	7.46	1804	18	0.99	-84.6	1350	34.93
1201	24.6	7.46	1811	15	1.04	-89.2	1800	34.93
1204	24.9	7.45	1824	12	1.12	-90.6	2250	34.93
1207	25.0	7.44	1827	13	1.15	-93.5	2700	34.93
1210	25.1	7.43	1831	13	1.10	-94.2	3150	34.93

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: 3150 <u>3150</u>
Sampling Time: <u>1211</u>	Sampling Date: <u>11-6-20</u>
Sample I.D.: <u>MW-9</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> <small>Time</small>	Duplicate I.D.: <u>Dup-5 @ X</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>70402-17-1</u>	Client: KMEP
Sampler: <u>GA</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>MW-12</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>51.90</u>	Depth to Water: Pre: <u>34.54</u> Post: <u>34.67</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VC</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: 1100 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
1111	23.8	7.09	1416	21	0.49	66.9	600	34.67
1114	24.0	7.01	1421	13	0.41	78.2	1200	34.67
1117	24.1	6.96	1409	10	0.30	51.2	1800	34.67
1120	24.2	6.95	1413	8	0.33	47.8	2400	34.67
1123	24.2	6.95	1410	7	0.31	44.7	3000	34.67
1126	24.3	6.94	1415	7	0.34	41.8	3600	34.67

Did well dewater? Yes No Amount actually evacuated: 3.6L

Sampling Time: 1127 Sampling Date: 11-5-20

Sample I.D.: MW-12 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See loc

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11.5.20</u>
Well I.D.: <u>MW-15R</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>52.22</u>	Depth to Water: Pre: <u>33.03</u> Post: <u>33.21</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVE)</u> Grade	Flow Cell Type: YSI 556

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

Start Purge Time: 1019 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 mL)	Depth to water
1022	25.7	7.39	1464	16	1.03	-20.6	1000	33.17
1025	25.9	7.42	1470	15	0.96	-24.9	1200	33.21
1028	26.0	7.43	1475	11	0.88	-26.7	1800	33.21
1031	26.2	7.44	1479	10	0.81	-30.9	2400	33.21
1034	26.3	7.44	1480	8	0.79	-33.6	3000	33.21
1037	26.3	7.44	1485	7	0.75	-37.9	3600	33.21
1040	26.4	7.44	1488	7	0.73	-38.4	4200	33.21

Did well dewater? Yes (No) Amount actually evacuated: 4200

Sampling Time: 1041 Sampling Date: 11.5.20

Sample I.D.: MW-15R 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 #: 201102-KT1	Client: KMEP
Sampler: KT	Start Date: 11.6.20
Well I.D.: MW-18 (MID)	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 65.53	Depth to Water: Pre: 34.83 Post: 35.01
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: 0829 Flow Rate: 200 mL/MIN Pump Depth: 62

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
0832	24.1	7.31	2784	34	2.09	-29.6	600	35.00
0835	24.2	7.26	2797	29	2.00	-33.7	1200	35.01
0838	24.2	7.25	2811	24	1.94	-38.4	1800	35.01
0841	24.2	7.22	2820	21	1.74	-40.5	2400	35.01
0844	24.3	7.18	2818	18	1.59	-44.7	3000	35.01
0847	24.3	7.15	2815	15	1.54	-49.6	3600	35.01
0850	24.3	7.14	2814	13	1.51	-50.4	4200	35.01
0853	24.3	7.12	2812	12	1.47	-51.6	4800	35.01

Did well dewater? Yes No Amount actually evacuated: 4800

Sampling Time: 0854 Sampling Date: 11.6.20

Sample I.D.: MW-18 (MID) 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 #: 201102-GG1	Client: KMEP
Sampler: KT	Start Date: 11.3.20
Well I.D.: MW-19 (M19)	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 62.02	Depth to Water: Pre: 40.40 Post: 40.49
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: 1432 Flow Rate: 200 mL/min Pump Depth: 58'

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
1435	23.2	6.99	2584	9	1.48	-5.3	600	40.48
1438	23.4	7.03	2594	8	1.51	-6.2	1200	40.49
1441	23.5	7.06	2605	7	1.47	-5.9	1800	40.49
1444	23.5	7.07	2612	7	1.45	-5.4	2400	40.49
1447	23.5	7.09	2616	6	1.44	-5.3	3000	40.49

Did well dewater? Yes No Amount actually evacuated: 3000

Sampling Time: 1448 Sampling Date: 11.3.20

Sample I.D.: MW-19 (M19) 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>201102-145-1</u>	Client: KMEP
Sampler: <u>66</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>MW-20(M10)</u>	Well Diameter: 2 3 (4) 6 8 _____
Total Well Depth: <u>56.63</u>	Depth to Water: Pre: <u>38.90</u> Post: <u>38.94</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>EVC</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: 1349 Flow Rate: 100 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 ml)	Depth to water
1352	23.4	7.11	2357	13	1.41	11.0	300	38.92
1355	23.5	7.08	2388	9	1.88	6.3	600	38.94
1358	23.5	7.03	2391	7	1.92	0.1	900	38.94
1401	23.6	6.99	2419	6	2.11	-4.7	1200	38.94
1404	23.6	6.99	2437	6	2.17	-8.9	1500	38.94
1407	23.7	7.01	2441	5	2.20	-11.4	1800	38.94

Did well dewater? Yes **(NO)** Amount actually evacuated: 1.8L

Sampling Time: 1408 Sampling Date: 11-5-20

Sample I.D.: MW-20(M10) Laboratory: **Alpha Analytical**

Analyzed for: **TPHg TPHfp VOC's MTBE** Other: See Lab

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-66-1</u>	Client: KMEP
Sampler: <u>GL</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>MW-21</u>	Well Diameter: 2 3 4 6 8 _____
Total Well Depth: <u>62.08</u>	Depth to Water: Pre: <u>36.51</u> Post: <u>36.55</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVØ</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: 1421 Flow Rate: 200 mL 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
1424	23.7	7.11	1726	31	0.84	-54.8	600	36.55
1427	23.8	7.07	1730	26	0.79	-59.1	1200	36.55
1430	23.8	7.05	1728	20	0.49	-62.6	1800	36.55
1433	23.7	7.02	1727	17	0.41	-66.9	2400	36.55
1436	23.7	7.02	1733	16	0.35	-69.4	3000	36.55
1439	23.7	7.01	1736	16	0.35	-72.7	3600	36.55

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>36L</u>
Sampling Time: <u>1440</u>	Sampling Date: <u>11-5-20</u>
Sample I.D.: <u>MW-21</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.: <u>DUP-1</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102 KT-1	Client: KMEP
Sampler: FA	Start Date: 11/09/20
Well I.D.: MW-0-2	Well Diameter: 2 3 4 6 8
Total Well Depth: 39.88	Depth to Water: Pre: 30.60 Post: 30.87
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: 0943 Flow Rate: 200 mL/min Pump Depth: 38'

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
0946	22.2	6.90	1812	62	4.23	-153.4	600	30.71
0949	21.5	6.94	1826	47	3.55	-153.4	1200	30.76
0952	20.3	6.93	1818	35	3.63	-143.6	1800	30.79
0955	20.0	6.91	1813	34	3.42	-140.4	2400	30.81
0958	20.1	6.88	1814	35	3.37	-135.7	3000	30.84
1001	19.7	6.87	1820	36	3.35	-132.0	3600	30.87

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: 3600 mL
Sampling Time: 1003	Sampling Date: 11/09/20
Sample I.D.: MW-0-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: See COC
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-KT1</u>	Client: <u>KMEP</u>
Sampler: <u>KT</u>	Start Date: <u>11.6.20</u>
Well I.D.: <u>mw-SF-1</u>	Well Diameter: 2 3 4 <u>6</u> 8 _____
Total Well Depth: <u>41.14</u>	Depth to Water: Pre: <u>37.39</u> Post: <u>37.46</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: 1058 Flow Rate: 150 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
1101	24.4	7.54	2784	34	1.23	34.0	450	37.46
1104	24.8	7.49	2786	26	1.09	33.8	900	37.46
1107	24.7	7.44	2790	21	0.84	33.4	1350	37.46
1110	24.5	7.43	2789	18	0.79	33.0	1800	37.46
1113	24.8	7.41	2785	15	0.73	32.6	2250	37.46
1116	24.8	7.40	2776	11	0.69	33.2	2700	37.46
1119	24.7	7.39	2771	10	0.67	33.5	3150	37.46
1122	24.7	7.39	2768	10	0.64	33.6	3600	37.46

Did well dewater? Yes No Amount actually evacuated: 3600

Sampling Time: 1123 Sampling Date: 11.6.20

Sample I.D.: MW-SF-1 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>201102-KT1</u>	Client: <u>KMEP</u>
Sampler: <u>KT</u>	Start Date: <u>11.6.20</u>
Well I.D.: <u>MW-SF-4</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>40.12</u>	Depth to Water: Pre: <u>37.46</u> Post: <u>37.52</u>
Depth to Free Product: <u>—</u>	Thickness of Free Product (feet): <u>—</u>
Referenced to: <u>PVG</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: 1011 Flow Rate: 200 mL/min Pump Depth: 39'

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or <u>ML</u>)	Depth to water
1014	26.2	7.43	2307	34	1.44	-36.4	600	37.52
1017	26.3	7.45	2300	30	1.36	-39.9	1200	37.52
1020	26.3	7.46	2310	22	1.34	-40.4	1800	37.52
1023	26.3	7.47	2303	16	1.29	-43.6	2400	37.52
1026	26.4	7.47	2311	18	1.25	-49.7	3000	37.52
1029	26.4	7.47	2313	19	1.22	-51.4	3600	37.52
1032	26.4	7.47	2314	18	1.21	-53.2	4200	37.52

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1033 Sampling Date: 11.6.20

Sample I.D.: MW-SF4 Laboratory: Alpha Analytical

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

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102KT-1</u>	Client: <u>KMEP</u>
Sampler: <u>FA</u>	Start Date: <u>11/09/20</u>
Well I.D.: <u>MW-SF-6</u>	Well Diameter: 2 3 4 <u>6</u> 8
Total Well Depth: <u>41.20</u>	Depth to Water: Pre: <u>35.35</u> Post: <u>35.63</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: 0756 Flow Rate: 100mL/min Pump Depth: 40'

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
0759	22.9	7.11	3096	187	1.63	-113.5	300	35.57
0802	23.0	7.13	3102	181	1.48	-115.4	600	35.60
0805	22.8	7.13	3102	168	1.44	-116.3	900	35.61
0808	22.7	7.14	3086	281	1.23	-123.8	1200	35.62
0811	22.8	7.14	3085	273	1.15	-128.5	1500	35.62
0814	23.3	7.15	3072	265	1.12	-132.3	1800	35.63
0817	23.5	7.15	3071	259	1.08	-136.0	2100	35.63

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>2100mL</u>
Sampling Time: <u>0819</u>	Sampling Date: <u>11/09/20</u>
Sample I.D.: <u>MW-SF-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.: _____ @ _____ Time	Duplicate I.D.: _____

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TR-6 @ 0700

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>Z01102-15T-1</u>	Client: KMEP
Sampler: <u>GL</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>MW-SF-13</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>38.70</u>	Depth to Water: Pre: <u>32.05</u> Post: <u>32.09</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(V)</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: 1007 Flow Rate: 100ml/min Pump Depth: 37'

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
1010	25.0	7.20	3102	29	0.61	-169.9	300	32.09
1013	25.0	7.12	3119	21	0.62	-177.7	600	32.09
1016	25.0	7.10	3137	17	0.39	-187.7	900	32.09
1019	25.1	7.07	3142	17	0.31	-192.2	1200	32.09
1022	25.1	7.05	3148	15	0.27	-192.3	1500	32.09
1025	25.2	7.03	3159	14	0.25	-200.1	1900	32.09
1028	25.2	7.03	3160	14	0.21	-204.6	2100	32.09

Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Amount actually evacuated: <u>200</u>
Sampling Time: <u>1030</u>	Sampling Date: <u>11-6-20</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>See Acc</u>
Equipment Blank I.D.: @ _____	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-KT1	Client: KMEP
Sampler: KT	Start Date: 11.6.20
Well I.D.: MW-SF-15	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 43.60	Depth to Water: Pre: 36.72 Post: 36.78
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: 1244 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
1247	20.0	7.43	2354	39	1.74	-96.4	600	36.79
1250	20.8	7.46	2370	33	1.33	-95.3	1200	36.80
1253	20.9	7.47	2309	31	1.16	-96.2	1800	36.80
1255	20.9	7.47	2378	29	0.96	-98.5	2400	36.80
1258	21.0	7.48	2384	18	0.90	-97.9	3000	36.80
1301	21.1	7.49	2390	15	0.85	-96.9	3600	36.80
1304	21.2	7.49	2394	15	0.83	-97.2	4200	36.80

Did well dewater? Yes No Amount actually evacuated: 4200

Sampling Time: 1306 Sampling Date: 11.6.20

Sample I.D.: MW-SF-15 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 #: <u>201102-147-1</u>	Client: <u>KMEP</u>
Sampler: <u>GA</u>	Start Date: <u>11-5-20</u>
Well I.D.: <u>PW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>60.00</u>	Depth to Water: Pre: <u>33.05</u> Post: <u>33.22</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> <u>Grade</u>	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: 0937 Flow Rate: 300 ml/min Pump Depth: 49'

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
0940	22.7	7.10	1944	73	0.47	11.6	400	33.20
0943	22.8	7.15	1950	66	0.39	-9.1	1800	33.22
0946	22.7	7.13	1953	61	0.32	-39.9	2700	33.22
0949	22.7	7.10	1957	54	0.28	-47.6	3600	33.22
0952	22.8	7.10	1956	51	0.26	-52.1	4500	33.22
0955	22.8	7.11	1953	50	0.21	-55.8	5400	33.22

Did well dewater? Yes No Amount actually evacuated: 5.4L

Sampling Time: 0956 Sampling Date: 11-5-20

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

Analyzed for: TPHg TPHfp VOC's MTBE Other: Sel. Cec

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

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-15T-1</u>	Client: <u>KMEP</u>
Sampler: <u>GR</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>P2-2</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>48.63</u>	Depth to Water: Pre: <u>32.66</u> Post: <u>32.78</u>
Depth to Free Product:	Thickness of Free Product (feet):
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: 0831 Flow Rate: 200 mL/min Pump Depth: 46'

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
<u>0834</u>	<u>25.1</u>	<u>6.90</u>	<u>2354</u>	<u>37</u> 2354	<u>1.00</u>	<u>-28.7</u>	<u>600</u>	<u>32.73</u>
<u>0837</u>	<u>25.4</u>	<u>6.82</u>	<u>2360</u>	<u>31</u> 2360	<u>0.86</u>	<u>-36.7</u>	<u>1200</u>	<u>32.78</u>
<u>0840</u>	<u>25.4</u>	<u>6.78</u>	<u>2363</u>	<u>30</u>	<u>0.81</u>	<u>-41.8</u>	<u>1800</u>	<u>32.78</u>
<u>0843</u>	<u>25.5</u>	<u>6.77</u>	<u>2365</u>	<u>28</u>	<u>0.72</u>	<u>-43.9</u>	<u>2400</u>	<u>32.78</u>
<u>0846</u>	<u>25.5</u>	<u>6.72</u>	<u>2371</u>	<u>28</u>	<u>0.74</u>	<u>-47.3</u>	<u>3000</u>	<u>32.78</u>
<u>0849</u>	<u>25.6</u>	<u>6.72</u>	<u>2373</u>	<u>27</u>	<u>0.71</u>	<u>-50.1</u>	<u>3600</u>	<u>32.78</u>

Did well dewater? Yes (No) Amount actually evacuated: 3.6L

Sampling Time: 0850 Sampling Date: 11-6-20

Sample I.D.: P2-2 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See Cal

Equipment Blank I.D.: @ Time Duplicate I.D.: DUP-4

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-07-1</u>	Client: KMEP
Sampler: <u>W</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>PZ-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>37.73</u>	Depth to Water: Pre: <u>26.72</u> Post: <u>26.88</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVD</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: 1157 Flow Rate: 200ml/min Pump Depth: 36

Time	Temp. (C 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>1200</u>	<u>23.7</u>	<u>7.30</u>	<u>2119</u>	<u>14</u>	<u>0.52</u>	<u>-41.7</u>	<u>600</u>	<u>26.79</u>
<u>1203</u>	<u>23.7</u>	<u>7.21</u>	<u>2210</u>	<u>11</u>	<u>0.40</u>	<u>-51.2</u>	<u>1200</u>	<u>26.84</u>
<u>1206</u>	<u>23.8</u>	<u>7.16</u>	<u>2266</u>	<u>10</u>	<u>0.33</u>	<u>-58.4</u>	<u>1800</u>	<u>26.88</u>
<u>1209</u>	<u>23.8</u>	<u>7.15</u>	<u>2287</u>	<u>9</u>	<u>0.30</u>	<u>-63.2</u>	<u>2400</u>	<u>26.88</u>
<u>1212</u>	<u>23.9</u>	<u>7.15</u>	<u>2313</u>	<u>9</u>	<u>0.27</u>	<u>-68.4</u>	<u>3000</u>	<u>26.88</u>
<u>1215</u>	<u>23.9</u>	<u>7.14</u>	<u>2324</u>	<u>8</u>	<u>0.29</u>	<u>-71.9</u>	<u>3600</u>	<u>26.88</u>

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>36L</u>
Sampling Time: <u>1216</u>	Sampling Date: <u>11-6-20</u>
Sample I.D.: <u>PZ-5</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See lab</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.: <u>PVP-6</u>

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-1661	Client: KMEP
Sampler: KT	Start Date: 11.3.20
Well I.D.: WCV-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: 52.40	Depth to Water: Pre: 35.08 Post: 35.14
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: 1030 Flow Rate: 300ml/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
1041	23.6	7.47	2259	24	1.02	54.9	900	35.13
1044	23.6	7.45	2362	20	0.75	50.2	1800	35.14
1047	23.7	7.43	2364	19	0.73	50.0	2700	35.14
1050	23.7	7.42	2366	18	0.69	49.6	3600	35.14
1053	23.6	7.42	2369	17	0.70	48.7	4500	35.14

Did well dewater? Yes <u>No</u>	Amount actually evacuated: 4500
Sampling Time: 1054	Sampling Date: 11.3.20
Sample I.D.: WCV-2	Laboratory: Alpha Analytical
Analyzed for: TPHg TPHfp VOC's MTBE	Other: SEE LOG
Equipment Blank I.D.: @ <small>Time</small>	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: 201102-661	Client: KMEP
Sampler: KT	Start Date: 11.3.20
Well I.D.: WCV-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 90.52	Depth to Water: Pre: 36.13 Post: 36.21
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: 1325 Flow Rate: 1325 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
1328	22.6	7.31	2863	3	0.88	49.6	600	36.21
1331	22.8	7.31	2880	6	0.87	48.2	1200	36.21
1334	22.9	7.30	2893	4	0.79	47.1	1800	36.21
1337	23.0	7.29	2900	4	0.76	43.3	2400	36.21
1340	23.1	7.29	2903	3	0.75	41.9	3000	36.21
1343	23.2	7.30	2911	3	0.74	40.5	3600	36.21

Did well dewater? Yes No Amount actually evacuated: 3600

Sampling Time: 1344 Sampling Date: 11.3.20

Sample I.D.: WCV-3 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>201107-MT-1</u>	Client: KMEP
Sampler: <u>Ga</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>WCW-4</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth: <u>4162</u>	Depth to Water: Pre: <u>38.38</u> Post: <u>38.40</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVD</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: 1311 Flow Rate: 200 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
1314	<u>22.7</u>	<u>7.12</u>	<u>3426</u>	<u>33</u>	<u>1.11</u>	<u>-50.8</u>	<u>600</u>	<u>38.40</u>
1317	<u>22.9</u>	<u>7.10</u>	<u>3420</u>	<u>29</u>	<u>0.96</u>	<u>-56.9</u>	<u>1200</u>	<u>38.40</u>
1320	<u>22.9</u>	<u>7.10</u>	<u>3417</u>	<u>26</u>	<u>0.98</u>	<u>-62.8</u>	<u>1800</u>	<u>38.40</u>
1323	<u>23.0</u>	<u>7.09</u>	<u>3411</u>	<u>23</u>	<u>0.71</u>	<u>-69.4</u>	<u>2400</u>	<u>38.40</u>
1326	<u>23.0</u>	<u>7.09</u>	<u>3413</u>	<u>23</u>	<u>0.69</u>	<u>-72.4</u>	<u>3000</u>	<u>38.40</u>
1329	<u>23.0</u>	<u>7.09</u>	<u>3407</u>	<u>22</u>	<u>0.63</u>	<u>-73.9</u>	<u>3600</u>	<u>38.40</u>

Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/>	Amount actually evacuated: <u>3.6L</u>
Sampling Time: <u>1330</u>	Sampling Date: <u>11-3-20</u>
Sample I.D.: <u>WCW-4</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: TPHg TPHfp VOC's MTBE	Other: <u>See Lab</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-</u>	Client: KMEP
Sampler: <u>Gra</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>WCW-5</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>50.36</u>	Depth to Water: Pre: <u>33.00</u> Post: <u>33.23</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>eye</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: 1110 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
1113	23.1	7.16	2768	23	0.47	52.1	600	33.14
1116	23.5	7.07	2766	18	0.39	43.2	1200	33.23
1119	23.7	7.05	2761	16	0.31	40.3	1800	33.23
1122	23.7	7.03	2760	16	0.27	37.4	2400	33.23
1125	23.8	7.03	2757	15	0.23	36.0	3000	33.23

Did well dewater? Yes <u>(No)</u>	Amount actually evacuated: <u>3.0L</u>
Sampling Time: <u>1126</u>	Sampling Date: <u>11-3-20</u>
Sample I.D.: <u>WCW-5</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See Ccc</u>
Equipment Blank I.D.: _____ @ _____ Time	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>200402-14t-1</u>	Client: KMEP
Sampler: <u>677</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>WCW-6</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>51.00</u>	Depth to Water: Pre: <u>34.92</u> Post: <u>34.98</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>RVD</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: 11:59 Flow Rate: 200 ml/min Pump Depth: 48.00

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
1202	23.0	6.86	2691	12	0.86	-76.2	600	34.98
1205	23.3	6.85	2707	10	0.23	-80.0	1200	34.98
1208	23.4	6.85	2724	9	0.17	-83.8	1800	34.98
1211	23.5	6.85	2739	9	0.12	-85.7	2400	34.98
1214	23.5	6.85	2742	8	0.10	-87.9	3000	34.98

Did well dewater? Yes No Amount actually evacuated: 3.0L

Sampling Time: 1215 Sampling Date: 11-3-20

Sample I.D.: WCW-6 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>20H02-15T-1</u>	Client: KMEP
Sampler: <u>626</u>	Start Date: <u>11-6-20</u>
Well I.D.: <u>WCW-7</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>—</u>	Depth to Water: Pre: <u>—</u> 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

Obstruction in well -
 unable to detect water level or
 lower pump in well -

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>201102-15T-1</u>	Client: KMEP
Sampler: <u>615</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>WCW-8</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth: <u>57.43</u>	Depth to Water: Pre: <u>37.24</u> Post: <u>37.33</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	Flow Cell Type: YSI 556

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1230 Flow Rate: 200ml/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
1233	22.7	7.33	3311	36	1.13	-50.7	600	37.28
1236	22.9	7.21	3418	24	0.97	-56.8	1200	37.33
1239	23.0	7.20	3437	18	0.64	-63.2	1800	37.33
1242	23.0	7.20	3441	16	0.53	-66.9	2400	37.33
1245	23.1	7.19	3455	16	0.49	-70.1	3000	37.33
1248	23.1	7.19	3462	15	0.47	-73.4	3600	37.33

Did well dewater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Amount actually evacuated: <u>3600</u>
Sampling Time: <u>1250</u>	Sampling Date: <u>11-3-20</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 Log</u>
Equipment Blank I.D.: <u>@</u> Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-661</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>WCW-12</u>	Well Diameter: 2 3 <u>(4)</u> 6 8
Total Well Depth: <u>79.96</u>	Depth to Water: Pre: <u>36.60</u> Post: <u>36.68</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: 1104 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
1107	22.4	7.47	1970	503	1.72	33.9	600	36.67
1110	22.4	7.49	1973	467	1.69	32.4	1200	36.68
1113	22.4	7.51	1975	441	1.65	32.1	1800	36.68
1116	22.5	7.52	1981	392	1.63	31.6	2400	36.68
1119	22.5	7.52	1987	388	1.60	30.5	3000	36.68
1122	22.5	7.51	1990	330	1.59	30.4	3600	36.68
1125	22.5	7.52	1992	331	1.60	30.3	4200	36.68

Did well dewater? Yes <input type="radio"/> <u>(No)</u>	Amount actually evacuated: <u>4200</u>
Sampling Time: <u>1124</u>	Sampling Date: <u>11-3-20</u>
Sample I.D.: <u>WCW-12</u>	Laboratory: <u>Alpha Analytical</u>
Analyzed for: <u>TPHg TPHfp VOC's MTBE</u>	Other: <u>See POC</u>
Equipment Blank I.D.: <u>@</u>	Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

Project #: <u>201102-G611</u>	Client: KMEP
Sampler: <u>KT</u>	Start Date: <u>11-3-20</u>
Well I.D.: <u>WCW-13</u>	Well Diameter: 2 3 <u>(4)</u> 6 8 _____
Total Well Depth: <u>60.40</u>	Depth to Water: Pre: <u>38.52</u> Post: <u>38.66</u>
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: 11/1 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 mL)	Depth to water
1144	23.8	7.24	2041	196	0.87	35.6	600	38.66
1147	23.7	7.21	2038	190	0.85	34.3	1200	38.66
1150	23.7	7.20	2036	181	0.83	34.6	1800	38.66
1153	23.8	7.19	2035	175	0.81	33.0	2400	38.66
1156	23.8	7.19	2031	172	0.75	32.6	3000	38.66
1159	23.8	7.19	2032	170	0.74	32.2	3600	38.66

Did well dewater? Yes (No) Amount actually evacuated: 3600

Sampling Time: 1200 Sampling Date: 11-3-20

Sample I.D.: WCW-13 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 #: 201102- 06 -1	Client: KMEP
Sampler: KT	Start Date: 11.3.20
Well I.D.: wcw-14	Well Diameter: 2 3 (4) 6 8
Total Well Depth: 58.79	Depth to Water: Pre: 39.44 Post: 39.52
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: 1221 Flow Rate: 200 ml/min Pump Depth: 52'

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
1224	22.3	7.27	2301	164	1.69	93.9	600	39.52
1227	22.5	7.34	2294	151	1.55	95.6	1200	39.52
1230	22.7	7.39	2280	124	1.51	97.7	1800	39.52
1233	22.8	7.39	2280	127	1.48	99.5	2400	39.52
1236	22.8	7.40	2280	126	1.44	99.9	3000	39.52

Did well dewater? Yes (No)	Amount actually evacuated: 3000
Sampling Time: 1237	Sampling Date: 11.3.20
Sample I.D.: wcw-14	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.:

APPENDIX B
LABORATORY REPORTS (CD ROM ONLY)



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

November 06, 2020

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GW Sampling / 04-NDLA-013

A5333803 / 0J19018

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/19/20 15:54 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 gray circular stamp.

Viorel Vasile

Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	OJ19018-01	Water	5	10/19/20 06:00	10/19/20 15:54
QCEB-1	OJ19018-12	Water	5	10/19/20 08:00	10/19/20 15:54

8260B+OXYGENATES

GMW-64	OJ19018-02	Water	5	10/19/20 08:35	10/19/20 15:54
GMW-63	OJ19018-03	Water	5	10/19/20 09:10	10/19/20 15:54
GMW-65	OJ19018-04	Water	5	10/19/20 09:45	10/19/20 15:54
GMW-67	OJ19018-05	Water	5	10/19/20 10:10	10/19/20 15:54
DUP-1	OJ19018-06	Water	5	10/19/20 00:00	10/19/20 15:54
GMW-69	OJ19018-07	Water	5	10/19/20 10:55	10/19/20 15:54
GMW-62	OJ19018-08	Water	5	10/19/20 11:30	10/19/20 15:54
MW-24	OJ19018-09	Water	5	10/19/20 12:30	10/19/20 15:54
GW-8	OJ19018-10	Water	5	10/19/20 13:10	10/19/20 15:54
MW-26	OJ19018-11	Water	5	10/19/20 13:45	10/19/20 15:54

Diesel Range Organics 8015M

GMW-64	OJ19018-02	Water	5	10/19/20 08:35	10/19/20 15:54
GMW-63	OJ19018-03	Water	5	10/19/20 09:10	10/19/20 15:54
GMW-65	OJ19018-04	Water	5	10/19/20 09:45	10/19/20 15:54
GMW-67	OJ19018-05	Water	5	10/19/20 10:10	10/19/20 15:54

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
DUP-1	OJ19018-06	Water	5	10/19/20 00:00	10/19/20 15:54
GMW-69	OJ19018-07	Water	5	10/19/20 10:55	10/19/20 15:54
GMW-62	OJ19018-08	Water	5	10/19/20 11:30	10/19/20 15:54
MW-24	OJ19018-09	Water	5	10/19/20 12:30	10/19/20 15:54
GW-8	OJ19018-10	Water	5	10/19/20 13:10	10/19/20 15:54
MW-26	OJ19018-11	Water	5	10/19/20 13:45	10/19/20 15:54
QCEB-1	OJ19018-12	Water	5	10/19/20 08:00	10/19/20 15:54

Gasoline Range Organics 8015M

GMW-64	OJ19018-02	Water	5	10/19/20 08:35	10/19/20 15:54
GMW-63	OJ19018-03	Water	5	10/19/20 09:10	10/19/20 15:54
GMW-65	OJ19018-04	Water	5	10/19/20 09:45	10/19/20 15:54
GMW-67	OJ19018-05	Water	5	10/19/20 10:10	10/19/20 15:54
DUP-1	OJ19018-06	Water	5	10/19/20 00:00	10/19/20 15:54
GMW-69	OJ19018-07	Water	5	10/19/20 10:55	10/19/20 15:54
GMW-62	OJ19018-08	Water	5	10/19/20 11:30	10/19/20 15:54
MW-24	OJ19018-09	Water	5	10/19/20 12:30	10/19/20 15:54
GW-8	OJ19018-10	Water	5	10/19/20 13:10	10/19/20 15:54
MW-26	OJ19018-11	Water	5	10/19/20 13:45	10/19/20 15:54

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	
AA ID No:	OJ19018-01	OJ19018-12	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<10	48	10
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)	<10	19	10
tert-Butyl Alcohol (TBA)	<10	18	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	1.5	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	
AA ID No:	OJ19018-01	OJ19018-12	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	
AA ID No:	OJ19018-01	OJ19018-12	
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	102%	101%	80-129
Dibromofluoromethane	112%	111%	68-137
Toluene-d8	97%	97%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	OJ19018-02	OJ19018-03	OJ19018-04	OJ19018-05	
Client ID No:	GMW-64	GMW-63	GMW-65	GMW-67	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	23	<10	36	<10	10
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)	<10	<10	<10	<10	10
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	1.1	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	0.59	0.50
n-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
Carbon Disulfide	<0.50	0.65	0.54	<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	2.8	<0.50	3.6	0.96	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	OJ19018-02	OJ19018-03	OJ19018-04	OJ19018-05	
Client ID No:	GMW-64	GMW-63	GMW-65	GMW-67	
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)	<10	<10	<10	<10	10
Isopropylbenzene	<0.50	<0.50	<0.50	10	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	10
Naphthalene	<2.0	<2.0	<2.0	<2.0	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	6.6	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	OJ19018-02	OJ19018-03	OJ19018-04	OJ19018-05	
Client ID No:	GMW-64	GMW-63	GMW-65	GMW-67	
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	102%	101%	104%	97%	80-129
Dibromofluoromethane	119%	118%	119%	117%	68-137
Toluene-d8	92%	90%	93%	92%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

	10/19/20	10/19/20	10/19/20	10/19/20	
Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	0J19018-06	0J19018-07	0J19018-08	0J19018-09	
Client ID No:	DUP-1	GMW-69	GMW-62	MW-24	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	2	2	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	19	<20	<20	18	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<4.0	<4.0	<2.0	2.0
Benzene	<0.50	110	150	<0.50	0.50
Bromobenzene	<0.50	<1.0	<1.0	<0.50	0.50
Bromochloromethane	<0.50	<1.0	<1.0	<0.50	0.50
Bromodichloromethane	<0.50	<1.0	<1.0	<0.50	0.50
Bromoform	<0.50	<1.0	<1.0	<0.50	0.50
Bromomethane	<0.50	<1.0	<1.0	<0.50	0.50
2-Butanone (MEK)	<10	<20	<20	<10	10
tert-Butyl Alcohol (TBA)	<10	<20	<20	<10	10
sec-Butylbenzene	1.1	6.7	2.5	<0.50	0.50
tert-Butylbenzene	0.57	1.1	<1.0	<0.50	0.50
n-Butylbenzene	<0.50	2.8	<1.0	<0.50	0.50
Carbon Disulfide	<0.50	2.1	2.7	<0.50	0.50
Carbon Tetrachloride	<0.50	<1.0	<1.0	<0.50	0.50
Chlorobenzene	<0.50	<1.0	<1.0	<0.50	0.50
Chloroethane	<0.50	<1.0	<1.0	<0.50	0.50
Chloroform	<0.50	<1.0	<1.0	<0.50	0.50
Chloromethane	4.7	<1.0	<1.0	<0.50	0.50
2-Chlorotoluene	<0.50	<1.0	<1.0	<0.50	0.50
4-Chlorotoluene	<0.50	<1.0	<1.0	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<2.0	<2.0	<1.0	1.0
Dibromochloromethane	<0.50	<1.0	<1.0	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<1.0	<1.0	<0.50	0.50
Dibromomethane	<0.50	<1.0	<1.0	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<1.0	<1.0	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<1.0	<1.0	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	0J19018-06	0J19018-07	0J19018-08	0J19018-09	
Client ID No:	DUP-1	GMW-69	GMW-62	MW-24	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	2	2	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<1.0	<1.0	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<1.0	<1.0	<0.50	0.50
1,1-Dichloroethane	<0.50	<1.0	<1.0	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<1.0	<1.0	<0.50	0.50
1,1-Dichloroethylene	<0.50	<1.0	<1.0	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<1.0	<1.0	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	<1.0	<1.0	<0.50	0.50
1,2-Dichloropropane	<0.50	<1.0	<1.0	<0.50	0.50
2,2-Dichloropropane	<0.50	<1.0	<1.0	<0.50	0.50
1,3-Dichloropropane	<0.50	<1.0	<1.0	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<1.0	<1.0	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<1.0	<1.0	<0.50	0.50
1,1-Dichloropropylene	<0.50	<1.0	<1.0	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<4.0	<4.0	<2.0	2.0
Ethylbenzene	<0.50	21	100	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<4.0	<4.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<2.0	<2.0	<1.0	1.0
2-Hexanone (MBK)	<10	<20	<20	<10	10
Isopropylbenzene	9.4	45	16	<0.50	0.50
4-Isopropyltoluene	<1.0	<2.0	5.2	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	<2.4	<2.4	<1.2	1.2
Methylene Chloride	<5.0	<10	<10	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<20	<20	<10	10
Naphthalene	<2.0	14	10	<2.0	2.0
n-Propylbenzene	6.0	43	15	<0.50	0.50
Styrene	<0.50	<1.0	<1.0	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<1.0	<1.0	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	0J19018-06	0J19018-07	0J19018-08	0J19018-09	
Client ID No:	DUP-1	GMW-69	GMW-62	MW-24	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	2	2	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<1.0	<1.0	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<1.0	<1.0	<0.50	0.50
Toluene	<0.50	<1.0	<1.0	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<1.0	<1.0	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<1.0	<1.0	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<1.0	<1.0	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<1.0	<1.0	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<1.0	<1.0	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<1.0	<1.0	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<1.0	<1.0	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<1.0	<1.0	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	<1.0	5.8	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<1.0	39	<0.50	0.50
Vinyl chloride	<0.50	<1.0	<1.0	<0.50	0.50
o-Xylene	<0.50	<1.0	9.3	<0.50	0.50
m,p-Xylenes	<1.0	<2.0	130	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	100%	97%	97%	100%	80-129
Dibromofluoromethane	118%	117%	116%	116%	68-137
Toluene-d8	94%	94%	94%	93%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/23/20	
AA ID No:	0J19018-10	0J19018-11	
Client ID No:	GW-8	MW-26	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Compound	Result 1	Result 2	MRL
Acetone	18	<10	10
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)	<10	<10	10
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	0.64	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/23/20	
AA ID No:	0J19018-10	0J19018-11	
Client ID No:	GW-8	MW-26	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/23/20	
AA ID No:	0J19018-10	0J19018-11	
Client ID No:	GW-8	MW-26	
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	101%	102%	80-129
Dibromofluoromethane	115%	117%	68-137
Toluene-d8	92%	93%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: mg/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Analyzed:	10/27/20	10/27/20	10/27/20	10/27/20	
AA ID No:	OJ19018-02	OJ19018-03	OJ19018-04	OJ19018-05	
Client ID No:	GMW-64	GMW-63	GMW-65	GMW-67	
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	81%	85%	81%	82%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: mg/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Analyzed:	10/27/20	10/27/20	10/27/20	10/27/20	
AA ID No:	0J19018-06	0J19018-07	0J19018-08	0J19018-09	
Client ID No:	DUP-1	GMW-69	GMW-62	MW-24	
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	0.30	1.0	<0.10	0.10
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Surrogates

o-Terphenyl	76%	81%	83%	90%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: mg/L

Date Sampled:	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/21/20	10/21/20	10/21/20	
Date Analyzed:	10/27/20	10/27/20	10/27/20	
AA ID No:	0J19018-10	0J19018-11	0J19018-12	
Client ID No:	GW-8	MW-26	QCEB-1	
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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Surrogates

o-Terphenyl	85%	84%	83%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20
AA ID No:	OJ19018-02	OJ19018-03	OJ19018-04	OJ19018-05
Client ID No:	GMW-64	GMW-63	GMW-65	GMW-67
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	110	100
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Surrogates

a,a,a-Trifluorotoluene	87%	88%	90%	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	10/22/20	10/22/20	
AA ID No:	0J19018-06	0J19018-07	0J19018-08	0J19018-09	
Client ID No:	DUP-1	GMW-69	GMW-62	MW-24	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	5	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	100	930	1600	<100	100
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Surrogates

a,a,a-Trifluorotoluene	96%	98%	91%	87%	%REC Limits 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20
Units: ug/L

Date Sampled:	10/19/20	10/19/20	
Date Prepared:	10/22/20	10/22/20	
Date Analyzed:	10/22/20	10/22/20	
AA ID No:	0J19018-10	0J19018-11	
Client ID No:	GW-8	MW-26	
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	85%	88%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B

Blank (B0J2229-BLK1)

Prepared & Analyzed: 10/22/20

Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Blank (B0J2229-BLK1) Continued										
Prepared & Analyzed: 10/22/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Blank (B0J2229-BLK1) Continued										
Prepared & Analyzed: 10/22/20										
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>51.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>55.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>111</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>			
LCS (B0J2229-BS1)										
Prepared & Analyzed: 10/22/20										
Acetone	16.6	10	ug/L	20.0		82.8	27-123			
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0		114	58-133			
Benzene	22.0	0.50	ug/L	20.0		110	60-134			
Bromobenzene	20.1	0.50	ug/L	20.0		100	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	23.9	0.50	ug/L	20.0		120	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.0	68-132			
Bromomethane	24.2	0.50	ug/L	20.0		121	58-142			
2-Butanone (MEK)	22.6	10	ug/L	20.0		113	62-138			
tert-Butyl Alcohol (TBA)	109	10	ug/L	100		109	65-148			
sec-Butylbenzene	20.0	0.50	ug/L	20.0		99.8	84-142			
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
Carbon Disulfide	23.1	0.50	ug/L	20.0		115	17-177			
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	66-155			
Chlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Chloroethane	28.3	0.50	ug/L	20.0		142	45-166			
Chloroform	24.7	0.50	ug/L	20.0		124	71-131			
Chloromethane	26.8	0.50	ug/L	20.0		134	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS (B0J2229-BS1) Continued										
Prepared & Analyzed: 10/22/20										
2-Chlorotoluene	21.3	0.50	ug/L	20.0		106	70-130			
4-Chlorotoluene	21.3	0.50	ug/L	20.0		107	70-130			
1,2-Dibromo-3-chloropropane	21.4	1.0	ug/L	20.0		107	53-145			
Dibromochloromethane	22.3	0.50	ug/L	20.0		112	72-133			
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120			
Dibromomethane	23.0	0.50	ug/L	20.0		115	68-124			
1,3-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	20.5	0.50	ug/L	20.0		102	16-148			
1,1-Dichloroethane	24.7	0.50	ug/L	20.0		123	67-120			QL-06
1,2-Dichloroethane (EDC)	25.7	0.50	ug/L	20.0		128	57-156			
1,1-Dichloroethylene	22.1	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		110	66-126			
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-124			
1,2-Dichloropropane	23.5	0.50	ug/L	20.0		118	53-139			
2,2-Dichloropropane	26.7	0.50	ug/L	20.0		134	44-162			
1,3-Dichloropropane	23.3	0.50	ug/L	20.0		116	79-113			QL-02
cis-1,3-Dichloropropylene	23.8	0.50	ug/L	20.0		119	67-127			
trans-1,3-Dichloropropylene	23.5	0.50	ug/L	20.0		118	76-121			
1,1-Dichloropropylene	24.8	0.50	ug/L	20.0		124	84-124			
Diisopropyl ether (DIPE)	25.1	2.0	ug/L	20.0		126	51-136			
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.4	2.0	ug/L	20.0		112	62-136			
Gasoline Range Organics (GRO)	499	100	ug/L	500		99.9	60-123			
Hexachlorobutadiene	19.1	1.0	ug/L	20.0		95.4	76-140			
2-Hexanone (MBK)	23.2	10	ug/L	20.0		116	52-123			
Isopropylbenzene	20.1	0.50	ug/L	20.0		101	70-130			
4-Isopropyltoluene	21.1	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.6	1.2	ug/L	40.0		119	58-144			
Methylene Chloride	23.6	5.0	ug/L	20.0		118	50-135			
4-Methyl-2-pentanone (MIBK)	20.7	10	ug/L	20.0		104	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS (B0J2229-BS1) Continued										
Prepared & Analyzed: 10/22/20										
Naphthalene	19.9	2.0	ug/L	20.0		99.4	74-128			
n-Propylbenzene	19.4	0.50	ug/L	20.0		97.2	70-130			
Styrene	21.6	0.50	ug/L	20.0		108	84-123			
1,1,1,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	70-130			
1,1,2,2-Tetrachloroethane	22.6	0.50	ug/L	20.0		113	58-126			
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0		103	70-130			
Toluene	22.4	0.50	ug/L	20.0		112	83-118			
1,2,3-Trichlorobenzene	18.4	0.50	ug/L	20.0		91.8	77-134			
1,2,4-Trichlorobenzene	18.9	0.50	ug/L	20.0		94.3	84-128			
1,1,1-Trichloroethane	24.2	0.50	ug/L	20.0		121	66-158			
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		110	75-115			
Trichloroethylene (TCE)	22.0	0.50	ug/L	20.0		110	82-128			
Trichlorofluoromethane (R11)	20.4	0.50	ug/L	20.0		102	65-137			
1,2,3-Trichloropropane	23.8	0.50	ug/L	20.0		119	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.4	0.50	ug/L	20.0		112	62-130			
1,3,5-Trimethylbenzene	20.9	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		100	70-130			
Vinyl chloride	29.5	0.50	ug/L	20.0		148	51-151			
o-Xylene	21.8	0.50	ug/L	20.0		109	70-130			
m,p-Xylenes	44.1	1.0	ug/L	40.0		110	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	48.4		ug/L	50.0		96.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	51.0		ug/L	50.0		102	68-137			
<i>Surrogate: Toluene-d8</i>	49.1		ug/L	50.0		98.2	83-134			
LCS Dup (B0J2229-BSD1)										
Prepared: 10/22/20 Analyzed: 10/23/20										
Acetone	16.3	10	ug/L	20.0		81.6	27-123	1.52	30	
tert-Amyl-Methyl Ether (TAME)	25.2	2.0	ug/L	20.0		126	58-133	9.95	30	
Benzene	25.1	0.50	ug/L	20.0		125	60-134	13.3	30	
Bromobenzene	18.1	0.50	ug/L	20.0		90.4	70-130	10.5	30	
Bromochloromethane	20.5	0.50	ug/L	20.0		102	78-121	3.83	30	
Bromodichloromethane	24.8	0.50	ug/L	20.0		124	74-135	3.82	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS Dup (B0J2229-BSD1) Continued										
Prepared: 10/22/20 Analyzed: 10/23/20										
Bromoform	17.0	0.50	ug/L	20.0		85.1	68-132	15.1	30	
Bromomethane	23.7	0.50	ug/L	20.0		119	58-142	1.75	30	
2-Butanone (MEK)	21.8	10	ug/L	20.0		109	62-138	3.74	30	
tert-Butyl Alcohol (TBA)	117	10	ug/L	100		117	65-148	7.67	30	
sec-Butylbenzene	18.7	0.50	ug/L	20.0		93.4	84-142	6.73	30	
tert-Butylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130	7.54	30	
n-Butylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	6.06	30	
Carbon Disulfide	22.4	0.50	ug/L	20.0		112	17-177	3.04	30	
Carbon Tetrachloride	24.3	0.50	ug/L	20.0		122	66-155	0.577	30	
Chlorobenzene	19.4	0.50	ug/L	20.0		96.9	70-130	10.0	30	
Chloroethane	35.4	0.50	ug/L	20.0		177	45-166	22.1	30	QL-03
Chloroform	25.4	0.50	ug/L	20.0		127	71-131	2.75	30	
Chloromethane	38.7	0.50	ug/L	20.0		193	48-152	36.1	30	QL-03
2-Chlorotoluene	19.7	0.50	ug/L	20.0		98.5	70-130	7.66	30	
4-Chlorotoluene	19.8	0.50	ug/L	20.0		99.2	70-130	7.23	30	
1,2-Dibromo-3-chloropropane	18.2	1.0	ug/L	20.0		91.0	53-145	16.2	30	
Dibromochloromethane	19.7	0.50	ug/L	20.0		98.7	72-133	12.4	30	
1,2-Dibromoethane (EDB)	18.6	0.50	ug/L	20.0		93.2	79-120	14.7	30	
Dibromomethane	23.6	0.50	ug/L	20.0		118	68-124	2.83	30	
1,3-Dichlorobenzene	18.5	0.50	ug/L	20.0		92.6	70-130	8.58	30	
1,2-Dichlorobenzene	19.0	0.50	ug/L	20.0		95.0	70-130	8.13	30	
1,4-Dichlorobenzene	19.1	0.50	ug/L	20.0		95.7	70-130	8.02	30	
Dichlorodifluoromethane (R12)	31.5	0.50	ug/L	20.0		158	16-148	42.5	30	QL-03
1,1-Dichloroethane	24.6	0.50	ug/L	20.0		123	67-120	0.0406	30	QL-06
1,2-Dichloroethane (EDC)	26.8	0.50	ug/L	20.0		134	57-156	4.16	30	
1,1-Dichloroethylene	21.5	0.50	ug/L	20.0		107	50-149	2.94	30	
trans-1,2-Dichloroethylene	21.7	0.50	ug/L	20.0		109	66-126	1.60	30	
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-124	0.180	30	
1,2-Dichloropropane	24.4	0.50	ug/L	20.0		122	53-139	3.71	30	
2,2-Dichloropropane	24.0	0.50	ug/L	20.0		120	44-162	10.9	30	
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113	10.2	30	
cis-1,3-Dichloropropylene	23.7	0.50	ug/L	20.0		118	67-127	0.674	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS Dup (B0J2229-BSD1) Continued										
					Prepared: 10/22/20 Analyzed: 10/23/20					
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0		103	76-121	13.2	30	
1,1-Dichloropropylene	25.4	0.50	ug/L	20.0		127	84-124	2.39	30	QL-03
Diisopropyl ether (DIPE)	26.0	2.0	ug/L	20.0		130	51-136	3.29	30	
Ethylbenzene	20.0	0.50	ug/L	20.0		100	86-124	7.31	30	
Ethyl-tert-Butyl Ether (ETBE)	23.1	2.0	ug/L	20.0		115	62-136	3.04	30	
Gasoline Range Organics (GRO)	506	100	ug/L	500		101	60-123	1.42	30	
Hexachlorobutadiene	17.3	1.0	ug/L	20.0		86.7	76-140	9.50	30	
2-Hexanone (MBK)	20.6	10	ug/L	20.0		103	52-123	11.7	30	
Isopropylbenzene	18.5	0.50	ug/L	20.0		92.5	70-130	8.49	30	
4-Isopropyltoluene	19.8	1.0	ug/L	20.0		99.0	70-130	6.36	30	
Methyl-tert-Butyl Ether (MTBE)	49.7	1.2	ug/L	40.0		124	58-144	4.36	30	
Methylene Chloride	25.1	5.0	ug/L	20.0		125	50-135	6.04	30	
4-Methyl-2-pentanone (MIBK)	18.8	10	ug/L	20.0		94.0	49-139	9.87	30	
Naphthalene	16.7	2.0	ug/L	20.0		83.4	74-128	17.6	30	
n-Propylbenzene	18.0	0.50	ug/L	20.0		90.2	70-130	7.52	30	
Styrene	19.6	0.50	ug/L	20.0		98.2	84-123	9.42	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130	7.67	30	
1,1,2,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	58-126	9.45	30	
Tetrachloroethylene (PCE)	17.9	0.50	ug/L	20.0		89.6	70-130	14.1	30	
Toluene	20.1	0.50	ug/L	20.0		100	83-118	10.8	30	
1,2,3-Trichlorobenzene	16.0	0.50	ug/L	20.0		80.0	77-134	13.9	30	
1,2,4-Trichlorobenzene	16.7	0.50	ug/L	20.0		83.4	84-128	12.2	30	QL-03
1,1,1-Trichloroethane	24.6	0.50	ug/L	20.0		123	66-158	1.76	30	
1,1,2-Trichloroethane	19.9	0.50	ug/L	20.0		99.7	75-115	10.2	30	
Trichloroethylene (TCE)	22.3	0.50	ug/L	20.0		112	82-128	1.45	30	
Trichlorofluoromethane (R11)	25.3	0.50	ug/L	20.0		126	65-137	21.4	30	
1,2,3-Trichloropropane	21.5	0.50	ug/L	20.0		107	68-123	10.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.8	0.50	ug/L	20.0		124	62-130	10.2	30	
1,3,5-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130	8.06	30	
1,2,4-Trimethylbenzene	18.6	0.50	ug/L	20.0		92.8	70-130	7.47	30	
Vinyl chloride	38.9	0.50	ug/L	20.0		194	51-151	27.4	30	QL-03

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS Dup (B0J2229-BSD1) Continued										
				Prepared: 10/22/20 Analyzed: 10/23/20						
o-Xylene	19.8	0.50	ug/L	20.0		99.0	70-130	9.39	30	
m,p-Xylenes	39.9	1.0	ug/L	40.0		99.8	70-130	9.91	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>96.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>54.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>47.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.2</i>	<i>83-134</i>			
Matrix Spike (B0J2229-MS1) Source: 0J19018-02										
				Prepared & Analyzed: 10/22/20						
Acetone	43.0	10	ug/L	20.0	22.8	101	11-169			
tert-Amyl-Methyl Ether (TAME)	26.3	2.0	ug/L	20.0		131	66-133			
Benzene	24.8	0.50	ug/L	20.0		124	56-135			
Bromobenzene	17.2	0.50	ug/L	20.0		85.8	70-130			
Bromochloromethane	20.9	0.50	ug/L	20.0		104	74-125			
Bromodichloromethane	24.8	0.50	ug/L	20.0		124	68-144			
Bromoform	17.5	0.50	ug/L	20.0		87.4	68-151			
Bromomethane	18.6	0.50	ug/L	20.0		92.8	54-142			
2-Butanone (MEK)	24.4	10	ug/L	20.0		122	62-145			
tert-Butyl Alcohol (TBA)	132	10	ug/L	100		132	73-162			
sec-Butylbenzene	17.7	0.50	ug/L	20.0		88.4	84-145			
tert-Butylbenzene	18.1	0.50	ug/L	20.0		90.4	70-130			
n-Butylbenzene	18.3	0.50	ug/L	20.0		91.5	70-130			
Carbon Disulfide	22.0	0.50	ug/L	20.0		110	28-151			
Carbon Tetrachloride	23.5	0.50	ug/L	20.0		118	58-164			
Chlorobenzene	18.7	0.50	ug/L	20.0		93.4	70-130			
Chloroethane	40.5	0.50	ug/L	20.0		202	42-164			QM-07
Chloroform	24.8	0.50	ug/L	20.0		124	65-138			
Chloromethane	36.8	0.50	ug/L	20.0	2.85	170	50-152			QM-07
2-Chlorotoluene	18.7	0.50	ug/L	20.0		93.7	70-130			
4-Chlorotoluene	18.9	0.50	ug/L	20.0		94.4	70-130			
1,2-Dibromo-3-chloropropane	18.6	1.0	ug/L	20.0		93.2	53-161			
Dibromochloromethane	19.6	0.50	ug/L	20.0		98.1	70-130			
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0		95.8	76-130			
Dibromomethane	24.0	0.50	ug/L	20.0		120	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Matrix Spike (B0J2229-MS1) Continued Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
1,3-Dichlorobenzene	17.6	0.50	ug/L	20.0		88.2	70-130			
1,2-Dichlorobenzene	18.2	0.50	ug/L	20.0		91.1	70-130			
1,4-Dichlorobenzene	18.1	0.50	ug/L	20.0		90.7	70-130			
Dichlorodifluoromethane (R12)	28.2	0.50	ug/L	20.0		141	17-153			
1,1-Dichloroethane	24.7	0.50	ug/L	20.0		124	55-131			
1,2-Dichloroethane (EDC)	26.9	0.50	ug/L	20.0		134	52-168			
1,1-Dichloroethylene	21.0	0.50	ug/L	20.0		105	51-140			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		106	59-127			
cis-1,2-Dichloroethylene	21.3	0.50	ug/L	20.0		107	70-130			
1,2-Dichloropropane	24.2	0.50	ug/L	20.0		121	52-142			
2,2-Dichloropropane	24.9	0.50	ug/L	20.0		124	36-168			
1,3-Dichloropropane	21.4	0.50	ug/L	20.0		107	80-121			
cis-1,3-Dichloropropylene	24.2	0.50	ug/L	20.0		121	66-130			
trans-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0		105	78-130			
1,1-Dichloropropylene	24.9	0.50	ug/L	20.0		124	76-132			
Diisopropyl ether (DIPE)	26.0	2.0	ug/L	20.0		130	52-138			
Ethylbenzene	19.2	0.50	ug/L	20.0		96.0	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.6	2.0	ug/L	20.0		118	64-137			
Hexachlorobutadiene	16.1	1.0	ug/L	20.0		80.6	70-130			
2-Hexanone (MBK)	22.1	10	ug/L	20.0		111	52-141			
Isopropylbenzene	17.6	0.50	ug/L	20.0		88.2	70-130			
4-Isopropyltoluene	18.6	1.0	ug/L	20.0		93.0	83-149			
Methyl-tert-Butyl Ether (MTBE)	51.9	1.2	ug/L	40.0		130	56-150			
Methylene Chloride	23.2	5.0	ug/L	20.0		116	70-130			
4-Methyl-2-pentanone (MIBK)	21.6	10	ug/L	20.0		108	60-148			
Naphthalene	16.7	2.0	ug/L	20.0		83.6	70-130			
n-Propylbenzene	17.0	0.50	ug/L	20.0		85.1	70-130			
Styrene	18.7	0.50	ug/L	20.0		93.5	65-141			
1,1,1,2-Tetrachloroethane	19.3	0.50	ug/L	20.0		96.5	70-130			
1,1,2,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	62-134			
Tetrachloroethylene (PCE)	17.0	0.50	ug/L	20.0		85.0	70-130			
Toluene	19.2	0.50	ug/L	20.0	0.320	94.4	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B

Matrix Spike (B0J2229-MS1) Continued Source: 0J19018-02 Prepared & Analyzed: 10/22/20

1,2,3-Trichlorobenzene	15.8	0.50	ug/L	20.0		79.2	73-144			
1,2,4-Trichlorobenzene	15.9	0.50	ug/L	20.0		79.5	80-137			QM-07
1,1,1-Trichloroethane	24.1	0.50	ug/L	20.0		121	62-164			
1,1,2-Trichloroethane	19.6	0.50	ug/L	20.0		98.1	76-122			
Trichloroethylene (TCE)	21.8	0.50	ug/L	20.0		109	72-136			
Trichlorofluoromethane (R11)	23.2	0.50	ug/L	20.0		116	59-144			
1,2,3-Trichloropropane	22.3	0.50	ug/L	20.0		112	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.7	0.50	ug/L	20.0		123	62-126			
1,3,5-Trimethylbenzene	18.2	0.50	ug/L	20.0		90.9	70-130			
1,2,4-Trimethylbenzene	17.5	0.50	ug/L	20.0		87.3	89-134			QM-07
Vinyl chloride	34.2	0.50	ug/L	20.0		171	54-150			QM-07
o-Xylene	18.8	0.50	ug/L	20.0		94.0	70-130			
m,p-Xylenes	37.9	1.0	ug/L	40.0		94.8	70-130			

<i>Surrogate: 4-Bromofluorobenzene</i>	48.8		ug/L	50.0		97.5	80-129			
<i>Surrogate: Dibromofluoromethane</i>	53.9		ug/L	50.0		108	68-137			
<i>Surrogate: Toluene-d8</i>	46.4		ug/L	50.0		92.7	83-134			

Matrix Spike Dup (B0J2229-MSD1) Source: 0J19018-02 Prepared & Analyzed: 10/22/20

Acetone	34.4	10	ug/L	20.0	22.8	58.2	11-169	22.0	30	
tert-Amyl-Methyl Ether (TAME)	26.4	2.0	ug/L	20.0		132	66-133	0.304	30	
Benzene	25.3	0.50	ug/L	20.0		126	56-135	2.12	30	
Bromobenzene	17.6	0.50	ug/L	20.0		87.8	70-130	2.31	30	
Bromochloromethane	21.2	0.50	ug/L	20.0		106	74-125	1.71	30	
Bromodichloromethane	25.6	0.50	ug/L	20.0		128	68-144	3.25	30	
Bromoform	17.1	0.50	ug/L	20.0		85.3	68-151	2.49	30	
Bromomethane	27.3	0.50	ug/L	20.0		136	54-142	38.1	30	
2-Butanone (MEK)	22.0	10	ug/L	20.0		110	62-145	10.3	30	
tert-Butyl Alcohol (TBA)	114	10	ug/L	100		114	73-162	14.3	30	
sec-Butylbenzene	17.8	0.50	ug/L	20.0		89.1	84-145	0.845	30	
tert-Butylbenzene	18.2	0.50	ug/L	20.0		91.0	70-130	0.551	30	
n-Butylbenzene	18.3	0.50	ug/L	20.0		91.6	70-130	0.0546	30	

Viorel Vasile
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Matrix Spike Dup (B0J2229-MSD1) Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
Continued										
Carbon Disulfide	21.7	0.50	ug/L	20.0		109	28-151	1.05	30	
Carbon Tetrachloride	23.8	0.50	ug/L	20.0		119	58-164	1.27	30	
Chlorobenzene	19.1	0.50	ug/L	20.0		95.4	70-130	2.22	30	
Chloroethane	39.0	0.50	ug/L	20.0		195	42-164	3.83	30	QM-07
Chloroform	25.6	0.50	ug/L	20.0		128	65-138	3.05	30	
Chloromethane	37.4	0.50	ug/L	20.0	2.85	172	50-152	1.37	30	QM-07
2-Chlorotoluene	19.2	0.50	ug/L	20.0		95.8	70-130	2.22	30	
4-Chlorotoluene	19.2	0.50	ug/L	20.0		95.9	70-130	1.63	30	
1,2-Dibromo-3-chloropropane	19.1	1.0	ug/L	20.0		95.6	53-161	2.44	30	
Dibromochloromethane	19.7	0.50	ug/L	20.0		98.6	70-130	0.458	30	
1,2-Dibromoethane (EDB)	18.7	0.50	ug/L	20.0		93.6	76-130	2.43	30	
Dibromomethane	23.2	0.50	ug/L	20.0		116	62-135	3.35	30	
1,3-Dichlorobenzene	18.0	0.50	ug/L	20.0		89.8	70-130	1.80	30	
1,2-Dichlorobenzene	18.6	0.50	ug/L	20.0		93.2	70-130	2.33	30	
1,4-Dichlorobenzene	18.6	0.50	ug/L	20.0		93.1	70-130	2.61	30	
Dichlorodifluoromethane (R12)	27.6	0.50	ug/L	20.0		138	17-153	2.33	30	
1,1-Dichloroethane	24.6	0.50	ug/L	20.0		123	55-131	0.446	30	
1,2-Dichloroethane (EDC)	26.7	0.50	ug/L	20.0		133	52-168	0.635	30	
1,1-Dichloroethylene	20.5	0.50	ug/L	20.0		102	51-140	2.36	30	
trans-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0		105	59-127	0.475	30	
cis-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		111	70-130	3.68	30	
1,2-Dichloropropane	24.7	0.50	ug/L	20.0		123	52-142	1.76	30	
2,2-Dichloropropane	23.2	0.50	ug/L	20.0		116	36-168	7.08	30	
1,3-Dichloropropane	20.9	0.50	ug/L	20.0		104	80-121	2.46	30	
cis-1,3-Dichloropropylene	24.3	0.50	ug/L	20.0		122	66-130	0.495	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0		104	78-130	0.717	30	
1,1-Dichloropropylene	25.1	0.50	ug/L	20.0		126	76-132	1.00	30	
Diisopropyl ether (DIPE)	26.7	2.0	ug/L	20.0		134	52-138	2.65	30	
Ethylbenzene	19.2	0.50	ug/L	20.0		96.2	86-128	0.260	30	
Ethyl-tert-Butyl Ether (ETBE)	23.9	2.0	ug/L	20.0		119	64-137	1.05	30	
Hexachlorobutadiene	16.2	1.0	ug/L	20.0		80.8	70-130	0.372	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Matrix Spike Dup (B0J2229-MSD1) Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
Continued										
2-Hexanone (MBK)	21.7	10	ug/L	20.0		108	52-141	1.96	30	
Isopropylbenzene	17.7	0.50	ug/L	20.0		88.6	70-130	0.453	30	
4-Isopropyltoluene	18.5	1.0	ug/L	20.0		92.6	83-149	0.377	30	
Methyl-tert-Butyl Ether (MTBE)	50.8	1.2	ug/L	40.0		127	56-150	2.10	30	
Methylene Chloride	24.2	5.0	ug/L	20.0		121	70-130	4.17	30	
4-Methyl-2-pentanone (MIBK)	20.8	10	ug/L	20.0		104	60-148	3.86	30	
Naphthalene	17.0	2.0	ug/L	20.0		85.2	70-130	1.78	30	
n-Propylbenzene	17.2	0.50	ug/L	20.0		86.2	70-130	1.34	30	
Styrene	19.1	0.50	ug/L	20.0		95.3	65-141	1.91	30	
1,1,1,2-Tetrachloroethane	19.5	0.50	ug/L	20.0		97.5	70-130	1.03	30	
1,1,2,2-Tetrachloroethane	21.0	0.50	ug/L	20.0		105	62-134	2.82	30	
Tetrachloroethylene (PCE)	16.9	0.50	ug/L	20.0		84.6	70-130	0.472	30	
Toluene	19.4	0.50	ug/L	20.0	0.320	95.4	81-123	1.14	30	
1,2,3-Trichlorobenzene	15.7	0.50	ug/L	20.0		78.6	73-144	0.697	30	
1,2,4-Trichlorobenzene	16.0	0.50	ug/L	20.0		80.1	80-137	0.752	30	
1,1,1-Trichloroethane	24.2	0.50	ug/L	20.0		121	62-164	0.207	30	
1,1,2-Trichloroethane	19.4	0.50	ug/L	20.0		96.8	76-122	1.33	30	
Trichloroethylene (TCE)	22.1	0.50	ug/L	20.0		111	72-136	1.41	30	
Trichlorofluoromethane (R11)	23.0	0.50	ug/L	20.0		115	59-144	0.951	30	
1,2,3-Trichloropropane	22.1	0.50	ug/L	20.0		110	69-135	1.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	25.1	0.50	ug/L	20.0		125	62-126	1.73	30	
1,3,5-Trimethylbenzene	18.3	0.50	ug/L	20.0		91.6	70-130	0.713	30	
1,2,4-Trimethylbenzene	17.7	0.50	ug/L	20.0		88.3	89-134	1.14	30	QM-07
Vinyl chloride	34.8	0.50	ug/L	20.0		174	54-150	1.65	30	QM-07
o-Xylene	19.1	0.50	ug/L	20.0		95.4	70-130	1.48	30	
m,p-Xylenes	38.3	1.0	ug/L	40.0		95.8	70-130	0.970	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	48.9		ug/L	50.0		97.9	80-129			
<i>Surrogate: Dibromofluoromethane</i>	54.6		ug/L	50.0		109	68-137			
<i>Surrogate: Toluene-d8</i>	46.7		ug/L	50.0		93.4	83-134			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Blank (B0J2229-BLK1)										
Prepared & Analyzed: 10/22/20										
Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Blank (B0J2229-BLK1) Continued										
Prepared & Analyzed: 10/22/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Blank (B0J2229-BLK1) Continued										
Prepared & Analyzed: 10/22/20										
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>51.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>55.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>111</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>			
LCS (B0J2229-BS1)										
Prepared & Analyzed: 10/22/20										
Acetone	16.6	10	ug/L	20.0		82.8	27-123			
tert-Amyl-Methyl Ether (TAME)	22.8	2.0	ug/L	20.0		114	58-133			
Benzene	22.0	0.50	ug/L	20.0		110	60-134			
Bromobenzene	20.1	0.50	ug/L	20.0		100	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	23.9	0.50	ug/L	20.0		120	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.0	68-132			
Bromomethane	24.2	0.50	ug/L	20.0		121	58-142			
2-Butanone (MEK)	22.6	10	ug/L	20.0		113	62-138			
tert-Butyl Alcohol (TBA)	109	10	ug/L	100		109	65-148			
sec-Butylbenzene	20.0	0.50	ug/L	20.0		99.8	84-142			
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
Carbon Disulfide	23.1	0.50	ug/L	20.0		115	17-177			
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	66-155			
Chlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
Chloroethane	28.3	0.50	ug/L	20.0		142	45-166			
Chloroform	24.7	0.50	ug/L	20.0		124	71-131			
Chloromethane	26.8	0.50	ug/L	20.0		134	48-152			
2-Chlorotoluene	21.3	0.50	ug/L	20.0		106	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS (B0J2229-BS1) Continued										
Prepared & Analyzed: 10/22/20										
4-Chlorotoluene	21.3	0.50	ug/L	20.0		107	70-130			
1,2-Dibromo-3-chloropropane	21.4	1.0	ug/L	20.0		107	53-145			
Dibromochloromethane	22.3	0.50	ug/L	20.0		112	72-133			
1,2-Dibromoethane (EDB)	21.6	0.50	ug/L	20.0		108	79-120			
Dibromomethane	23.0	0.50	ug/L	20.0		115	68-124			
1,3-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130			
Dichlorodifluoromethane (R12)	20.5	0.50	ug/L	20.0		102	16-148			
1,1-Dichloroethane	24.7	0.50	ug/L	20.0		123	67-120			QL-06
1,2-Dichloroethane (EDC)	25.7	0.50	ug/L	20.0		128	57-156			
1,1-Dichloroethylene	22.1	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		110	66-126			
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-124			
1,2-Dichloropropane	23.5	0.50	ug/L	20.0		118	53-139			
2,2-Dichloropropane	26.7	0.50	ug/L	20.0		134	44-162			
1,3-Dichloropropane	23.3	0.50	ug/L	20.0		116	79-113			QL-02
cis-1,3-Dichloropropylene	23.8	0.50	ug/L	20.0		119	67-127			
trans-1,3-Dichloropropylene	23.5	0.50	ug/L	20.0		118	76-121			
1,1-Dichloropropylene	24.8	0.50	ug/L	20.0		124	84-124			
Diisopropyl ether (DIPE)	25.1	2.0	ug/L	20.0		126	51-136			
Ethylbenzene	21.6	0.50	ug/L	20.0		108	86-124			
Ethyl-tert-Butyl Ether (ETBE)	22.4	2.0	ug/L	20.0		112	62-136			
Hexachlorobutadiene	19.1	1.0	ug/L	20.0		95.4	76-140			
2-Hexanone (MBK)	23.2	10	ug/L	20.0		116	52-123			
Isopropylbenzene	20.1	0.50	ug/L	20.0		101	70-130			
4-Isopropyltoluene	21.1	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.6	1.2	ug/L	40.0		119	58-144			
Methylene Chloride	23.6	5.0	ug/L	20.0		118	50-135			
4-Methyl-2-pentanone (MIBK)	20.7	10	ug/L	20.0		104	49-139			
Naphthalene	19.9	2.0	ug/L	20.0		99.4	74-128			
n-Propylbenzene	19.4	0.50	ug/L	20.0		97.2	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B

LCS (B0J2229-BS1) Continued

Prepared & Analyzed: 10/22/20

Styrene	21.6	0.50	ug/L	20.0		108	84-123			
1,1,1,2-Tetrachloroethane	21.6	0.50	ug/L	20.0		108	70-130			
1,1,2,2-Tetrachloroethane	22.6	0.50	ug/L	20.0		113	58-126			
Tetrachloroethylene (PCE)	20.6	0.50	ug/L	20.0		103	70-130			
Toluene	22.4	0.50	ug/L	20.0		112	83-118			
1,2,3-Trichlorobenzene	18.4	0.50	ug/L	20.0		91.8	77-134			
1,2,4-Trichlorobenzene	18.9	0.50	ug/L	20.0		94.3	84-128			
1,1,1-Trichloroethane	24.2	0.50	ug/L	20.0		121	66-158			
1,1,2-Trichloroethane	22.1	0.50	ug/L	20.0		110	75-115			
Trichloroethylene (TCE)	22.0	0.50	ug/L	20.0		110	82-128			
Trichlorofluoromethane (R11)	20.4	0.50	ug/L	20.0		102	65-137			
1,2,3-Trichloropropane	23.8	0.50	ug/L	20.0		119	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.4	0.50	ug/L	20.0		112	62-130			
1,3,5-Trimethylbenzene	20.9	0.50	ug/L	20.0		105	70-130			
1,2,4-Trimethylbenzene	20.0	0.50	ug/L	20.0		100	70-130			
Vinyl chloride	29.5	0.50	ug/L	20.0		148	51-151			
o-Xylene	21.8	0.50	ug/L	20.0		109	70-130			
m,p-Xylenes	44.1	1.0	ug/L	40.0		110	70-130			

Surrogate: 4-Bromofluorobenzene	48.4		ug/L	50.0		96.7	80-129			
Surrogate: Dibromofluoromethane	51.0		ug/L	50.0		102	68-137			
Surrogate: Toluene-d8	49.1		ug/L	50.0		98.2	83-134			

LCS Dup (B0J2229-BSD1)

Prepared: 10/22/20 Analyzed: 10/23/20

Acetone	16.3	10	ug/L	20.0		81.6	27-123	1.52	30	
tert-Amyl-Methyl Ether (TAME)	25.2	2.0	ug/L	20.0		126	58-133	9.95	30	
Benzene	25.1	0.50	ug/L	20.0		125	60-134	13.3	30	
Bromobenzene	18.1	0.50	ug/L	20.0		90.4	70-130	10.5	30	
Bromochloromethane	20.5	0.50	ug/L	20.0		102	78-121	3.83	30	
Bromodichloromethane	24.8	0.50	ug/L	20.0		124	74-135	3.82	30	
Bromoform	17.0	0.50	ug/L	20.0		85.1	68-132	15.1	30	
Bromomethane	23.7	0.50	ug/L	20.0		119	58-142	1.75	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS Dup (B0J2229-BSD1) Continued										
				Prepared: 10/22/20 Analyzed: 10/23/20						
2-Butanone (MEK)	21.8	10	ug/L	20.0		109	62-138	3.74	30	
tert-Butyl Alcohol (TBA)	117	10	ug/L	100		117	65-148	7.67	30	
sec-Butylbenzene	18.7	0.50	ug/L	20.0		93.4	84-142	6.73	30	
tert-Butylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130	7.54	30	
n-Butylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	6.06	30	
Carbon Disulfide	22.4	0.50	ug/L	20.0		112	17-177	3.04	30	
Carbon Tetrachloride	24.3	0.50	ug/L	20.0		122	66-155	0.577	30	
Chlorobenzene	19.4	0.50	ug/L	20.0		96.9	70-130	10.0	30	
Chloroethane	35.4	0.50	ug/L	20.0		177	45-166	22.1	30	QL-03
Chloroform	25.4	0.50	ug/L	20.0		127	71-131	2.75	30	
Chloromethane	38.7	0.50	ug/L	20.0		193	48-152	36.1	30	QL-03
2-Chlorotoluene	19.7	0.50	ug/L	20.0		98.5	70-130	7.66	30	
4-Chlorotoluene	19.8	0.50	ug/L	20.0		99.2	70-130	7.23	30	
1,2-Dibromo-3-chloropropane	18.2	1.0	ug/L	20.0		91.0	53-145	16.2	30	
Dibromochloromethane	19.7	0.50	ug/L	20.0		98.7	72-133	12.4	30	
1,2-Dibromoethane (EDB)	18.6	0.50	ug/L	20.0		93.2	79-120	14.7	30	
Dibromomethane	23.6	0.50	ug/L	20.0		118	68-124	2.83	30	
1,3-Dichlorobenzene	18.5	0.50	ug/L	20.0		92.6	70-130	8.58	30	
1,2-Dichlorobenzene	19.0	0.50	ug/L	20.0		95.0	70-130	8.13	30	
1,4-Dichlorobenzene	19.1	0.50	ug/L	20.0		95.7	70-130	8.02	30	
Dichlorodifluoromethane (R12)	31.5	0.50	ug/L	20.0		158	16-148	42.5	30	QL-03
1,1-Dichloroethane	24.6	0.50	ug/L	20.0		123	67-120	0.0406	30	QL-06
1,2-Dichloroethane (EDC)	26.8	0.50	ug/L	20.0		134	57-156	4.16	30	
1,1-Dichloroethylene	21.5	0.50	ug/L	20.0		107	50-149	2.94	30	
trans-1,2-Dichloroethylene	21.7	0.50	ug/L	20.0		109	66-126	1.60	30	
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-124	0.180	30	
1,2-Dichloropropane	24.4	0.50	ug/L	20.0		122	53-139	3.71	30	
2,2-Dichloropropane	24.0	0.50	ug/L	20.0		120	44-162	10.9	30	
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113	10.2	30	
cis-1,3-Dichloropropylene	23.7	0.50	ug/L	20.0		118	67-127	0.674	30	
trans-1,3-Dichloropropylene	20.6	0.50	ug/L	20.0		103	76-121	13.2	30	
1,1-Dichloropropylene	25.4	0.50	ug/L	20.0		127	84-124	2.39	30	QL-03

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
LCS Dup (B0J2229-BSD1) Continued										
					Prepared: 10/22/20 Analyzed: 10/23/20					
Diisopropyl ether (DIPE)	26.0	2.0	ug/L	20.0		130	51-136	3.29	30	
Ethylbenzene	20.0	0.50	ug/L	20.0		100	86-124	7.31	30	
Ethyl-tert-Butyl Ether (ETBE)	23.1	2.0	ug/L	20.0		115	62-136	3.04	30	
Hexachlorobutadiene	17.3	1.0	ug/L	20.0		86.7	76-140	9.50	30	
2-Hexanone (MBK)	20.6	10	ug/L	20.0		103	52-123	11.7	30	
Isopropylbenzene	18.5	0.50	ug/L	20.0		92.5	70-130	8.49	30	
4-Isopropyltoluene	19.8	1.0	ug/L	20.0		99.0	70-130	6.36	30	
Methyl-tert-Butyl Ether (MTBE)	49.7	1.2	ug/L	40.0		124	58-144	4.36	30	
Methylene Chloride	25.1	5.0	ug/L	20.0		125	50-135	6.04	30	
4-Methyl-2-pentanone (MIBK)	18.8	10	ug/L	20.0		94.0	49-139	9.87	30	
Naphthalene	16.7	2.0	ug/L	20.0		83.4	74-128	17.6	30	
n-Propylbenzene	18.0	0.50	ug/L	20.0		90.2	70-130	7.52	30	
Styrene	19.6	0.50	ug/L	20.0		98.2	84-123	9.42	30	
1,1,1,2-Tetrachloroethane	20.0	0.50	ug/L	20.0		100	70-130	7.67	30	
1,1,2,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	58-126	9.45	30	
Tetrachloroethylene (PCE)	17.9	0.50	ug/L	20.0		89.6	70-130	14.1	30	
Toluene	20.1	0.50	ug/L	20.0		100	83-118	10.8	30	
1,2,3-Trichlorobenzene	16.0	0.50	ug/L	20.0		80.0	77-134	13.9	30	
1,2,4-Trichlorobenzene	16.7	0.50	ug/L	20.0		83.4	84-128	12.2	30	QL-03
1,1,1-Trichloroethane	24.6	0.50	ug/L	20.0		123	66-158	1.76	30	
1,1,2-Trichloroethane	19.9	0.50	ug/L	20.0		99.7	75-115	10.2	30	
Trichloroethylene (TCE)	22.3	0.50	ug/L	20.0		112	82-128	1.45	30	
Trichlorofluoromethane (R11)	25.3	0.50	ug/L	20.0		126	65-137	21.4	30	
1,2,3-Trichloropropane	21.5	0.50	ug/L	20.0		107	68-123	10.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.8	0.50	ug/L	20.0		124	62-130	10.2	30	
1,3,5-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130	8.06	30	
1,2,4-Trimethylbenzene	18.6	0.50	ug/L	20.0		92.8	70-130	7.47	30	
Vinyl chloride	38.9	0.50	ug/L	20.0		194	51-151	27.4	30	QL-03
o-Xylene	19.8	0.50	ug/L	20.0		99.0	70-130	9.39	30	
m,p-Xylenes	39.9	1.0	ug/L	40.0		99.8	70-130	9.91	30	

Viorel Vasile
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B

LCS Dup (B0J2229-BSD1) Continued

Prepared: 10/22/20 Analyzed: 10/23/20

Surrogate: 4-Bromofluorobenzene	48.2		ug/L	50.0		96.5	80-129			
Surrogate: Dibromofluoromethane	54.0		ug/L	50.0		108	68-137			
Surrogate: Toluene-d8	47.1		ug/L	50.0		94.2	83-134			

Matrix Spike (B0J2229-MS1)

Source: OJ19018-02 Prepared & Analyzed: 10/22/20

Acetone	43.0	10	ug/L	20.0	22.8	101	11-169			
tert-Amyl-Methyl Ether (TAME)	26.3	2.0	ug/L	20.0	<2.0	131	66-133			
Benzene	24.8	0.50	ug/L	20.0	<0.50	124	56-135			
Bromobenzene	17.2	0.50	ug/L	20.0	<0.50	85.8	70-130			
Bromochloromethane	20.9	0.50	ug/L	20.0	<0.50	104	74-125			
Bromodichloromethane	24.8	0.50	ug/L	20.0	<0.50	124	68-144			
Bromoform	17.5	0.50	ug/L	20.0	<0.50	87.4	68-151			
Bromomethane	18.6	0.50	ug/L	20.0	<0.50	92.8	54-142			
2-Butanone (MEK)	24.4	10	ug/L	20.0	<10	122	62-145			
tert-Butyl Alcohol (TBA)	132	10	ug/L	100	<10	132	73-162			
sec-Butylbenzene	17.7	0.50	ug/L	20.0	<0.50	88.4	84-145			
tert-Butylbenzene	18.1	0.50	ug/L	20.0	<0.50	90.4	70-130			
n-Butylbenzene	18.3	0.50	ug/L	20.0	<0.50	91.5	70-130			
Carbon Disulfide	22.0	0.50	ug/L	20.0	<0.50	110	28-151			
Carbon Tetrachloride	23.5	0.50	ug/L	20.0	<0.50	118	58-164			
Chlorobenzene	18.7	0.50	ug/L	20.0	<0.50	93.4	70-130			
Chloroethane	40.5	0.50	ug/L	20.0	<0.50	202	42-164			QM-07
Chloroform	24.8	0.50	ug/L	20.0	<0.50	124	65-138			
Chloromethane	36.8	0.50	ug/L	20.0	2.85	170	50-152			QM-07
2-Chlorotoluene	18.7	0.50	ug/L	20.0	<0.50	93.7	70-130			
4-Chlorotoluene	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130			
1,2-Dibromo-3-chloropropane	18.6	1.0	ug/L	20.0	<1.0	93.2	53-161			
Dibromochloromethane	19.6	0.50	ug/L	20.0	<0.50	98.1	70-130			
1,2-Dibromoethane (EDB)	19.2	0.50	ug/L	20.0	<0.50	95.8	76-130			
Dibromomethane	24.0	0.50	ug/L	20.0	<0.50	120	62-135			
1,3-Dichlorobenzene	17.6	0.50	ug/L	20.0	<0.50	88.2	70-130			
1,2-Dichlorobenzene	18.2	0.50	ug/L	20.0	<0.50	91.1	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Matrix Spike (B0J2229-MS1) Continued Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
Dichlorodifluoromethane (R12)	28.2	0.50	ug/L	20.0	<0.50	141	17-153			
1,1-Dichloroethane	24.7	0.50	ug/L	20.0	<0.50	124	55-131			
1,2-Dichloroethane (EDC)	26.9	0.50	ug/L	20.0	<0.50	134	52-168			
1,1-Dichloroethylene	21.0	0.50	ug/L	20.0	<0.50	105	51-140			
trans-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0	<0.50	106	59-127			
cis-1,2-Dichloroethylene	21.3	0.50	ug/L	20.0	<0.50	107	70-130			
1,2-Dichloropropane	24.2	0.50	ug/L	20.0	<0.50	121	52-142			
2,2-Dichloropropane	24.9	0.50	ug/L	20.0	<0.50	124	36-168			
1,3-Dichloropropane	21.4	0.50	ug/L	20.0	<0.50	107	80-121			
cis-1,3-Dichloropropylene	24.2	0.50	ug/L	20.0	<0.50	121	66-130			
trans-1,3-Dichloropropylene	21.0	0.50	ug/L	20.0	<0.50	105	78-130			
1,1-Dichloropropylene	24.9	0.50	ug/L	20.0	<0.50	124	76-132			
Diisopropyl ether (DIPE)	26.0	2.0	ug/L	20.0	<2.0	130	52-138			
Ethylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.0	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.6	2.0	ug/L	20.0	<2.0	118	64-137			
Hexachlorobutadiene	16.1	1.0	ug/L	20.0	<1.0	80.6	70-130			
2-Hexanone (MBK)	22.1	10	ug/L	20.0	<10	111	52-141			
Isopropylbenzene	17.6	0.50	ug/L	20.0	<0.50	88.2	70-130			
4-Isopropyltoluene	18.6	1.0	ug/L	20.0	<1.0	93.0	83-149			
Methyl-tert-Butyl Ether (MTBE)	51.9	1.2	ug/L	40.0	<1.2	130	56-150			
Methylene Chloride	23.2	5.0	ug/L	20.0	<5.0	116	70-130			
4-Methyl-2-pentanone (MIBK)	21.6	10	ug/L	20.0	<10	108	60-148			
Naphthalene	16.7	2.0	ug/L	20.0	<2.0	83.6	70-130			
n-Propylbenzene	17.0	0.50	ug/L	20.0	<0.50	85.1	70-130			
Styrene	18.7	0.50	ug/L	20.0	<0.50	93.5	65-141			
1,1,1,2-Tetrachloroethane	19.3	0.50	ug/L	20.0	<0.50	96.5	70-130			
1,1,2,2-Tetrachloroethane	21.6	0.50	ug/L	20.0	<0.50	108	62-134			
Tetrachloroethylene (PCE)	17.0	0.50	ug/L	20.0	<0.50	85.0	70-130			
Toluene	19.2	0.50	ug/L	20.0	0.320	94.4	81-123			
1,2,3-Trichlorobenzene	15.8	0.50	ug/L	20.0	<0.50	79.2	73-144			
1,2,4-Trichlorobenzene	15.9	0.50	ug/L	20.0	<0.50	79.5	80-137			QM-07
1,1,1-Trichloroethane	24.1	0.50	ug/L	20.0	<0.50	121	62-164			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Matrix Spike (B0J2229-MS1) Continued Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
1,1,2-Trichloroethane	19.6	0.50	ug/L	20.0	<0.50	98.1	76-122			
Trichloroethylene (TCE)	21.8	0.50	ug/L	20.0	<0.50	109	72-136			
Trichlorofluoromethane (R11)	23.2	0.50	ug/L	20.0	<0.50	116	59-144			
1,2,3-Trichloropropane	22.3	0.50	ug/L	20.0	<0.50	112	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.7	0.50	ug/L	20.0	<0.50	123	62-126			
1,3,5-Trimethylbenzene	18.2	0.50	ug/L	20.0	<0.50	90.9	70-130			
1,2,4-Trimethylbenzene	17.5	0.50	ug/L	20.0	<0.50	87.3	89-134			QM-07
Vinyl chloride	34.2	0.50	ug/L	20.0	<0.50	171	54-150			QM-07
o-Xylene	18.8	0.50	ug/L	20.0	<0.50	94.0	70-130			
m,p-Xylenes	37.9	1.0	ug/L	40.0	<1.0	94.8	70-130			
<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>53.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>92.7</i>	<i>83-134</i>			
Matrix Spike Dup (B0J2229-MSD1) Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
Acetone	34.4	10	ug/L	20.0	22.8	58.2	11-169	22.0	30	
tert-Amyl-Methyl Ether (TAME)	26.4	2.0	ug/L	20.0	<2.0	132	66-133	0.304	30	
Benzene	25.3	0.50	ug/L	20.0	<0.50	126	56-135	2.12	30	
Bromobenzene	17.6	0.50	ug/L	20.0	<0.50	87.8	70-130	2.31	30	
Bromochloromethane	21.2	0.50	ug/L	20.0	<0.50	106	74-125	1.71	30	
Bromodichloromethane	25.6	0.50	ug/L	20.0	<0.50	128	68-144	3.25	30	
Bromoform	17.1	0.50	ug/L	20.0	<0.50	85.3	68-151	2.49	30	
Bromomethane	27.3	0.50	ug/L	20.0	<0.50	136	54-142	38.1	30	
2-Butanone (MEK)	22.0	10	ug/L	20.0	<10	110	62-145	10.3	30	
tert-Butyl Alcohol (TBA)	114	10	ug/L	100	<10	114	73-162	14.3	30	
sec-Butylbenzene	17.8	0.50	ug/L	20.0	<0.50	89.1	84-145	0.845	30	
tert-Butylbenzene	18.2	0.50	ug/L	20.0	<0.50	91.0	70-130	0.551	30	
n-Butylbenzene	18.3	0.50	ug/L	20.0	<0.50	91.6	70-130	0.0546	30	
Carbon Disulfide	21.7	0.50	ug/L	20.0	<0.50	109	28-151	1.05	30	
Carbon Tetrachloride	23.8	0.50	ug/L	20.0	<0.50	119	58-164	1.27	30	
Chlorobenzene	19.1	0.50	ug/L	20.0	<0.50	95.4	70-130	2.22	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B</i>										
Matrix Spike Dup (B0J2229-MSD1) Source: 0J19018-02 Prepared & Analyzed: 10/22/20										
Continued										
Chloroethane	39.0	0.50	ug/L	20.0	<0.50	195	42-164	3.83	30	QM-07
Chloroform	25.6	0.50	ug/L	20.0	<0.50	128	65-138	3.05	30	
Chloromethane	37.4	0.50	ug/L	20.0	2.85	172	50-152	1.37	30	QM-07
2-Chlorotoluene	19.2	0.50	ug/L	20.0	<0.50	95.8	70-130	2.22	30	
4-Chlorotoluene	19.2	0.50	ug/L	20.0	<0.50	95.9	70-130	1.63	30	
1,2-Dibromo-3-chloropropane	19.1	1.0	ug/L	20.0	<1.0	95.6	53-161	2.44	30	
Dibromochloromethane	19.7	0.50	ug/L	20.0	<0.50	98.6	70-130	0.458	30	
1,2-Dibromoethane (EDB)	18.7	0.50	ug/L	20.0	<0.50	93.6	76-130	2.43	30	
Dibromomethane	23.2	0.50	ug/L	20.0	<0.50	116	62-135	3.35	30	
1,3-Dichlorobenzene	18.0	0.50	ug/L	20.0	<0.50	89.8	70-130	1.80	30	
1,2-Dichlorobenzene	18.6	0.50	ug/L	20.0	<0.50	93.2	70-130	2.33	30	
1,4-Dichlorobenzene	18.6	0.50	ug/L	20.0	<0.50	93.1	70-130	2.61	30	
Dichlorodifluoromethane (R12)	27.6	0.50	ug/L	20.0	<0.50	138	17-153	2.33	30	
1,1-Dichloroethane	24.6	0.50	ug/L	20.0	<0.50	123	55-131	0.446	30	
1,2-Dichloroethane (EDC)	26.7	0.50	ug/L	20.0	<0.50	133	52-168	0.635	30	
1,1-Dichloroethylene	20.5	0.50	ug/L	20.0	<0.50	102	51-140	2.36	30	
trans-1,2-Dichloroethylene	21.0	0.50	ug/L	20.0	<0.50	105	59-127	0.475	30	
cis-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0	<0.50	111	70-130	3.68	30	
1,2-Dichloropropane	24.7	0.50	ug/L	20.0	<0.50	123	52-142	1.76	30	
2,2-Dichloropropane	23.2	0.50	ug/L	20.0	<0.50	116	36-168	7.08	30	
1,3-Dichloropropane	20.9	0.50	ug/L	20.0	<0.50	104	80-121	2.46	30	
cis-1,3-Dichloropropylene	24.3	0.50	ug/L	20.0	<0.50	122	66-130	0.495	30	
trans-1,3-Dichloropropylene	20.8	0.50	ug/L	20.0	<0.50	104	78-130	0.717	30	
1,1-Dichloropropylene	25.1	0.50	ug/L	20.0	<0.50	126	76-132	1.00	30	
Diisopropyl ether (DIPE)	26.7	2.0	ug/L	20.0	<2.0	134	52-138	2.65	30	
Ethylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.2	86-128	0.260	30	
Ethyl-tert-Butyl Ether (ETBE)	23.9	2.0	ug/L	20.0	<2.0	119	64-137	1.05	30	
Hexachlorobutadiene	16.2	1.0	ug/L	20.0	<1.0	80.8	70-130	0.372	30	
2-Hexanone (MBK)	21.7	10	ug/L	20.0	<10	108	52-141	1.96	30	
Isopropylbenzene	17.7	0.50	ug/L	20.0	<0.50	88.6	70-130	0.453	30	
4-Isopropyltoluene	18.5	1.0	ug/L	20.0	<1.0	92.6	83-149	0.377	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2229 - EPA 5030B

Matrix Spike Dup (B0J2229-MSD1) **Source: 0J19018-02** Prepared & Analyzed: 10/22/20

Continued

Methyl-tert-Butyl Ether (MTBE)	50.8	1.2	ug/L	40.0	<1.2	127	56-150	2.10	30	
Methylene Chloride	24.2	5.0	ug/L	20.0	<5.0	121	70-130	4.17	30	
4-Methyl-2-pentanone (MIBK)	20.8	10	ug/L	20.0	<10	104	60-148	3.86	30	
Naphthalene	17.0	2.0	ug/L	20.0	<2.0	85.2	70-130	1.78	30	
n-Propylbenzene	17.2	0.50	ug/L	20.0	<0.50	86.2	70-130	1.34	30	
Styrene	19.1	0.50	ug/L	20.0	<0.50	95.3	65-141	1.91	30	
1,1,1,2-Tetrachloroethane	19.5	0.50	ug/L	20.0	<0.50	97.5	70-130	1.03	30	
1,1,2,2-Tetrachloroethane	21.0	0.50	ug/L	20.0	<0.50	105	62-134	2.82	30	
Tetrachloroethylene (PCE)	16.9	0.50	ug/L	20.0	<0.50	84.6	70-130	0.472	30	
Toluene	19.4	0.50	ug/L	20.0	0.320	95.4	81-123	1.14	30	
1,2,3-Trichlorobenzene	15.7	0.50	ug/L	20.0	<0.50	78.6	73-144	0.697	30	
1,2,4-Trichlorobenzene	16.0	0.50	ug/L	20.0	<0.50	80.1	80-137	0.752	30	
1,1,1-Trichloroethane	24.2	0.50	ug/L	20.0	<0.50	121	62-164	0.207	30	
1,1,2-Trichloroethane	19.4	0.50	ug/L	20.0	<0.50	96.8	76-122	1.33	30	
Trichloroethylene (TCE)	22.1	0.50	ug/L	20.0	<0.50	111	72-136	1.41	30	
Trichlorofluoromethane (R11)	23.0	0.50	ug/L	20.0	<0.50	115	59-144	0.951	30	
1,2,3-Trichloropropane	22.1	0.50	ug/L	20.0	<0.50	110	69-135	1.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	25.1	0.50	ug/L	20.0	<0.50	125	62-126	1.73	30	
1,3,5-Trimethylbenzene	18.3	0.50	ug/L	20.0	<0.50	91.6	70-130	0.713	30	
1,2,4-Trimethylbenzene	17.7	0.50	ug/L	20.0	<0.50	88.3	89-134	1.14	30	QM-07
Vinyl chloride	34.8	0.50	ug/L	20.0	<0.50	174	54-150	1.65	30	QM-07
o-Xylene	19.1	0.50	ug/L	20.0	<0.50	95.4	70-130	1.48	30	
m,p-Xylenes	38.3	1.0	ug/L	40.0	<1.0	95.8	70-130	0.970	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>48.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.9</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>46.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.4</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B0J2131 - EPA 3510C

Blank (B0J2131-BLK1)

Prepared: 10/21/20 Analyzed: 10/27/20

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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 B0J2131 - EPA 3510C</i>										
Blank (B0J2131-BLK1) Continued				Prepared: 10/21/20 Analyzed: 10/27/20						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0343</i>		<i>mg/L</i>	<i>0.0400</i>		<i>85.9</i>	<i>50-150</i>			
LCS (B0J2131-BS1)				Prepared: 10/21/20 Analyzed: 10/27/20						
Diesel Range Organics as Diesel	0.508	0.10	mg/L	0.800		63.5	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0427</i>		<i>mg/L</i>	<i>0.0400</i>		<i>107</i>	<i>50-150</i>			
LCS Dup (B0J2131-BSD1)				Prepared: 10/21/20 Analyzed: 10/27/20						
Diesel Range Organics as Diesel	0.415	0.10	mg/L	0.800		51.9	36-132	20.0	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0319</i>		<i>mg/L</i>	<i>0.0400</i>		<i>79.6</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0J2230 - *** DEFAULT PREP ***</i>										
Blank (B0J2230-BLK1)				Prepared & Analyzed: 10/22/20						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>49.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.4</i>	<i>80-120</i>			
LCS (B0J2230-BS1)				Prepared & Analyzed: 10/22/20						
Gasoline Range Organics (GRO)	475	100	ug/L	500		95.0	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>56.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>112</i>	<i>80-120</i>			
LCS Dup (B0J2230-BSD1)				Prepared & Analyzed: 10/22/20						
Gasoline Range Organics (GRO)	455	100	ug/L	500		91.0	75-125	4.33	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.5</i>	<i>80-120</i>			
Matrix Spike (B0J2230-MS1)				Source: 0J19018-11 Prepared & Analyzed: 10/22/20						
Gasoline Range Organics (GRO)	390	100	ug/L	500	<100	78.0	70-130		30	
<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>			
Matrix Spike Dup (B0J2230-MSD1)				Source: 0J19018-11 Prepared & Analyzed: 10/22/20						
Gasoline Range Organics (GRO)	397	100	ug/L	500	<100	79.3	70-130	1.64	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>51.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>80-120</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333803
Date Received: 10/19/20
Date Reported: 11/06/20

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] = **QL-06** : The recovery for this analyte in the LCS and LCSD is marginally above the upper control limit, therefore the reported concentration for this analyte may be biased high.
- [4] = **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



AMERICAN ANALYTICALS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 21391
20200099
Page 1 of 1

Client: APEX-S&Z Project Name / No.: DFSP Norwalk Sampler's Name: Dawn W. B...
 Project Manager: DANSEWENSON Site Address: 15306 Norwalk Blvd. Sampler's Signature: [Signature]
 Phone: 562-597-1055 City: Norwalk P.O. No.: ---
 Fax: 562-597-1070 State & Zip: CA 90651 Quote No.: ---

TAT Turnaround Codes **

- ① = Same Day Rush
- ② = 24 Hour Rush
- ③ = 48 Hour Rush
- ④ = 72 Hour Rush
- ⑤ = 5 Day Rush
- X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Please enter the TAT Turnaround Codes ** below										Special Instructions		
						8268B vocs	8D15 TPH-G	8D15m D										
OC7B-1	0519018-01	10-19-20	600	GW	2	X												
GMW-64	-02	10-19-20	835	GW	6	X												
GMW-63	-03	10-19-20	835	GW	6	X												
GMW-65	-04	10-19-20	945	GW	6	X												
GMW-67	-05	10-19-20	1010	GW	6	X												
DUP-1	-06	10-19-20	XXXX	GW	6	X												
GMW-69	-07	10-19-20	1055	GW	6	X												
GMW-62	-08	10-19-20	1130	GW	6	X												
MW-24	-09	10-19-20	1230	GW	6	X												
GW-8	-10	10-19-20	110	GW	6	X												
MW-26	-11	10-19-20	145	GW	6	X												
QCEB-1	-12	10-19-20	809	GW	5	X												

For Laboratory Use

REVIEWED
Date: 10/19/20 Time: 6:50
TAT N Days Sign: [Signature]

Relinquished by <u>[Signature]</u>	Date <u>10/19/20</u>	Time <u>1430</u>	Received by <u>[Signature]</u>
Relinquished by <u>[Signature]</u>	Date <u>10/19/20</u>	Time <u>1559</u>	Received by <u>[Signature]</u>
Relinquished by	Date	Time	Received by

A.A. Project No.: A5333803/0519018

Note: By relinquishing samples to American Analyticals, 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 Analyticals.



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

November 10, 2020

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5333807 / 0J21020**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/21/20 15:17 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 Analyticals.

Sincerely,

A handwritten signature in black ink, appearing to read 'V. Vasile', written over a light blue circular stamp.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	OJ21020-01	Water	5	10/20/20 06:00	10/21/20 15:17
QCEB-1	OJ21020-02	Water	5	10/20/20 07:30	10/21/20 15:17

8260B+OXYGENATES

GW-6	OJ21020-03	Water	5	10/20/20 08:10	10/21/20 15:17
TF-9R	OJ21020-04	Water	5	10/20/20 08:45	10/21/20 15:17
GMW-17R	OJ21020-05	Water	5	10/20/20 09:20	10/21/20 15:17
GMW-31	OJ21020-06	Water	5	10/20/20 09:55	10/21/20 15:17
DUP-2	OJ21020-07	Water	5	10/20/20 00:00	10/21/20 15:17
GMW-42	OJ21020-08	Water	5	10/20/20 10:35	10/21/20 15:17
GMW-41	OJ21020-09	Water	5	10/20/20 11:20	10/21/20 15:17
GMW-44	OJ21020-10	Water	5	10/20/20 12:05	10/21/20 15:17
MW-29	OJ21020-11	Water	5	10/20/20 12:40	10/21/20 15:17
MW-16	OJ21020-12	Water	5	10/20/20 13:10	10/21/20 15:17
MW-17	OJ21020-13	Water	5	10/20/20 13:40	10/21/20 15:17

Diesel Range Organics 8015M

QCEB-1	OJ21020-02	Water	5	10/20/20 07:30	10/21/20 15:17
GW-6	OJ21020-03	Water	5	10/20/20 08:10	10/21/20 15:17
TF-9R	OJ21020-04	Water	5	10/20/20 08:45	10/21/20 15:17

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-17R	OJ21020-05	Water	5	10/20/20 09:20	10/21/20 15:17
GMW-31	OJ21020-06	Water	5	10/20/20 09:55	10/21/20 15:17
DUP-2	OJ21020-07	Water	5	10/20/20 00:00	10/21/20 15:17
GMW-42	OJ21020-08	Water	5	10/20/20 10:35	10/21/20 15:17
GMW-41	OJ21020-09	Water	5	10/20/20 11:20	10/21/20 15:17
GMW-44	OJ21020-10	Water	5	10/20/20 12:05	10/21/20 15:17
MW-29	OJ21020-11	Water	5	10/20/20 12:40	10/21/20 15:17
MW-16	OJ21020-12	Water	5	10/20/20 13:10	10/21/20 15:17
MW-17	OJ21020-13	Water	5	10/20/20 13:40	10/21/20 15:17

Gasoline Range Organics 8015M

GW-6	OJ21020-03	Water	5	10/20/20 08:10	10/21/20 15:17
TF-9R	OJ21020-04	Water	5	10/20/20 08:45	10/21/20 15:17
GMW-17R	OJ21020-05	Water	5	10/20/20 09:20	10/21/20 15:17
GMW-31	OJ21020-06	Water	5	10/20/20 09:55	10/21/20 15:17
DUP-2	OJ21020-07	Water	5	10/20/20 00:00	10/21/20 15:17
GMW-42	OJ21020-08	Water	5	10/20/20 10:35	10/21/20 15:17
GMW-41	OJ21020-09	Water	5	10/20/20 11:20	10/21/20 15:17
GMW-44	OJ21020-10	Water	5	10/20/20 12:05	10/21/20 15:17
MW-29	OJ21020-11	Water	5	10/20/20 12:40	10/21/20 15:17
MW-16	OJ21020-12	Water	5	10/20/20 13:10	10/21/20 15:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
MW-17	OJ21020-13	Water	5	10/20/20 13:40	10/21/20 15:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	
AA ID No:	0J21020-01	0J21020-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<10	<10	10
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)	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	
AA ID No:	OJ21020-01	OJ21020-02	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	
AA ID No:	0J21020-01	0J21020-02	
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	86%	112%	80-129
Dibromofluoromethane	117%	118%	68-137
Toluene-d8	96%	98%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20
AA ID No:	OJ21020-03	OJ21020-04	OJ21020-05	OJ21020-06
Client ID No:	GW-6	TF-9R	GMW-17R	GMW-31
Matrix:	Water	Water	Water	Water
Dilution Factor:	1	1	1	1

MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	22	<10	<10	<10	10
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)	<10	<10	<10	<10	10
tert-Butyl Alcohol (TBA)	<10	<10	<10	<10	10
sec-Butylbenzene	<0.50	0.55	<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	0.60	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20
AA ID No:	OJ21020-03	OJ21020-04	OJ21020-05	OJ21020-06
Client ID No:	GW-6	TF-9R	GMW-17R	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)	<10	<10	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

	10/20/20	10/20/20	10/20/20	10/20/20	
Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	OJ21020-03	OJ21020-04	OJ21020-05	OJ21020-06	
Client ID No:	GW-6	TF-9R	GMW-17R	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	84%	98%	101%	100%	80-129
Dibromofluoromethane	110%	95%	103%	97%	68-137
Toluene-d8	93%	105%	81%	100%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21020-07	0J21020-08	0J21020-09	0J21020-10	
Client ID No:	DUP-2	GMW-42	GMW-41	GMW-44	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
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)	<10	<10	<10	<10	10
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	0.61	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21020-07	0J21020-08	0J21020-09	0J21020-10	
Client ID No:	DUP-2	GMW-42	GMW-41	GMW-44	
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)	<10	<10	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21020-07	0J21020-08	0J21020-09	0J21020-10	
Client ID No:	DUP-2	GMW-42	GMW-41	GMW-44	
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	84%	102%	100%	104%	80-129
Dibromofluoromethane	111%	115%	110%	113%	68-137
Toluene-d8	95%	94%	96%	96%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

	10/20/20	10/20/20	10/20/20	
Date Sampled:	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21020-11	0J21020-12	0J21020-13	
Client ID No:	MW-29	MW-16	MW-17	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	10
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)	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

	10/20/20	10/20/20	10/20/20	
Date Sampled:	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21020-11	0J21020-12	0J21020-13	
Client ID No:	MW-29	MW-16	MW-17	
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)	<10	<10	<10	10
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)	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21020-11	0J21020-12	0J21020-13	
Client ID No:	MW-29	MW-16	MW-17	
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	114%	103%	98%	80-129
Dibromofluoromethane	122%	116%	119%	68-137
Toluene-d8	104%	113%	93%	83-134

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: mg/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Analyzed:	10/29/20	10/29/20	10/29/20	10/29/20	
AA ID No:	OJ21020-02	OJ21020-03	OJ21020-04	OJ21020-05	
Client ID No:	QCEB-1	GW-6	TF-9R	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	<0.10	0.25	<0.10	0.10
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Surrogates

o-Terphenyl	64%	65%	70%	92%	<u>%REC Limits</u> 50-150
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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: mg/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Analyzed:	10/29/20	10/29/20	10/29/20	10/29/20	
AA ID No:	0J21020-06	0J21020-07	0J21020-08	0J21020-09	
Client ID No:	GMW-31	DUP-2	GMW-42	GMW-41	
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	0.13	<0.10	<0.10	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	90%	89%	84%	65%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: mg/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/23/20	10/23/20	10/23/20	10/26/20	
Date Analyzed:	10/29/20	10/29/20	10/29/20	11/03/20	
AA ID No:	0J21020-10	0J21020-11	0J21020-12	0J21020-13	
Client ID No:	GMW-44	MW-29	MW-16	MW-17	
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	86%	114%	150%	77%	50-150

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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Analyzed:	10/23/20	10/23/20	10/23/20	10/23/20	
AA ID No:	OJ21020-03	OJ21020-04	OJ21020-05	OJ21020-06	
Client ID No:	GW-6	TF-9R	GMW-17R	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%	89%	91%	88%	<u>%REC Limits</u> 80-120
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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Analyzed:	10/23/20	10/23/20	10/23/20	10/23/20	
AA ID No:	0J21020-07	0J21020-08	0J21020-09	0J21020-10	
Client ID No:	DUP-2	GMW-42	GMW-41	GMW-44	
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	85%	85%	80%	92%	<u>%REC Limits</u> 80-120
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/20/20	10/20/20	10/20/20	
Date Prepared:	10/23/20	10/23/20	10/23/20	
Date Analyzed:	10/23/20	10/23/20	10/23/20	
AA ID No:	0J21020-11	0J21020-12	0J21020-13	
Client ID No:	MW-29	MW-16	MW-17	
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	77%	85%	84%	<u>%REC Limits</u> 80-120
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B

Blank (B0J2301-BLK1)

Prepared & Analyzed: 10/26/20

Acetone	<10	10	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)	<10	10	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							

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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
Blank (B0J2301-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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)	<10	10	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)	<10	10	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							

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Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
Blank (B0J2301-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>59.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>120</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</i>	<i>83-134</i>			
LCS (B0J2301-BS1)										
Prepared & Analyzed: 10/26/20										
Acetone	14.2	10	ug/L	20.0		70.9	27-123			
tert-Amyl-Methyl Ether (TAME)	15.3	2.0	ug/L	20.0		76.7	58-133			
Benzene	19.0	0.50	ug/L	20.0		95.2	60-134			
Bromobenzene	23.2	0.50	ug/L	20.0		116	70-130			
Bromochloromethane	22.5	0.50	ug/L	20.0		112	78-121			
Bromodichloromethane	20.7	0.50	ug/L	20.0		103	74-135			
Bromoform	18.1	0.50	ug/L	20.0		90.4	68-132			
Bromomethane	20.3	0.50	ug/L	20.0		102	58-142			
2-Butanone (MEK)	13.0	10	ug/L	20.0		65.2	62-138			
tert-Butyl Alcohol (TBA)	67.1	10	ug/L	100		67.1	65-148			
sec-Butylbenzene	19.7	0.50	ug/L	20.0		98.6	84-142			
tert-Butylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130			
n-Butylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
Carbon Disulfide	22.0	0.50	ug/L	20.0		110	17-177			
Carbon Tetrachloride	26.4	0.50	ug/L	20.0		132	66-155			
Chlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
Chloroethane	26.3	0.50	ug/L	20.0		132	45-166			
Chloroform	25.6	0.50	ug/L	20.0		128	71-131			
Chloromethane	29.4	0.50	ug/L	20.0		147	48-152			

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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS (B0J2301-BS1) Continued										
Prepared & Analyzed: 10/26/20										
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
4-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	19.8	1.0	ug/L	20.0		99.2	53-145			
Dibromochloromethane	19.0	0.50	ug/L	20.0		95.2	72-133			
1,2-Dibromoethane (EDB)	18.4	0.50	ug/L	20.0		91.9	79-120			
Dibromomethane	25.0	0.50	ug/L	20.0		125	68-124			QL-02
1,3-Dichlorobenzene	19.3	0.50	ug/L	20.0		96.5	70-130			
1,2-Dichlorobenzene	18.4	0.50	ug/L	20.0		92.2	70-130			
1,4-Dichlorobenzene	19.6	0.50	ug/L	20.0		97.8	70-130			
Dichlorodifluoromethane (R12)	24.3	0.50	ug/L	20.0		121	16-148			
1,1-Dichloroethane	23.8	0.50	ug/L	20.0		119	67-120			
1,2-Dichloroethane (EDC)	24.5	0.50	ug/L	20.0		123	57-156			
1,1-Dichloroethylene	34.2	0.50	ug/L	20.0		171	50-149			QL-06
trans-1,2-Dichloroethylene	26.8	0.50	ug/L	20.0		134	66-126			QL-06
cis-1,2-Dichloroethylene	23.5	0.50	ug/L	20.0		118	70-124			
1,2-Dichloropropane	16.7	0.50	ug/L	20.0		83.4	53-139			
2,2-Dichloropropane	26.1	0.50	ug/L	20.0		130	44-162			
1,3-Dichloropropane	17.1	0.50	ug/L	20.0		85.7	79-113			
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.4	67-127			
trans-1,3-Dichloropropylene	17.9	0.50	ug/L	20.0		89.5	76-121			
1,1-Dichloropropylene	24.3	0.50	ug/L	20.0		122	84-124			
Diisopropyl ether (DIPE)	14.2	2.0	ug/L	20.0		71.2	51-136			
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124			
Ethyl-tert-Butyl Ether (ETBE)	16.7	2.0	ug/L	20.0		83.4	62-136			
Gasoline Range Organics (GRO)	524	100	ug/L	500		105	60-123			
Hexachlorobutadiene	20.7	1.0	ug/L	20.0		104	76-140			
2-Hexanone (MBK)	11.8	10	ug/L	20.0		59.2	52-123			
Isopropylbenzene	20.9	0.50	ug/L	20.0		104	70-130			
4-Isopropyltoluene	20.4	1.0	ug/L	20.0		102	70-130			
Methyl-tert-Butyl Ether (MTBE)	31.8	1.2	ug/L	40.0		79.6	58-144			
Methylene Chloride	25.1	5.0	ug/L	20.0		125	50-135			
4-Methyl-2-pentanone (MIBK)	12.5	10	ug/L	20.0		62.6	49-139			

Viorel Vasile
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LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS (B0J2301-BS1) Continued										
Prepared & Analyzed: 10/26/20										
Naphthalene	19.4	2.0	ug/L	20.0		97.1	74-128			
n-Propylbenzene	24.1	0.50	ug/L	20.0		120	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	19.7	0.50	ug/L	20.0		98.6	70-130			
1,1,2,2-Tetrachloroethane	16.6	0.50	ug/L	20.0		82.8	58-126			
Tetrachloroethylene (PCE)	24.3	0.50	ug/L	20.0		122	70-130			
Toluene	20.5	0.50	ug/L	20.0		102	83-118			
1,2,3-Trichlorobenzene	18.7	0.50	ug/L	20.0		93.6	77-134			
1,2,4-Trichlorobenzene	19.6	0.50	ug/L	20.0		98.2	84-128			
1,1,1-Trichloroethane	26.4	0.50	ug/L	20.0		132	66-158			
1,1,2-Trichloroethane	16.2	0.50	ug/L	20.0		81.2	75-115			
Trichloroethylene (TCE)	22.5	0.50	ug/L	20.0		113	82-128			
Trichlorofluoromethane (R11)	33.0	0.50	ug/L	20.0		165	65-137			QL-06
1,2,3-Trichloropropane	19.2	0.50	ug/L	20.0		96.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	26.9	0.50	ug/L	20.0		135	62-130			QL-02
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	19.6	0.50	ug/L	20.0		97.9	70-130			
Vinyl chloride	25.3	0.50	ug/L	20.0		126	51-151			
o-Xylene	20.9	0.50	ug/L	20.0		105	70-130			
m,p-Xylenes	43.2	1.0	ug/L	40.0		108	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.2		ug/L	50.0		98.3	80-129			
<i>Surrogate: Dibromofluoromethane</i>	58.4		ug/L	50.0		117	68-137			
<i>Surrogate: Toluene-d8</i>	46.6		ug/L	50.0		93.2	83-134			
LCS Dup (B0J2301-BSD1)										
Prepared: 10/26/20 Analyzed: 10/27/20										
Acetone	13.5	10	ug/L	20.0		67.7	27-123	4.62	30	
tert-Amyl-Methyl Ether (TAME)	13.8	2.0	ug/L	20.0		69.2	58-133	10.2	30	
Benzene	19.9	0.50	ug/L	20.0		99.4	60-134	4.37	30	
Bromobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	15.5	30	
Bromochloromethane	23.2	0.50	ug/L	20.0		116	78-121	3.15	30	
Bromodichloromethane	18.6	0.50	ug/L	20.0		93.0	74-135	10.6	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS Dup (B0J2301-BSD1) Continued										
Prepared: 10/26/20 Analyzed: 10/27/20										
Bromoform	13.9	0.50	ug/L	20.0		69.4	68-132	26.3	30	
Bromomethane	35.8	0.50	ug/L	20.0		179	58-142	55.3	30	QL-03
2-Butanone (MEK)	11.9	10	ug/L	20.0		59.4	62-138	9.23	30	QL-03
tert-Butyl Alcohol (TBA)	50.5	10	ug/L	100		50.5	65-148	28.3	30	QL-03
sec-Butylbenzene	19.5	0.50	ug/L	20.0		97.6	84-142	1.02	30	
tert-Butylbenzene	18.5	0.50	ug/L	20.0		92.4	70-130	4.24	30	
n-Butylbenzene	19.3	0.50	ug/L	20.0		96.7	70-130	0.155	30	
Carbon Disulfide	20.7	0.50	ug/L	20.0		104	17-177	5.72	30	
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	66-155	8.59	30	
Chlorobenzene	18.8	0.50	ug/L	20.0		93.8	70-130	6.69	30	
Chloroethane	25.4	0.50	ug/L	20.0		127	45-166	3.32	30	
Chloroform	25.0	0.50	ug/L	20.0		125	71-131	2.29	30	
Chloromethane	29.9	0.50	ug/L	20.0		150	48-152	1.62	30	
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130	0.00	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130	0.345	30	
1,2-Dibromo-3-chloropropane	14.2	1.0	ug/L	20.0		71.0	53-145	33.1	30	QR-02
Dibromochloromethane	16.6	0.50	ug/L	20.0		82.8	72-133	13.9	30	
1,2-Dibromoethane (EDB)	15.7	0.50	ug/L	20.0		78.6	79-120	15.6	30	QL-03
Dibromomethane	20.4	0.50	ug/L	20.0		102	68-124	20.4	30	
1,3-Dichlorobenzene	18.6	0.50	ug/L	20.0		93.0	70-130	3.69	30	
1,2-Dichlorobenzene	17.9	0.50	ug/L	20.0		89.5	70-130	2.92	30	
1,4-Dichlorobenzene	18.7	0.50	ug/L	20.0		93.4	70-130	4.66	30	
Dichlorodifluoromethane (R12)	19.4	0.50	ug/L	20.0		97.2	16-148	22.0	30	
1,1-Dichloroethane	23.0	0.50	ug/L	20.0		115	67-120	3.51	30	
1,2-Dichloroethane (EDC)	21.6	0.50	ug/L	20.0		108	57-156	12.9	30	
1,1-Dichloroethylene	30.8	0.50	ug/L	20.0		154	50-149	10.3	30	QL-06
trans-1,2-Dichloroethylene	28.2	0.50	ug/L	20.0		141	66-126	5.12	30	QL-06
cis-1,2-Dichloroethylene	24.0	0.50	ug/L	20.0		120	70-124	2.19	30	
1,2-Dichloropropane	17.3	0.50	ug/L	20.0		86.6	53-139	3.71	30	
2,2-Dichloropropane	24.0	0.50	ug/L	20.0		120	44-162	8.59	30	
1,3-Dichloropropane	16.1	0.50	ug/L	20.0		80.7	79-113	6.01	30	
cis-1,3-Dichloropropylene	15.8	0.50	ug/L	20.0		79.1	67-127	11.1	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS Dup (B0J2301-BSD1) Continued										
Prepared: 10/26/20 Analyzed: 10/27/20										
trans-1,3-Dichloropropylene	17.8	0.50	ug/L	20.0		89.0	76-121	0.504	30	
1,1-Dichloropropylene	23.8	0.50	ug/L	20.0		119	84-124	2.16	30	
Diisopropyl ether (DIPE)	15.6	2.0	ug/L	20.0		78.2	51-136	9.37	30	
Ethylbenzene	19.7	0.50	ug/L	20.0		98.6	86-124	7.33	30	
Ethyl-tert-Butyl Ether (ETBE)	15.7	2.0	ug/L	20.0		78.3	62-136	6.37	30	
Gasoline Range Organics (GRO)	546	100	ug/L	500		109	60-123	4.17	30	
Hexachlorobutadiene	16.8	1.0	ug/L	20.0		83.9	76-140	21.0	30	
2-Hexanone (MBK)	10.1	10	ug/L	20.0		50.4	52-123	16.1	30	QL-03
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130	1.01	30	
4-Isopropyltoluene	20.3	1.0	ug/L	20.0		102	70-130	0.0983	30	
Methyl-tert-Butyl Ether (MTBE)	28.5	1.2	ug/L	40.0		71.4	58-144	10.9	30	
Methylene Chloride	26.3	5.0	ug/L	20.0		131	50-135	4.67	30	
4-Methyl-2-pentanone (MIBK)	11.0	10	ug/L	20.0		54.8	49-139	13.5	30	
Naphthalene	14.7	2.0	ug/L	20.0		73.6	74-128	27.5	30	QL-03
n-Propylbenzene	20.7	0.50	ug/L	20.0		104	70-130	15.1	30	
Styrene	18.4	0.50	ug/L	20.0		91.8	84-123	9.49	30	
1,1,1,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		91.8	70-130	7.20	30	
1,1,2,2-Tetrachloroethane	13.0	0.50	ug/L	20.0		65.0	58-126	24.1	30	
Tetrachloroethylene (PCE)	24.1	0.50	ug/L	20.0		120	70-130	0.868	30	
Toluene	22.2	0.50	ug/L	20.0		111	83-118	8.24	30	
1,2,3-Trichlorobenzene	15.6	0.50	ug/L	20.0		77.9	77-134	18.4	30	
1,2,4-Trichlorobenzene	16.0	0.50	ug/L	20.0		80.2	84-128	20.1	30	QL-03
1,1,1-Trichloroethane	23.6	0.50	ug/L	20.0		118	66-158	11.5	30	
1,1,2-Trichloroethane	16.9	0.50	ug/L	20.0		84.7	75-115	4.28	30	
Trichloroethylene (TCE)	22.3	0.50	ug/L	20.0		112	82-128	0.803	30	
Trichlorofluoromethane (R11)	27.7	0.50	ug/L	20.0		138	65-137	17.3	30	QL-06
1,2,3-Trichloropropane	13.1	0.50	ug/L	20.0		65.4	68-123	37.8	30	QL-03
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	25.1	0.50	ug/L	20.0		125	62-130	7.12	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	0.437	30	
1,2,4-Trimethylbenzene	19.9	0.50	ug/L	20.0		99.6	70-130	1.72	30	
Vinyl chloride	26.0	0.50	ug/L	20.0		130	51-151	2.89	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B

LCS Dup (B0J2301-BSD1) Continued

Prepared: 10/26/20 Analyzed: 10/27/20

o-Xylene	18.8	0.50	ug/L	20.0	94.2	70-130	10.5	30	
m,p-Xylenes	39.1	1.0	ug/L	40.0	97.8	70-130	9.77	30	
Surrogate: 4-Bromofluorobenzene	49.2		ug/L	50.0	98.5	80-129			
Surrogate: Dibromofluoromethane	58.8		ug/L	50.0	118	68-137			
Surrogate: Toluene-d8	54.1		ug/L	50.0	108	83-134			

VOCs & OXYGENATES by GC/MS - Quality Control

Batch B0J2301 - EPA 5030B

Blank (B0J2301-BLK1)

Prepared & Analyzed: 10/26/20

Acetone	<10	10	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)	<10	10	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						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
Blank (B0J2301-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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							
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)	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
Blank (B0J2301-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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							
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>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>59.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>120</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>53.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</i>	<i>83-134</i>			
LCS (B0J2301-BS1)										
Prepared & Analyzed: 10/26/20										
Acetone	14.2	10	ug/L	20.0		70.9	27-123			
tert-Amyl-Methyl Ether (TAME)	15.3	2.0	ug/L	20.0		76.7	58-133			
Benzene	19.0	0.50	ug/L	20.0		95.2	60-134			
Bromobenzene	23.2	0.50	ug/L	20.0		116	70-130			
Bromochloromethane	22.5	0.50	ug/L	20.0		112	78-121			
Bromodichloromethane	20.7	0.50	ug/L	20.0		103	74-135			
Bromoform	18.1	0.50	ug/L	20.0		90.4	68-132			
Bromomethane	20.3	0.50	ug/L	20.0		102	58-142			
2-Butanone (MEK)	13.0	10	ug/L	20.0		65.2	62-138			
tert-Butyl Alcohol (TBA)	67.1	10	ug/L	100		67.1	65-148			
sec-Butylbenzene	19.7	0.50	ug/L	20.0		98.6	84-142			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS (B0J2301-BS1) Continued										
Prepared & Analyzed: 10/26/20										
tert-Butylbenzene	19.3	0.50	ug/L	20.0		96.4	70-130			
n-Butylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
Carbon Disulfide	22.0	0.50	ug/L	20.0		110	17-177			
Carbon Tetrachloride	26.4	0.50	ug/L	20.0		132	66-155			
Chlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
Chloroethane	26.3	0.50	ug/L	20.0		132	45-166			
Chloroform	25.6	0.50	ug/L	20.0		128	71-131			
Chloromethane	29.4	0.50	ug/L	20.0		147	48-152			
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
4-Chlorotoluene	20.3	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	19.8	1.0	ug/L	20.0		99.2	53-145			
Dibromochloromethane	19.0	0.50	ug/L	20.0		95.2	72-133			
1,2-Dibromoethane (EDB)	18.4	0.50	ug/L	20.0		91.9	79-120			
Dibromomethane	25.0	0.50	ug/L	20.0		125	68-124			QL-02
1,3-Dichlorobenzene	19.3	0.50	ug/L	20.0		96.5	70-130			
1,2-Dichlorobenzene	18.4	0.50	ug/L	20.0		92.2	70-130			
1,4-Dichlorobenzene	19.6	0.50	ug/L	20.0		97.8	70-130			
Dichlorodifluoromethane (R12)	24.3	0.50	ug/L	20.0		121	16-148			
1,1-Dichloroethane	23.8	0.50	ug/L	20.0		119	67-120			
1,2-Dichloroethane (EDC)	24.5	0.50	ug/L	20.0		123	57-156			
1,1-Dichloroethylene	34.2	0.50	ug/L	20.0		171	50-149			QL-06
trans-1,2-Dichloroethylene	26.8	0.50	ug/L	20.0		134	66-126			QL-06
cis-1,2-Dichloroethylene	23.5	0.50	ug/L	20.0		118	70-124			
1,2-Dichloropropane	16.7	0.50	ug/L	20.0		83.4	53-139			
2,2-Dichloropropane	26.1	0.50	ug/L	20.0		130	44-162			
1,3-Dichloropropane	17.1	0.50	ug/L	20.0		85.7	79-113			
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.4	67-127			
trans-1,3-Dichloropropylene	17.9	0.50	ug/L	20.0		89.5	76-121			
1,1-Dichloropropylene	24.3	0.50	ug/L	20.0		122	84-124			
Diisopropyl ether (DIPE)	14.2	2.0	ug/L	20.0		71.2	51-136			
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124			
Ethyl-tert-Butyl Ether (ETBE)	16.7	2.0	ug/L	20.0		83.4	62-136			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS (B0J2301-BS1) Continued										
Prepared & Analyzed: 10/26/20										
Hexachlorobutadiene	20.7	1.0	ug/L	20.0		104	76-140			
2-Hexanone (MBK)	11.8	10	ug/L	20.0		59.2	52-123			
Isopropylbenzene	20.9	0.50	ug/L	20.0		104	70-130			
4-Isopropyltoluene	20.4	1.0	ug/L	20.0		102	70-130			
Methyl-tert-Butyl Ether (MTBE)	31.8	1.2	ug/L	40.0		79.6	58-144			
Methylene Chloride	25.1	5.0	ug/L	20.0		125	50-135			
4-Methyl-2-pentanone (MIBK)	12.5	10	ug/L	20.0		62.6	49-139			
Naphthalene	19.4	2.0	ug/L	20.0		97.1	74-128			
n-Propylbenzene	24.1	0.50	ug/L	20.0		120	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	19.7	0.50	ug/L	20.0		98.6	70-130			
1,1,2,2-Tetrachloroethane	16.6	0.50	ug/L	20.0		82.8	58-126			
Tetrachloroethylene (PCE)	24.3	0.50	ug/L	20.0		122	70-130			
Toluene	20.5	0.50	ug/L	20.0		102	83-118			
1,2,3-Trichlorobenzene	18.7	0.50	ug/L	20.0		93.6	77-134			
1,2,4-Trichlorobenzene	19.6	0.50	ug/L	20.0		98.2	84-128			
1,1,1-Trichloroethane	26.4	0.50	ug/L	20.0		132	66-158			
1,1,2-Trichloroethane	16.2	0.50	ug/L	20.0		81.2	75-115			
Trichloroethylene (TCE)	22.5	0.50	ug/L	20.0		113	82-128			
Trichlorofluoromethane (R11)	33.0	0.50	ug/L	20.0		165	65-137			QL-06
1,2,3-Trichloropropane	19.2	0.50	ug/L	20.0		96.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	26.9	0.50	ug/L	20.0		135	62-130			QL-02
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	19.6	0.50	ug/L	20.0		97.9	70-130			
Vinyl chloride	25.3	0.50	ug/L	20.0		126	51-151			
o-Xylene	20.9	0.50	ug/L	20.0		105	70-130			
m,p-Xylenes	43.2	1.0	ug/L	40.0		108	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.2		ug/L	50.0		98.3	80-129			
<i>Surrogate: Dibromofluoromethane</i>	58.4		ug/L	50.0		117	68-137			
<i>Surrogate: Toluene-d8</i>	46.6		ug/L	50.0		93.2	83-134			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS Dup (B0J2301-BSD1)										
Prepared: 10/26/20 Analyzed: 10/27/20										
Acetone	13.5	10	ug/L	20.0		67.7	27-123	4.62	30	
tert-Amyl-Methyl Ether (TAME)	13.8	2.0	ug/L	20.0		69.2	58-133	10.2	30	
Benzene	19.9	0.50	ug/L	20.0		99.4	60-134	4.37	30	
Bromobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	15.5	30	
Bromochloromethane	23.2	0.50	ug/L	20.0		116	78-121	3.15	30	
Bromodichloromethane	18.6	0.50	ug/L	20.0		93.0	74-135	10.6	30	
Bromoform	13.9	0.50	ug/L	20.0		69.4	68-132	26.3	30	
Bromomethane	35.8	0.50	ug/L	20.0		179	58-142	55.3	30	QL-03
2-Butanone (MEK)	11.9	10	ug/L	20.0		59.4	62-138	9.23	30	QL-03
tert-Butyl Alcohol (TBA)	50.5	10	ug/L	100		50.5	65-148	28.3	30	QL-03
sec-Butylbenzene	19.5	0.50	ug/L	20.0		97.6	84-142	1.02	30	
tert-Butylbenzene	18.5	0.50	ug/L	20.0		92.4	70-130	4.24	30	
n-Butylbenzene	19.3	0.50	ug/L	20.0		96.7	70-130	0.155	30	
Carbon Disulfide	20.7	0.50	ug/L	20.0		104	17-177	5.72	30	
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	66-155	8.59	30	
Chlorobenzene	18.8	0.50	ug/L	20.0		93.8	70-130	6.69	30	
Chloroethane	25.4	0.50	ug/L	20.0		127	45-166	3.32	30	
Chloroform	25.0	0.50	ug/L	20.0		125	71-131	2.29	30	
Chloromethane	29.9	0.50	ug/L	20.0		150	48-152	1.62	30	
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130	0.00	30	
4-Chlorotoluene	20.3	0.50	ug/L	20.0		101	70-130	0.345	30	
1,2-Dibromo-3-chloropropane	14.2	1.0	ug/L	20.0		71.0	53-145	33.1	30	QR-02
Dibromochloromethane	16.6	0.50	ug/L	20.0		82.8	72-133	13.9	30	
1,2-Dibromoethane (EDB)	15.7	0.50	ug/L	20.0		78.6	79-120	15.6	30	QL-03
Dibromomethane	20.4	0.50	ug/L	20.0		102	68-124	20.4	30	
1,3-Dichlorobenzene	18.6	0.50	ug/L	20.0		93.0	70-130	3.69	30	
1,2-Dichlorobenzene	17.9	0.50	ug/L	20.0		89.5	70-130	2.92	30	
1,4-Dichlorobenzene	18.7	0.50	ug/L	20.0		93.4	70-130	4.66	30	
Dichlorodifluoromethane (R12)	19.4	0.50	ug/L	20.0		97.2	16-148	22.0	30	
1,1-Dichloroethane	23.0	0.50	ug/L	20.0		115	67-120	3.51	30	
1,2-Dichloroethane (EDC)	21.6	0.50	ug/L	20.0		108	57-156	12.9	30	
1,1-Dichloroethylene	30.8	0.50	ug/L	20.0		154	50-149	10.3	30	QL-06

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B

LCS Dup (B0J2301-BSD1) Continued

Prepared: 10/26/20 Analyzed: 10/27/20

trans-1,2-Dichloroethylene	28.2	0.50	ug/L	20.0		141	66-126	5.12	30	QL-06
cis-1,2-Dichloroethylene	24.0	0.50	ug/L	20.0		120	70-124	2.19	30	
1,2-Dichloropropane	17.3	0.50	ug/L	20.0		86.6	53-139	3.71	30	
2,2-Dichloropropane	24.0	0.50	ug/L	20.0		120	44-162	8.59	30	
1,3-Dichloropropane	16.1	0.50	ug/L	20.0		80.7	79-113	6.01	30	
cis-1,3-Dichloropropylene	15.8	0.50	ug/L	20.0		79.1	67-127	11.1	30	
trans-1,3-Dichloropropylene	17.8	0.50	ug/L	20.0		89.0	76-121	0.504	30	
1,1-Dichloropropylene	23.8	0.50	ug/L	20.0		119	84-124	2.16	30	
Diisopropyl ether (DIPE)	15.6	2.0	ug/L	20.0		78.2	51-136	9.37	30	
Ethylbenzene	19.7	0.50	ug/L	20.0		98.6	86-124	7.33	30	
Ethyl-tert-Butyl Ether (ETBE)	15.7	2.0	ug/L	20.0		78.3	62-136	6.37	30	
Hexachlorobutadiene	16.8	1.0	ug/L	20.0		83.9	76-140	21.0	30	
2-Hexanone (MBK)	10.1	10	ug/L	20.0		50.4	52-123	16.1	30	QL-03
Isopropylbenzene	20.7	0.50	ug/L	20.0		103	70-130	1.01	30	
4-Isopropyltoluene	20.3	1.0	ug/L	20.0		102	70-130	0.0983	30	
Methyl-tert-Butyl Ether (MTBE)	28.5	1.2	ug/L	40.0		71.4	58-144	10.9	30	
Methylene Chloride	26.3	5.0	ug/L	20.0		131	50-135	4.67	30	
4-Methyl-2-pentanone (MIBK)	11.0	10	ug/L	20.0		54.8	49-139	13.5	30	
Naphthalene	14.7	2.0	ug/L	20.0		73.6	74-128	27.5	30	QL-03
n-Propylbenzene	20.7	0.50	ug/L	20.0		104	70-130	15.1	30	
Styrene	18.4	0.50	ug/L	20.0		91.8	84-123	9.49	30	
1,1,1,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		91.8	70-130	7.20	30	
1,1,2,2-Tetrachloroethane	13.0	0.50	ug/L	20.0		65.0	58-126	24.1	30	
Tetrachloroethylene (PCE)	24.1	0.50	ug/L	20.0		120	70-130	0.868	30	
Toluene	22.2	0.50	ug/L	20.0		111	83-118	8.24	30	
1,2,3-Trichlorobenzene	15.6	0.50	ug/L	20.0		77.9	77-134	18.4	30	
1,2,4-Trichlorobenzene	16.0	0.50	ug/L	20.0		80.2	84-128	20.1	30	QL-03
1,1,1-Trichloroethane	23.6	0.50	ug/L	20.0		118	66-158	11.5	30	
1,1,2-Trichloroethane	16.9	0.50	ug/L	20.0		84.7	75-115	4.28	30	
Trichloroethylene (TCE)	22.3	0.50	ug/L	20.0		112	82-128	0.803	30	
Trichlorofluoromethane (R11)	27.7	0.50	ug/L	20.0		138	65-137	17.3	30	QL-06
1,2,3-Trichloropropane	13.1	0.50	ug/L	20.0		65.4	68-123	37.8	30	QL-03

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2301 - EPA 5030B</i>										
LCS Dup (B0J2301-BSD1) Continued										
				Prepared: 10/26/20 Analyzed: 10/27/20						
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	25.1	0.50	ug/L	20.0		125	62-130	7.12	30	
1,3,5-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	0.437	30	
1,2,4-Trimethylbenzene	19.9	0.50	ug/L	20.0		99.6	70-130	1.72	30	
Vinyl chloride	26.0	0.50	ug/L	20.0		130	51-151	2.89	30	
o-Xylene	18.8	0.50	ug/L	20.0		94.2	70-130	10.5	30	
m,p-Xylenes	39.1	1.0	ug/L	40.0		97.8	70-130	9.77	30	
Surrogate: 4-Bromofluorobenzene	49.2		ug/L	50.0		98.5	80-129			
Surrogate: Dibromofluoromethane	58.8		ug/L	50.0		118	68-137			
Surrogate: Toluene-d8	54.1		ug/L	50.0		108	83-134			
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B0J2309 - EPA 3510C</i>										
Blank (B0J2309-BLK1)										
				Prepared: 10/23/20 Analyzed: 10/29/20						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0308		mg/L	0.0400		76.9	50-150			
LCS (B0J2309-BS1)										
				Prepared: 10/23/20 Analyzed: 10/29/20						
Diesel Range Organics as Diesel	0.460	0.10	mg/L	0.800		57.5	36-132			
Surrogate: o-Terphenyl	0.0392		mg/L	0.0400		98.1	50-150			
LCS Dup (B0J2309-BSD1)										
				Prepared: 10/23/20 Analyzed: 10/29/20						
Diesel Range Organics as Diesel	0.360	0.10	mg/L	0.800		45.0	36-132	24.4	30	
Surrogate: o-Terphenyl	0.0317		mg/L	0.0400		79.3	50-150			
<i>Batch B0J2624 - EPA 3510C</i>										
Blank (B0J2624-BLK1)										
				Prepared: 10/26/20 Analyzed: 11/03/20						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0306		mg/L	0.0400		76.4	50-150			
LCS (B0J2624-BS1)										
				Prepared: 10/26/20 Analyzed: 11/03/20						
Diesel Range Organics as Diesel	0.527	0.10	mg/L	0.800		65.8	36-132			
Surrogate: o-Terphenyl	0.0324		mg/L	0.0400		81.0	50-150			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2624 - EPA 3510C</i>										
LCS Dup (B0J2624-BSD1) Prepared: 10/26/20 Analyzed: 11/03/20										
Diesel Range Organics as Diesel	0.499	0.10	mg/L	0.800		62.4	36-132	5.41	30	
<i>Surrogate: o-Terphenyl</i>	0.0337		mg/L	0.0400		84.2	50-150			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0J2302 - *** DEFAULT PREP ***</i>										
Blank (B0J2302-BLK1) Prepared & Analyzed: 10/23/20										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.8		ug/L	50.0		99.7	80-120			
LCS (B0J2302-BS1) Prepared & Analyzed: 10/23/20										
Gasoline Range Organics (GRO)	477	100	ug/L	500		95.4	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	56.2		ug/L	50.0		112	80-120			
LCS Dup (B0J2302-BSD1) Prepared & Analyzed: 10/23/20										
Gasoline Range Organics (GRO)	375	100	ug/L	500		75.0	75-125	24.0	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.1		ug/L	50.0		98.2	80-120			
Matrix Spike (B0J2302-MS1) Source: 0J21020-13 Prepared & Analyzed: 10/23/20										
Gasoline Range Organics (GRO)	405	100	ug/L	500	<100	81.1	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	51.2		ug/L	50.0		102	80-120			
Matrix Spike Dup (B0J2302-MSD1) Source: 0J21020-13 Prepared & Analyzed: 10/23/20										
Gasoline Range Organics (GRO)	421	100	ug/L	500	<100	84.2	70-130	3.82	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	53.1		ug/L	50.0		106	80-120			

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333807
Date Received: 10/21/20
Date Reported: 11/10/20

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] = **QL-06** : The recovery for this analyte in the LCS and LCSD is marginally above the upper control limit, therefore the reported concentration for this analyte may be biased high.
- [4] = **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.: 21403
 20200101 Page 1 of 1

Client: APX-S&I Project Name / No.: DFSP Norwalk Sampler's Name: DAVID LEBBA
 Project Manager: DAN SWENSSON Site Address: 15603 Norwalk Blvd. Sampler's Signature: [Signature]
 Phone: 562-597-1055 City: Norwalk P.O. No.: ---
 Fax: 562-597-1070 State & Zip: Ca 90651 Quote No.: ---

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)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Please enter the TAT Turnaround Codes ** below								Special Instructions		
						8268	8269	8270	8271	8272	8273	8274	8275			
QCTB-1	0721020-01	10-20-20	6:00	GW	2	X										
QCEB-1	-02	10-20-20	7:30	GW	3		X									
GW-6	-03	10-20-20	8:10	GW	6		X									
TR AR	-04	10-20-20	8:45	GW	6		X									
GMW-17R	-05	10-20-20	9:20	GW	6		X									
GMW-31	-06	10-20-20	9:35	GW	6		X									
DUP-2	-07	10-20-20	7:55	GW	6		X									
GMW-42	-08	10-20-20	10:35	GW	6		X									
GMW-41	-09	10-20-20	11:10	GW	6		X									
GMW-44	-10	10-20-20	12:05	GW	6		X									
MW-29	-11	10-20-20	12:40	GW	6		X									
MW-16	-12	10-20-20	1:10	GW	6		X									
MW-17	-13	10-20-20	1:40	GW	6		X									

For Laboratory Use
REVIEWED
 Date 10/24/20 Time 16:30
 TAT N Days Sign: Saba
 A.A. Project No.: A5333807/OT21020

Relinquished by	Date	Time	Received by
<u>[Signature]</u>	<u>10/21/20</u>	<u>13:00</u>	<u>[Signature]</u>
<u>[Signature]</u>	<u>10/21/20</u>	<u>15:17</u>	<u>[Signature]</u>
<u>[Signature]</u>			<u>[Signature]</u>

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

November 10, 2020

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5333808 / 0J21021**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/21/20 15:17 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', written over a light blue circular stamp.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	OJ21021-01	Water	5	10/21/20 06:00	10/21/20 15:17
QCEB-1	OJ21021-02	Water	5	10/21/20 07:35	10/21/20 15:17

8260B+OXYGENATES

GMW-61	OJ21021-03	Water	5	10/21/20 08:15	10/21/20 15:17
GW-15	OJ21021-04	Water	5	10/21/20 08:50	10/21/20 15:17
EXP-3	OJ21021-05	Water	5	10/21/20 09:30	10/21/20 15:17
GMW-60	OJ21021-06	Water	5	10/21/20 10:05	10/21/20 15:17
GW-16	OJ21021-07	Water	5	10/21/20 10:40	10/21/20 15:17
GMW-66R	OJ21021-08	Water	5	10/21/20 11:15	10/21/20 15:17
DUP-3	OJ21021-09	Water	5	10/21/20 00:00	10/21/20 15:17
GMW-48	OJ21021-10	Water	5	10/21/20 11:45	10/21/20 15:17
GMW-56	OJ21021-11	Water	5	10/21/20 12:15	10/21/20 15:17
GMW-06	OJ21021-12	Water	5	10/21/20 12:50	10/21/20 15:17
GMW-16	OJ21021-13	Water	5	10/21/20 13:35	10/21/20 15:17

Diesel Range Organics 8015M

QCEB-1	OJ21021-02	Water	5	10/21/20 07:35	10/21/20 15:17
GMW-61	OJ21021-03	Water	5	10/21/20 08:15	10/21/20 15:17
GW-15	OJ21021-04	Water	5	10/21/20 08:50	10/21/20 15:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
EXP-3	OJ21021-05	Water	5	10/21/20 09:30	10/21/20 15:17
GMW-60	OJ21021-06	Water	5	10/21/20 10:05	10/21/20 15:17
GW-16	OJ21021-07	Water	5	10/21/20 10:40	10/21/20 15:17
GMW-66R	OJ21021-08	Water	5	10/21/20 11:15	10/21/20 15:17
DUP-3	OJ21021-09	Water	5	10/21/20 00:00	10/21/20 15:17
GMW-48	OJ21021-10	Water	5	10/21/20 11:45	10/21/20 15:17
GMW-56	OJ21021-11	Water	5	10/21/20 12:15	10/21/20 15:17
GMW-06	OJ21021-12	Water	5	10/21/20 12:50	10/21/20 15:17
GMW-16	OJ21021-13	Water	5	10/21/20 13:35	10/21/20 15:17

Gasoline Range Organics 8015M

GMW-61	OJ21021-03	Water	5	10/21/20 08:15	10/21/20 15:17
GW-15	OJ21021-04	Water	5	10/21/20 08:50	10/21/20 15:17
EXP-3	OJ21021-05	Water	5	10/21/20 09:30	10/21/20 15:17
GMW-60	OJ21021-06	Water	5	10/21/20 10:05	10/21/20 15:17
GW-16	OJ21021-07	Water	5	10/21/20 10:40	10/21/20 15:17
GMW-66R	OJ21021-08	Water	5	10/21/20 11:15	10/21/20 15:17
DUP-3	OJ21021-09	Water	5	10/21/20 00:00	10/21/20 15:17
GMW-48	OJ21021-10	Water	5	10/21/20 11:45	10/21/20 15:17
GMW-56	OJ21021-11	Water	5	10/21/20 12:15	10/21/20 15:17
GMW-06	OJ21021-12	Water	5	10/21/20 12:50	10/21/20 15:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
GMW-16	0J21021-13	Water	5	10/21/20 13:35	10/21/20 15:17

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	
AA ID No:	0J21021-01	0J21021-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<10	<10	10
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)	<10	19	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	
AA ID No:	0J21021-01	0J21021-02	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	
AA ID No:	0J21021-01	0J21021-02	
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			<u>%REC Limits</u>
4-Bromofluorobenzene	105%	106%	80-129
Dibromofluoromethane	113%	116%	68-137
Toluene-d8	101%	101%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	OJ21021-03	OJ21021-04	OJ21021-05	OJ21021-06	
Client ID No:	GMW-61	GW-15	EXP-3	GMW-60	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
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)	<10	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20
AA ID No:	OJ21021-03	OJ21021-04	OJ21021-05	OJ21021-06
Client ID No:	GMW-61	GW-15	EXP-3	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)	<10	<10	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20
AA ID No:	OJ21021-03	OJ21021-04	OJ21021-05	OJ21021-06
Client ID No:	GMW-61	GW-15	EXP-3	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	<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%	103%	104%	105%	80-129
Dibromofluoromethane	118%	117%	120%	117%	68-137
Toluene-d8	99%	99%	100%	100%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-07	0J21021-08	0J21021-09	0J21021-10	
Client ID No:	GW-16	GMW-66R	DUP-3	GMW-48	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
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)	<10	<10	<10	<10	10
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	1.2	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-07	0J21021-08	0J21021-09	0J21021-10	
Client ID No:	GW-16	GMW-66R	DUP-3	GMW-48	
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)	<10	<10	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-07	0J21021-08	0J21021-09	0J21021-10	
Client ID No:	GW-16	GMW-66R	DUP-3	GMW-48	
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%	105%	104%	103%	80-129
Dibromofluoromethane	118%	114%	116%	116%	68-137
Toluene-d8	99%	101%	100%	100%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

	10/21/20	10/21/20	10/21/20	
Date Sampled:	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-11	0J21021-12	0J21021-13	
Client ID No:	GMW-56	GMW-06	GMW-16	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	10
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)	<10	<10	<10	10
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	0.80	0.54	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-11	0J21021-12	0J21021-13	
Client ID No:	GMW-56	GMW-06	GMW-16	
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)	<10	<10	<10	10
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)	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-11	0J21021-12	0J21021-13	
Client ID No:	GMW-56	GMW-06	GMW-16	
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	103%	103%	108%	80-129
Dibromofluoromethane	116%	114%	97%	68-137
Toluene-d8	101%	100%	110%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: mg/L

	10/21/20	10/21/20	10/21/20	10/21/20	
Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	11/03/20	11/03/20	11/04/20	11/03/20	
AA ID No:	OJ21021-02	OJ21021-03	OJ21021-04	OJ21021-05	
Client ID No:	QCEB-1	GMW-61	GW-15	EXP-3	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	10	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

	0.10	0.10	8.0	<0.10	0.10
Diesel Range Organics as Diesel	0.10	0.10	8.0	<0.10	0.10

Surrogates

	71%	81%	41% [6]	72%	<u>%REC Limits</u>
o-Terphenyl	71%	81%	41% [6]	72%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: mg/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	11/03/20	11/03/20	11/03/20	11/03/20	
AA ID No:	0J21021-06	0J21021-07	0J21021-08	0J21021-09	
Client ID No:	GMW-60	GW-16	GMW-66R	DUP-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	0.11	<0.10	0.12	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	77%	81%	73%	85%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: mg/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	11/03/20	11/03/20	11/03/20	11/03/20	
AA ID No:	0J21021-10	0J21021-11	0J21021-12	0J21021-13	
Client ID No:	GMW-48	GMW-56	GMW-06	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	0.13	0.13	<0.10	0.31	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	94%	94%	85%	105%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20
AA ID No:	OJ21021-03	OJ21021-04	OJ21021-05	OJ21021-06
Client ID No:	GMW-61	GW-15	EXP-3	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	82%	100%	88%	88%	%REC Limits 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-07	0J21021-08	0J21021-09	0J21021-10	
Client ID No:	GW-16	GMW-66R	DUP-3	GMW-48	
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%	86%	91%	90%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20
Units: ug/L

Date Sampled:	10/21/20	10/21/20	10/21/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	
Date Analyzed:	10/26/20	10/26/20	10/26/20	
AA ID No:	0J21021-11	0J21021-12	0J21021-13	
Client ID No:	GMW-56	GMW-06	GMW-16	
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	85%	88%	85%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B

Blank (B0J2303-BLK1)

Prepared & Analyzed: 10/26/20

Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Blank (B0J2303-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Blank (B0J2303-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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>57.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>114</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>83-134</i>			
LCS (B0J2303-BS1)										
Prepared & Analyzed: 10/26/20										
Acetone	9.99	10	ug/L	20.0		50.0	27-123			
tert-Amyl-Methyl Ether (TAME)	22.0	2.0	ug/L	20.0		110	58-133			
Benzene	23.3	0.50	ug/L	20.0		116	60-134			
Bromobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Bromochloromethane	23.0	0.50	ug/L	20.0		115	78-121			
Bromodichloromethane	24.7	0.50	ug/L	20.0		123	74-135			
Bromoform	17.5	0.50	ug/L	20.0		87.5	68-132			
Bromomethane	35.8	0.50	ug/L	20.0		179	58-142			QL-06
2-Butanone (MEK)	19.7	10	ug/L	20.0		98.3	62-138			
tert-Butyl Alcohol (TBA)	105	10	ug/L	100		105	65-148			
sec-Butylbenzene	22.1	0.50	ug/L	20.0		111	84-142			
tert-Butylbenzene	22.6	0.50	ug/L	20.0		113	70-130			
n-Butylbenzene	23.0	0.50	ug/L	20.0		115	70-130			
Carbon Disulfide	24.3	0.50	ug/L	20.0		121	17-177			
Carbon Tetrachloride	24.8	0.50	ug/L	20.0		124	66-155			
Chlorobenzene	21.7	0.50	ug/L	20.0		108	70-130			
Chloroethane	29.9	0.50	ug/L	20.0		149	45-166			
Chloroform	25.7	0.50	ug/L	20.0		128	71-131			
Chloromethane	32.6	0.50	ug/L	20.0		163	48-152			QL-06

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS (B0J2303-BS1) Continued										
Prepared & Analyzed: 10/26/20										
2-Chlorotoluene	23.4	0.50	ug/L	20.0		117	70-130			
4-Chlorotoluene	23.4	0.50	ug/L	20.0		117	70-130			
1,2-Dibromo-3-chloropropane	20.8	1.0	ug/L	20.0		104	53-145			
Dibromochloromethane	21.7	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	20.4	0.50	ug/L	20.0		102	79-120			
Dibromomethane	25.3	0.50	ug/L	20.0		126	68-124			QL-02
1,3-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,4-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
Dichlorodifluoromethane (R12)	22.0	0.50	ug/L	20.0		110	16-148			
1,1-Dichloroethane	26.4	0.50	ug/L	20.0		132	67-120			QL-06
1,2-Dichloroethane (EDC)	26.8	0.50	ug/L	20.0		134	57-156			
1,1-Dichloroethylene	23.5	0.50	ug/L	20.0		117	50-149			
trans-1,2-Dichloroethylene	23.7	0.50	ug/L	20.0		118	66-126			
cis-1,2-Dichloroethylene	22.7	0.50	ug/L	20.0		114	70-124			
1,2-Dichloropropane	24.4	0.50	ug/L	20.0		122	53-139			
2,2-Dichloropropane	36.5	0.50	ug/L	20.0		183	44-162			QL-02
1,3-Dichloropropane	23.2	0.50	ug/L	20.0		116	79-113			QL-02
cis-1,3-Dichloropropylene	24.4	0.50	ug/L	20.0		122	67-127			
trans-1,3-Dichloropropylene	23.7	0.50	ug/L	20.0		118	76-121			
1,1-Dichloropropylene	26.4	0.50	ug/L	20.0		132	84-124			QL-06
Diisopropyl ether (DIPE)	25.0	2.0	ug/L	20.0		125	51-136			
Ethylbenzene	22.3	0.50	ug/L	20.0		111	86-124			
Ethyl-tert-Butyl Ether (ETBE)	21.5	2.0	ug/L	20.0		108	62-136			
Gasoline Range Organics (GRO)	499	100	ug/L	500		99.9	60-123			
Hexachlorobutadiene	20.1	1.0	ug/L	20.0		100	76-140			
2-Hexanone (MBK)	20.2	10	ug/L	20.0		101	52-123			
Isopropylbenzene	21.9	0.50	ug/L	20.0		110	70-130			
4-Isopropyltoluene	23.2	1.0	ug/L	20.0		116	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.0	1.2	ug/L	40.0		117	58-144			
Methylene Chloride	26.0	5.0	ug/L	20.0		130	50-135			
4-Methyl-2-pentanone (MIBK)	17.2	10	ug/L	20.0		85.9	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS (B0J2303-BS1) Continued										
Prepared & Analyzed: 10/26/20										
Naphthalene	20.1	2.0	ug/L	20.0		100	74-128			
n-Propylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Styrene	21.7	0.50	ug/L	20.0		109	84-123			
1,1,1,2-Tetrachloroethane	22.0	0.50	ug/L	20.0		110	70-130			
1,1,2,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		108	58-126			
Tetrachloroethylene (PCE)	20.0	0.50	ug/L	20.0		99.8	70-130			
Toluene	22.4	0.50	ug/L	20.0		112	83-118			
1,2,3-Trichlorobenzene	18.4	0.50	ug/L	20.0		91.8	77-134			
1,2,4-Trichlorobenzene	18.8	0.50	ug/L	20.0		94.2	84-128			
1,1,1-Trichloroethane	25.3	0.50	ug/L	20.0		126	66-158			
1,1,2-Trichloroethane	21.0	0.50	ug/L	20.0		105	75-115			
Trichloroethylene (TCE)	22.6	0.50	ug/L	20.0		113	82-128			
Trichlorofluoromethane (R11)	22.3	0.50	ug/L	20.0		111	65-137			
1,2,3-Trichloropropane	22.8	0.50	ug/L	20.0		114	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.0	0.50	ug/L	20.0		120	62-130			
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
1,2,4-Trimethylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	27.8	0.50	ug/L	20.0		139	51-151			
o-Xylene	22.3	0.50	ug/L	20.0		111	70-130			
m,p-Xylenes	44.9	1.0	ug/L	40.0		112	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.5		ug/L	50.0		99.0	80-129			
<i>Surrogate: Dibromofluoromethane</i>	52.5		ug/L	50.0		105	68-137			
<i>Surrogate: Toluene-d8</i>	50.6		ug/L	50.0		101	83-134			
LCS Dup (B0J2303-BSD1)										
Prepared: 10/26/20 Analyzed: 10/27/20										
Acetone	12.7	10	ug/L	20.0		63.4	27-123	23.8	30	
tert-Amyl-Methyl Ether (TAME)	22.4	2.0	ug/L	20.0		112	58-133	1.90	30	
Benzene	24.4	0.50	ug/L	20.0		122	60-134	4.66	30	
Bromobenzene	19.8	0.50	ug/L	20.0		99.0	70-130	2.35	30	
Bromochloromethane	21.2	0.50	ug/L	20.0		106	78-121	8.14	30	
Bromodichloromethane	25.3	0.50	ug/L	20.0		127	74-135	2.56	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS Dup (B0J2303-BSD1) Continued										
					Prepared: 10/26/20 Analyzed: 10/27/20					
Bromoform	16.2	0.50	ug/L	20.0		81.0	68-132	7.78	30	
Bromomethane	34.2	0.50	ug/L	20.0		171	58-142	4.65	30	QL-06
2-Butanone (MEK)	20.3	10	ug/L	20.0		102	62-138	3.25	30	
tert-Butyl Alcohol (TBA)	93.6	10	ug/L	100		93.6	65-148	11.5	30	
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-142	2.52	30	
tert-Butylbenzene	22.3	0.50	ug/L	20.0		111	70-130	1.38	30	
n-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	3.41	30	
Carbon Disulfide	27.6	0.50	ug/L	20.0		138	17-177	12.7	30	
Carbon Tetrachloride	25.0	0.50	ug/L	20.0		125	66-155	1.00	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	1.68	30	
Chloroethane	42.3	0.50	ug/L	20.0		212	45-166	34.4	30	QL-03
Chloroform	27.1	0.50	ug/L	20.0		136	71-131	5.53	30	QL-03
Chloromethane	46.3	0.50	ug/L	20.0		231	48-152	34.6	30	QL-06
2-Chlorotoluene	22.9	0.50	ug/L	20.0		114	70-130	2.16	30	
4-Chlorotoluene	22.5	0.50	ug/L	20.0		112	70-130	3.92	30	
1,2-Dibromo-3-chloropropane	17.4	1.0	ug/L	20.0		87.0	53-145	17.8	30	
Dibromochloromethane	20.1	0.50	ug/L	20.0		100	72-133	7.71	30	
1,2-Dibromoethane (EDB)	19.7	0.50	ug/L	20.0		98.4	79-120	3.54	30	
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124	3.42	30	
1,3-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	3.13	30	
1,2-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130	2.41	30	
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	3.88	30	
Dichlorodifluoromethane (R12)	35.2	0.50	ug/L	20.0		176	16-148	46.1	30	QL-03
1,1-Dichloroethane	27.6	0.50	ug/L	20.0		138	67-120	4.41	30	QL-06
1,2-Dichloroethane (EDC)	28.0	0.50	ug/L	20.0		140	57-156	4.20	30	
1,1-Dichloroethylene	24.0	0.50	ug/L	20.0		120	50-149	1.98	30	
trans-1,2-Dichloroethylene	24.1	0.50	ug/L	20.0		120	66-126	1.80	30	
cis-1,2-Dichloroethylene	23.4	0.50	ug/L	20.0		117	70-124	2.73	30	
1,2-Dichloropropane	26.2	0.50	ug/L	20.0		131	53-139	6.80	30	
2,2-Dichloropropane	23.8	0.50	ug/L	20.0		119	44-162	42.4	30	
1,3-Dichloropropane	22.3	0.50	ug/L	20.0		111	79-113	3.96	30	
cis-1,3-Dichloropropylene	24.2	0.50	ug/L	20.0		121	67-127	0.535	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS Dup (B0J2303-BSD1) Continued										
					Prepared: 10/26/20 Analyzed: 10/27/20					
trans-1,3-Dichloropropylene	21.9	0.50	ug/L	20.0		110	76-121	7.63	30	
1,1-Dichloropropylene	27.6	0.50	ug/L	20.0		138	84-124	4.36	30	QL-06
Diisopropyl ether (DIPE)	27.1	2.0	ug/L	20.0		135	51-136	8.15	30	
Ethylbenzene	22.3	0.50	ug/L	20.0		112	86-124	0.135	30	
Ethyl-tert-Butyl Ether (ETBE)	23.0	2.0	ug/L	20.0		115	62-136	6.87	30	
Gasoline Range Organics (GRO)	510	100	ug/L	500		102	60-123	2.08	30	
Hexachlorobutadiene	18.7	1.0	ug/L	20.0		93.6	76-140	7.06	30	
2-Hexanone (MBK)	18.1	10	ug/L	20.0		90.3	52-123	11.0	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	1.70	30	
4-Isopropyltoluene	22.7	1.0	ug/L	20.0		114	70-130	2.13	30	
Methyl-tert-Butyl Ether (MTBE)	46.2	1.2	ug/L	40.0		115	58-144	1.65	30	
Methylene Chloride	27.2	5.0	ug/L	20.0		136	50-135	4.51	30	QL-03
4-Methyl-2-pentanone (MIBK)	17.0	10	ug/L	20.0		85.0	49-139	1.11	30	
Naphthalene	17.0	2.0	ug/L	20.0		85.1	74-128	16.5	30	
n-Propylbenzene	21.1	0.50	ug/L	20.0		106	70-130	1.32	30	
Styrene	20.9	0.50	ug/L	20.0		105	84-123	3.75	30	
1,1,1,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	70-130	6.42	30	
1,1,2,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	58-126	5.99	30	
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		98.1	70-130	1.72	30	
Toluene	22.4	0.50	ug/L	20.0		112	83-118	0.178	30	
1,2,3-Trichlorobenzene	16.2	0.50	ug/L	20.0		81.0	77-134	12.6	30	
1,2,4-Trichlorobenzene	17.3	0.50	ug/L	20.0		86.4	84-128	8.70	30	
1,1,1-Trichloroethane	26.0	0.50	ug/L	20.0		130	66-158	2.89	30	
1,1,2-Trichloroethane	20.6	0.50	ug/L	20.0		103	75-115	2.06	30	
Trichloroethylene (TCE)	23.8	0.50	ug/L	20.0		119	82-128	4.74	30	
Trichlorofluoromethane (R11)	26.6	0.50	ug/L	20.0		133	65-137	17.6	30	
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		104	68-123	8.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.2	0.50	ug/L	20.0		121	62-130	0.913	30	
1,3,5-Trimethylbenzene	22.0	0.50	ug/L	20.0		110	70-130	1.71	30	
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		105	70-130	1.69	30	
Vinyl chloride	48.8	0.50	ug/L	20.0		244	51-151	54.8	30	QL-03

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS Dup (B0J2303-BSD1) Continued										
				Prepared: 10/26/20 Analyzed: 10/27/20						
o-Xylene	21.6	0.50	ug/L	20.0		108	70-130	3.01	30	
m,p-Xylenes	43.7	1.0	ug/L	40.0		109	70-130	2.60	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>50.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>100</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.5</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</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>			
Matrix Spike (B0J2303-MS1) Source: 0J21021-03										
				Prepared & Analyzed: 10/26/20						
Acetone	20.6	10	ug/L	20.0		103	11-169			
tert-Amyl-Methyl Ether (TAME)	23.0	2.0	ug/L	20.0		115	66-133			
Benzene	23.0	0.50	ug/L	20.0		115	56-135			
Bromobenzene	17.7	0.50	ug/L	20.0		88.7	70-130			
Bromochloromethane	20.3	0.50	ug/L	20.0		101	74-125			
Bromodichloromethane	24.4	0.50	ug/L	20.0		122	68-144			
Bromoform	15.9	0.50	ug/L	20.0		79.7	68-151			
Bromomethane	22.7	0.50	ug/L	20.0		113	54-142			
2-Butanone (MEK)	20.7	10	ug/L	20.0		103	62-145			
tert-Butyl Alcohol (TBA)	102	10	ug/L	100		102	73-162			
sec-Butylbenzene	18.6	0.50	ug/L	20.0		93.1	84-145			
tert-Butylbenzene	19.2	0.50	ug/L	20.0		96.2	70-130			
n-Butylbenzene	19.3	0.50	ug/L	20.0		96.5	70-130			
Carbon Disulfide	23.9	0.50	ug/L	20.0		120	28-151			
Carbon Tetrachloride	23.4	0.50	ug/L	20.0		117	58-164			
Chlorobenzene	19.6	0.50	ug/L	20.0		98.2	70-130			
Chloroethane	32.5	0.50	ug/L	20.0		162	42-164			
Chloroform	25.7	0.50	ug/L	20.0		129	65-138			
Chloromethane	33.2	0.50	ug/L	20.0		166	50-152			**
2-Chlorotoluene	20.0	0.50	ug/L	20.0		99.8	70-130			
4-Chlorotoluene	19.9	0.50	ug/L	20.0		99.4	70-130			
1,2-Dibromo-3-chloropropane	17.1	1.0	ug/L	20.0		85.4	53-161			
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.4	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0		95.5	76-130			
Dibromomethane	22.8	0.50	ug/L	20.0		114	62-135			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike (B0J2303-MS1) Continued Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
1,3-Dichlorobenzene	18.5	0.50	ug/L	20.0		92.4	70-130			
1,2-Dichlorobenzene	18.6	0.50	ug/L	20.0		93.0	70-130			
1,4-Dichlorobenzene	18.9	0.50	ug/L	20.0		94.4	70-130			
Dichlorodifluoromethane (R12)	22.0	0.50	ug/L	20.0		110	17-153			
1,1-Dichloroethane	25.7	0.50	ug/L	20.0		128	55-131			
1,2-Dichloroethane (EDC)	26.8	0.50	ug/L	20.0		134	52-168			
1,1-Dichloroethylene	21.5	0.50	ug/L	20.0		108	51-140			
trans-1,2-Dichloroethylene	21.7	0.50	ug/L	20.0		109	59-127			
cis-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		110	70-130			
1,2-Dichloropropane	24.7	0.50	ug/L	20.0		124	52-142			
2,2-Dichloropropane	23.3	0.50	ug/L	20.0		116	36-168			
1,3-Dichloropropane	22.1	0.50	ug/L	20.0		111	80-121			
cis-1,3-Dichloropropylene	23.8	0.50	ug/L	20.0		119	66-130			
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0		107	78-130			
1,1-Dichloropropylene	25.4	0.50	ug/L	20.0		127	76-132			
Diisopropyl ether (DIPE)	26.3	2.0	ug/L	20.0		132	52-138			
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.1	2.0	ug/L	20.0		115	64-137			
Hexachlorobutadiene	16.2	1.0	ug/L	20.0		81.2	70-130			
2-Hexanone (MBK)	21.2	10	ug/L	20.0		106	52-141			
Isopropylbenzene	18.6	0.50	ug/L	20.0		93.1	70-130			
4-Isopropyltoluene	19.8	1.0	ug/L	20.0		98.8	83-149			
Methyl-tert-Butyl Ether (MTBE)	47.7	1.2	ug/L	40.0		119	56-150			
Methylene Chloride	24.1	5.0	ug/L	20.0		121	70-130			
4-Methyl-2-pentanone (MIBK)	17.7	10	ug/L	20.0		88.4	60-148			
Naphthalene	16.2	2.0	ug/L	20.0		80.8	70-130			
n-Propylbenzene	18.3	0.50	ug/L	20.0		91.3	70-130			
Styrene	19.1	0.50	ug/L	20.0		95.6	65-141			
1,1,1,2-Tetrachloroethane	19.6	0.50	ug/L	20.0		97.9	70-130			
1,1,2,2-Tetrachloroethane	20.7	0.50	ug/L	20.0		104	62-134			
Tetrachloroethylene (PCE)	17.8	0.50	ug/L	20.0		88.9	70-130			
Toluene	20.4	0.50	ug/L	20.0		102	81-123			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike (B0J2303-MS1) Continued Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
1,2,3-Trichlorobenzene	15.3	0.50	ug/L	20.0		76.4	73-144			
1,2,4-Trichlorobenzene	15.8	0.50	ug/L	20.0		79.2	80-137			QM-07
1,1,1-Trichloroethane	23.7	0.50	ug/L	20.0		119	62-164			
1,1,2-Trichloroethane	20.1	0.50	ug/L	20.0		101	76-122			
Trichloroethylene (TCE)	22.0	0.50	ug/L	20.0		110	72-136			
Trichlorofluoromethane (R11)	21.2	0.50	ug/L	20.0		106	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)	23.3	0.50	ug/L	20.0		117	62-126			
1,3,5-Trimethylbenzene	19.2	0.50	ug/L	20.0		96.1	70-130			
1,2,4-Trimethylbenzene	18.2	0.50	ug/L	20.0		91.0	89-134			
Vinyl chloride	33.7	0.50	ug/L	20.0		169	54-150			QM-07
o-Xylene	20.1	0.50	ug/L	20.0		100	70-130			
m,p-Xylenes	40.5	1.0	ug/L	40.0		101	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.9</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</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 (B0J2303-MSD1) Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Acetone	20.3	10	ug/L	20.0		101	11-169	1.66	30	
tert-Amyl-Methyl Ether (TAME)	23.9	2.0	ug/L	20.0		120	66-133	4.05	30	
Benzene	23.4	0.50	ug/L	20.0		117	56-135	1.64	30	
Bromobenzene	19.2	0.50	ug/L	20.0		96.0	70-130	7.85	30	
Bromochloromethane	21.6	0.50	ug/L	20.0		108	74-125	6.63	30	
Bromodichloromethane	25.0	0.50	ug/L	20.0		125	68-144	2.67	30	
Bromoform	17.3	0.50	ug/L	20.0		86.6	68-151	8.36	30	
Bromomethane	29.4	0.50	ug/L	20.0		147	54-142	25.6	30	**
2-Butanone (MEK)	24.9	10	ug/L	20.0		124	62-145	18.5	30	
tert-Butyl Alcohol (TBA)	104	10	ug/L	100		104	73-162	2.12	30	
sec-Butylbenzene	19.8	0.50	ug/L	20.0		99.0	84-145	6.09	30	
tert-Butylbenzene	20.2	0.50	ug/L	20.0		101	70-130	4.96	30	
n-Butylbenzene	20.3	0.50	ug/L	20.0		101	70-130	4.90	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike Dup (B0J2303-MSD1) Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Continued										
Carbon Disulfide	24.4	0.50	ug/L	20.0		122	28-151	1.94	30	
Carbon Tetrachloride	24.2	0.50	ug/L	20.0		121	58-164	3.02	30	
Chlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	5.20	30	
Chloroethane	31.6	0.50	ug/L	20.0		158	42-164	2.65	30	
Chloroform	26.1	0.50	ug/L	20.0		130	65-138	1.35	30	
Chloromethane	32.1	0.50	ug/L	20.0		160	50-152	3.52	30	**
2-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	5.32	30	
4-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	5.39	30	
1,2-Dibromo-3-chloropropane	19.8	1.0	ug/L	20.0		98.8	53-161	14.7	30	
Dibromochloromethane	21.0	0.50	ug/L	20.0		105	70-130	7.46	30	
1,2-Dibromoethane (EDB)	20.6	0.50	ug/L	20.0		103	76-130	7.70	30	
Dibromomethane	24.2	0.50	ug/L	20.0		121	62-135	5.91	30	
1,3-Dichlorobenzene	19.3	0.50	ug/L	20.0		96.6	70-130	4.44	30	
1,2-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.0	70-130	6.25	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	6.51	30	
Dichlorodifluoromethane (R12)	21.4	0.50	ug/L	20.0		107	17-153	2.72	30	
1,1-Dichloroethane	26.2	0.50	ug/L	20.0		131	55-131	1.89	30	
1,2-Dichloroethane (EDC)	27.7	0.50	ug/L	20.0		139	52-168	3.45	30	
1,1-Dichloroethylene	22.2	0.50	ug/L	20.0		111	51-140	3.02	30	
trans-1,2-Dichloroethylene	22.6	0.50	ug/L	20.0		113	59-127	4.15	30	
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0		111	70-130	0.633	30	
1,2-Dichloropropane	25.2	0.50	ug/L	20.0		126	52-142	1.88	30	
2,2-Dichloropropane	23.8	0.50	ug/L	20.0		119	36-168	2.38	30	
1,3-Dichloropropane	23.6	0.50	ug/L	20.0		118	80-121	6.43	30	
cis-1,3-Dichloropropylene	24.1	0.50	ug/L	20.0		121	66-130	1.50	30	
trans-1,3-Dichloropropylene	22.7	0.50	ug/L	20.0		114	78-130	5.89	30	
1,1-Dichloropropylene	26.2	0.50	ug/L	20.0		131	76-132	3.33	30	
Diisopropyl ether (DIPE)	26.8	2.0	ug/L	20.0		134	52-138	1.73	30	
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-128	4.83	30	
Ethyl-tert-Butyl Ether (ETBE)	23.9	2.0	ug/L	20.0		120	64-137	3.62	30	
Hexachlorobutadiene	16.7	1.0	ug/L	20.0		83.4	70-130	2.61	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike Dup (B0J2303-MSD1) Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Continued										
2-Hexanone (MBK)	22.2	10	ug/L	20.0		111	52-141	4.84	30	
Isopropylbenzene	19.6	0.50	ug/L	20.0		98.2	70-130	5.33	30	
4-Isopropyltoluene	20.6	1.0	ug/L	20.0		103	83-149	4.31	30	
Methyl-tert-Butyl Ether (MTBE)	49.7	1.2	ug/L	40.0		124	56-150	4.17	30	
Methylene Chloride	24.6	5.0	ug/L	20.0		123	70-130	2.21	30	
4-Methyl-2-pentanone (MIBK)	19.2	10	ug/L	20.0		96.0	60-148	8.13	30	
Naphthalene	19.1	2.0	ug/L	20.0		95.4	70-130	16.5	30	
n-Propylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130	5.90	30	
Styrene	20.4	0.50	ug/L	20.0		102	65-141	6.38	30	
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	70-130	3.86	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0		114	62-134	9.52	30	
Tetrachloroethylene (PCE)	18.9	0.50	ug/L	20.0		94.4	70-130	6.00	30	
Toluene	21.4	0.50	ug/L	20.0		107	81-123	4.68	30	
1,2,3-Trichlorobenzene	16.8	0.50	ug/L	20.0		84.0	73-144	9.48	30	
1,2,4-Trichlorobenzene	16.9	0.50	ug/L	20.0		84.6	80-137	6.60	30	
1,1,1-Trichloroethane	24.3	0.50	ug/L	20.0		122	62-164	2.54	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0		108	76-122	6.91	30	
Trichloroethylene (TCE)	22.5	0.50	ug/L	20.0		112	72-136	2.20	30	
Trichlorofluoromethane (R11)	21.5	0.50	ug/L	20.0		108	59-144	1.50	30	
1,2,3-Trichloropropane	23.7	0.50	ug/L	20.0		118	69-135	10.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	23.7	0.50	ug/L	20.0		118	62-126	1.49	30	
1,3,5-Trimethylbenzene	20.3	0.50	ug/L	20.0		102	70-130	5.47	30	
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.6	89-134	6.02	30	
Vinyl chloride	32.6	0.50	ug/L	20.0		163	54-150	3.32	30	QM-07
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130	3.47	30	
m,p-Xylenes	42.2	1.0	ug/L	40.0		105	70-130	4.14	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.3</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Blank (B0J2303-BLK1)										
Prepared & Analyzed: 10/26/20										
Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Blank (B0J2303-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Blank (B0J2303-BLK1) Continued										
Prepared & Analyzed: 10/26/20										
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>57.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>114</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.9</i>	<i>83-134</i>			
LCS (B0J2303-BS1)										
Prepared & Analyzed: 10/26/20										
Acetone	9.99	10	ug/L	20.0		50.0	27-123			
tert-Amyl-Methyl Ether (TAME)	22.0	2.0	ug/L	20.0		110	58-133			
Benzene	23.3	0.50	ug/L	20.0		116	60-134			
Bromobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Bromochloromethane	23.0	0.50	ug/L	20.0		115	78-121			
Bromodichloromethane	24.7	0.50	ug/L	20.0		123	74-135			
Bromoform	17.5	0.50	ug/L	20.0		87.5	68-132			
Bromomethane	35.8	0.50	ug/L	20.0		179	58-142			QL-06
2-Butanone (MEK)	19.7	10	ug/L	20.0		98.3	62-138			
tert-Butyl Alcohol (TBA)	105	10	ug/L	100		105	65-148			
sec-Butylbenzene	22.1	0.50	ug/L	20.0		111	84-142			
tert-Butylbenzene	22.6	0.50	ug/L	20.0		113	70-130			
n-Butylbenzene	23.0	0.50	ug/L	20.0		115	70-130			
Carbon Disulfide	24.3	0.50	ug/L	20.0		121	17-177			
Carbon Tetrachloride	24.8	0.50	ug/L	20.0		124	66-155			
Chlorobenzene	21.7	0.50	ug/L	20.0		108	70-130			
Chloroethane	29.9	0.50	ug/L	20.0		149	45-166			
Chloroform	25.7	0.50	ug/L	20.0		128	71-131			
Chloromethane	32.6	0.50	ug/L	20.0		163	48-152			QL-06
2-Chlorotoluene	23.4	0.50	ug/L	20.0		117	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS (B0J2303-BS1) Continued										
Prepared & Analyzed: 10/26/20										
4-Chlorotoluene	23.4	0.50	ug/L	20.0		117	70-130			
1,2-Dibromo-3-chloropropane	20.8	1.0	ug/L	20.0		104	53-145			
Dibromochloromethane	21.7	0.50	ug/L	20.0		108	72-133			
1,2-Dibromoethane (EDB)	20.4	0.50	ug/L	20.0		102	79-120			
Dibromomethane	25.3	0.50	ug/L	20.0		126	68-124			QL-02
1,3-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,2-Dichlorobenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,4-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
Dichlorodifluoromethane (R12)	22.0	0.50	ug/L	20.0		110	16-148			
1,1-Dichloroethane	26.4	0.50	ug/L	20.0		132	67-120			QL-06
1,2-Dichloroethane (EDC)	26.8	0.50	ug/L	20.0		134	57-156			
1,1-Dichloroethylene	23.5	0.50	ug/L	20.0		117	50-149			
trans-1,2-Dichloroethylene	23.7	0.50	ug/L	20.0		118	66-126			
cis-1,2-Dichloroethylene	22.7	0.50	ug/L	20.0		114	70-124			
1,2-Dichloropropane	24.4	0.50	ug/L	20.0		122	53-139			
2,2-Dichloropropane	36.5	0.50	ug/L	20.0		183	44-162			QL-02
1,3-Dichloropropane	23.2	0.50	ug/L	20.0		116	79-113			QL-02
cis-1,3-Dichloropropylene	24.4	0.50	ug/L	20.0		122	67-127			
trans-1,3-Dichloropropylene	23.7	0.50	ug/L	20.0		118	76-121			
1,1-Dichloropropylene	26.4	0.50	ug/L	20.0		132	84-124			QL-06
Diisopropyl ether (DIPE)	25.0	2.0	ug/L	20.0		125	51-136			
Ethylbenzene	22.3	0.50	ug/L	20.0		111	86-124			
Ethyl-tert-Butyl Ether (ETBE)	21.5	2.0	ug/L	20.0		108	62-136			
Hexachlorobutadiene	20.1	1.0	ug/L	20.0		100	76-140			
2-Hexanone (MBK)	20.2	10	ug/L	20.0		101	52-123			
Isopropylbenzene	21.9	0.50	ug/L	20.0		110	70-130			
4-Isopropyltoluene	23.2	1.0	ug/L	20.0		116	70-130			
Methyl-tert-Butyl Ether (MTBE)	47.0	1.2	ug/L	40.0		117	58-144			
Methylene Chloride	26.0	5.0	ug/L	20.0		130	50-135			
4-Methyl-2-pentanone (MIBK)	17.2	10	ug/L	20.0		85.9	49-139			
Naphthalene	20.1	2.0	ug/L	20.0		100	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS (B0J2303-BS1) Continued						Prepared & Analyzed: 10/26/20				
Styrene	21.7	0.50	ug/L	20.0		109	84-123			
1,1,1,2-Tetrachloroethane	22.0	0.50	ug/L	20.0		110	70-130			
1,1,2,2-Tetrachloroethane	21.7	0.50	ug/L	20.0		108	58-126			
Tetrachloroethylene (PCE)	20.0	0.50	ug/L	20.0		99.8	70-130			
Toluene	22.4	0.50	ug/L	20.0		112	83-118			
1,2,3-Trichlorobenzene	18.4	0.50	ug/L	20.0		91.8	77-134			
1,2,4-Trichlorobenzene	18.8	0.50	ug/L	20.0		94.2	84-128			
1,1,1-Trichloroethane	25.3	0.50	ug/L	20.0		126	66-158			
1,1,2-Trichloroethane	21.0	0.50	ug/L	20.0		105	75-115			
Trichloroethylene (TCE)	22.6	0.50	ug/L	20.0		113	82-128			
Trichlorofluoromethane (R11)	22.3	0.50	ug/L	20.0		111	65-137			
1,2,3-Trichloropropane	22.8	0.50	ug/L	20.0		114	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.0	0.50	ug/L	20.0		120	62-130			
1,3,5-Trimethylbenzene	22.4	0.50	ug/L	20.0		112	70-130			
1,2,4-Trimethylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
Vinyl chloride	27.8	0.50	ug/L	20.0		139	51-151			
o-Xylene	22.3	0.50	ug/L	20.0		111	70-130			
m,p-Xylenes	44.9	1.0	ug/L	40.0		112	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.5		ug/L	50.0		99.0	80-129			
<i>Surrogate: Dibromofluoromethane</i>	52.5		ug/L	50.0		105	68-137			
<i>Surrogate: Toluene-d8</i>	50.6		ug/L	50.0		101	83-134			
LCS Dup (B0J2303-BSD1)						Prepared: 10/26/20 Analyzed: 10/27/20				
Acetone	12.7	10	ug/L	20.0		63.4	27-123	23.8	30	
tert-Amyl-Methyl Ether (TAME)	22.4	2.0	ug/L	20.0		112	58-133	1.90	30	
Benzene	24.4	0.50	ug/L	20.0		122	60-134	4.66	30	
Bromobenzene	19.8	0.50	ug/L	20.0		99.0	70-130	2.35	30	
Bromochloromethane	21.2	0.50	ug/L	20.0		106	78-121	8.14	30	
Bromodichloromethane	25.3	0.50	ug/L	20.0		127	74-135	2.56	30	
Bromoform	16.2	0.50	ug/L	20.0		81.0	68-132	7.78	30	
Bromomethane	34.2	0.50	ug/L	20.0		171	58-142	4.65	30	QL-06

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS Dup (B0J2303-BSD1) Continued										
					Prepared: 10/26/20 Analyzed: 10/27/20					
2-Butanone (MEK)	20.3	10	ug/L	20.0		102	62-138	3.25	30	
tert-Butyl Alcohol (TBA)	93.6	10	ug/L	100		93.6	65-148	11.5	30	
sec-Butylbenzene	21.6	0.50	ug/L	20.0		108	84-142	2.52	30	
tert-Butylbenzene	22.3	0.50	ug/L	20.0		111	70-130	1.38	30	
n-Butylbenzene	22.2	0.50	ug/L	20.0		111	70-130	3.41	30	
Carbon Disulfide	27.6	0.50	ug/L	20.0		138	17-177	12.7	30	
Carbon Tetrachloride	25.0	0.50	ug/L	20.0		125	66-155	1.00	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	1.68	30	
Chloroethane	42.3	0.50	ug/L	20.0		212	45-166	34.4	30	QL-03
Chloroform	27.1	0.50	ug/L	20.0		136	71-131	5.53	30	QL-03
Chloromethane	46.3	0.50	ug/L	20.0		231	48-152	34.6	30	QL-06
2-Chlorotoluene	22.9	0.50	ug/L	20.0		114	70-130	2.16	30	
4-Chlorotoluene	22.5	0.50	ug/L	20.0		112	70-130	3.92	30	
1,2-Dibromo-3-chloropropane	17.4	1.0	ug/L	20.0		87.0	53-145	17.8	30	
Dibromochloromethane	20.1	0.50	ug/L	20.0		100	72-133	7.71	30	
1,2-Dibromoethane (EDB)	19.7	0.50	ug/L	20.0		98.4	79-120	3.54	30	
Dibromomethane	24.4	0.50	ug/L	20.0		122	68-124	3.42	30	
1,3-Dichlorobenzene	20.7	0.50	ug/L	20.0		104	70-130	3.13	30	
1,2-Dichlorobenzene	20.9	0.50	ug/L	20.0		104	70-130	2.41	30	
1,4-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	3.88	30	
Dichlorodifluoromethane (R12)	35.2	0.50	ug/L	20.0		176	16-148	46.1	30	QL-03
1,1-Dichloroethane	27.6	0.50	ug/L	20.0		138	67-120	4.41	30	QL-06
1,2-Dichloroethane (EDC)	28.0	0.50	ug/L	20.0		140	57-156	4.20	30	
1,1-Dichloroethylene	24.0	0.50	ug/L	20.0		120	50-149	1.98	30	
trans-1,2-Dichloroethylene	24.1	0.50	ug/L	20.0		120	66-126	1.80	30	
cis-1,2-Dichloroethylene	23.4	0.50	ug/L	20.0		117	70-124	2.73	30	
1,2-Dichloropropane	26.2	0.50	ug/L	20.0		131	53-139	6.80	30	
2,2-Dichloropropane	23.8	0.50	ug/L	20.0		119	44-162	42.4	30	
1,3-Dichloropropane	22.3	0.50	ug/L	20.0		111	79-113	3.96	30	
cis-1,3-Dichloropropylene	24.2	0.50	ug/L	20.0		121	67-127	0.535	30	
trans-1,3-Dichloropropylene	21.9	0.50	ug/L	20.0		110	76-121	7.63	30	
1,1-Dichloropropylene	27.6	0.50	ug/L	20.0		138	84-124	4.36	30	QL-06

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
LCS Dup (B0J2303-BSD1) Continued										
					Prepared: 10/26/20 Analyzed: 10/27/20					
Diisopropyl ether (DIPE)	27.1	2.0	ug/L	20.0		135	51-136	8.15	30	
Ethylbenzene	22.3	0.50	ug/L	20.0		112	86-124	0.135	30	
Ethyl-tert-Butyl Ether (ETBE)	23.0	2.0	ug/L	20.0		115	62-136	6.87	30	
Hexachlorobutadiene	18.7	1.0	ug/L	20.0		93.6	76-140	7.06	30	
2-Hexanone (MBK)	18.1	10	ug/L	20.0		90.3	52-123	11.0	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	1.70	30	
4-Isopropyltoluene	22.7	1.0	ug/L	20.0		114	70-130	2.13	30	
Methyl-tert-Butyl Ether (MTBE)	46.2	1.2	ug/L	40.0		115	58-144	1.65	30	
Methylene Chloride	27.2	5.0	ug/L	20.0		136	50-135	4.51	30	QL-03
4-Methyl-2-pentanone (MIBK)	17.0	10	ug/L	20.0		85.0	49-139	1.11	30	
Naphthalene	17.0	2.0	ug/L	20.0		85.1	74-128	16.5	30	
n-Propylbenzene	21.1	0.50	ug/L	20.0		106	70-130	1.32	30	
Styrene	20.9	0.50	ug/L	20.0		105	84-123	3.75	30	
1,1,1,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	70-130	6.42	30	
1,1,2,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	58-126	5.99	30	
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		98.1	70-130	1.72	30	
Toluene	22.4	0.50	ug/L	20.0		112	83-118	0.178	30	
1,2,3-Trichlorobenzene	16.2	0.50	ug/L	20.0		81.0	77-134	12.6	30	
1,2,4-Trichlorobenzene	17.3	0.50	ug/L	20.0		86.4	84-128	8.70	30	
1,1,1-Trichloroethane	26.0	0.50	ug/L	20.0		130	66-158	2.89	30	
1,1,2-Trichloroethane	20.6	0.50	ug/L	20.0		103	75-115	2.06	30	
Trichloroethylene (TCE)	23.8	0.50	ug/L	20.0		119	82-128	4.74	30	
Trichlorofluoromethane (R11)	26.6	0.50	ug/L	20.0		133	65-137	17.6	30	
1,2,3-Trichloropropane	20.9	0.50	ug/L	20.0		104	68-123	8.74	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	24.2	0.50	ug/L	20.0		121	62-130	0.913	30	
1,3,5-Trimethylbenzene	22.0	0.50	ug/L	20.0		110	70-130	1.71	30	
1,2,4-Trimethylbenzene	21.1	0.50	ug/L	20.0		105	70-130	1.69	30	
Vinyl chloride	48.8	0.50	ug/L	20.0		244	51-151	54.8	30	QL-03
o-Xylene	21.6	0.50	ug/L	20.0		108	70-130	3.01	30	
m,p-Xylenes	43.7	1.0	ug/L	40.0		109	70-130	2.60	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B

LCS Dup (B0J2303-BSD1) Continued

Prepared: 10/26/20 Analyzed: 10/27/20

Surrogate: 4-Bromofluorobenzene	50.1		ug/L	50.0		100	80-129			
Surrogate: Dibromofluoromethane	53.5		ug/L	50.0		107	68-137			
Surrogate: Toluene-d8	50.6		ug/L	50.0		101	83-134			

Matrix Spike (B0J2303-MS1)

Source: OJ21021-03 Prepared & Analyzed: 10/26/20

Acetone	20.6	10	ug/L	20.0	<10	103	11-169			
tert-Amyl-Methyl Ether (TAME)	23.0	2.0	ug/L	20.0	<2.0	115	66-133			
Benzene	23.0	0.50	ug/L	20.0	<0.50	115	56-135			
Bromobenzene	17.7	0.50	ug/L	20.0	<0.50	88.7	70-130			
Bromochloromethane	20.3	0.50	ug/L	20.0	<0.50	101	74-125			
Bromodichloromethane	24.4	0.50	ug/L	20.0	<0.50	122	68-144			
Bromoform	15.9	0.50	ug/L	20.0	<0.50	79.7	68-151			
Bromomethane	22.7	0.50	ug/L	20.0	<0.50	113	54-142			
2-Butanone (MEK)	20.7	10	ug/L	20.0	<10	103	62-145			
tert-Butyl Alcohol (TBA)	102	10	ug/L	100	<10	102	73-162			
sec-Butylbenzene	18.6	0.50	ug/L	20.0	<0.50	93.1	84-145			
tert-Butylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.2	70-130			
n-Butylbenzene	19.3	0.50	ug/L	20.0	<0.50	96.5	70-130			
Carbon Disulfide	23.9	0.50	ug/L	20.0	<0.50	120	28-151			
Carbon Tetrachloride	23.4	0.50	ug/L	20.0	<0.50	117	58-164			
Chlorobenzene	19.6	0.50	ug/L	20.0	<0.50	98.2	70-130			
Chloroethane	32.5	0.50	ug/L	20.0	<0.50	162	42-164			
Chloroform	25.7	0.50	ug/L	20.0	<0.50	129	65-138			
Chloromethane	33.2	0.50	ug/L	20.0	<0.50	166	50-152			**
2-Chlorotoluene	20.0	0.50	ug/L	20.0	<0.50	99.8	70-130			
4-Chlorotoluene	19.9	0.50	ug/L	20.0	<0.50	99.4	70-130			
1,2-Dibromo-3-chloropropane	17.1	1.0	ug/L	20.0	<1.0	85.4	53-161			
Dibromochloromethane	19.5	0.50	ug/L	20.0	<0.50	97.4	70-130			
1,2-Dibromoethane (EDB)	19.1	0.50	ug/L	20.0	<0.50	95.5	76-130			
Dibromomethane	22.8	0.50	ug/L	20.0	<0.50	114	62-135			
1,3-Dichlorobenzene	18.5	0.50	ug/L	20.0	<0.50	92.4	70-130			
1,2-Dichlorobenzene	18.6	0.50	ug/L	20.0	<0.50	93.0	70-130			
1,4-Dichlorobenzene	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike (B0J2303-MS1) Continued Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Dichlorodifluoromethane (R12)	22.0	0.50	ug/L	20.0	<0.50	110	17-153			
1,1-Dichloroethane	25.7	0.50	ug/L	20.0	<0.50	128	55-131			
1,2-Dichloroethane (EDC)	26.8	0.50	ug/L	20.0	<0.50	134	52-168			
1,1-Dichloroethylene	21.5	0.50	ug/L	20.0	<0.50	108	51-140			
trans-1,2-Dichloroethylene	21.7	0.50	ug/L	20.0	<0.50	109	59-127			
cis-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0	<0.50	110	70-130			
1,2-Dichloropropane	24.7	0.50	ug/L	20.0	<0.50	124	52-142			
2,2-Dichloropropane	23.3	0.50	ug/L	20.0	<0.50	116	36-168			
1,3-Dichloropropane	22.1	0.50	ug/L	20.0	<0.50	111	80-121			
cis-1,3-Dichloropropylene	23.8	0.50	ug/L	20.0	<0.50	119	66-130			
trans-1,3-Dichloropropylene	21.4	0.50	ug/L	20.0	<0.50	107	78-130			
1,1-Dichloropropylene	25.4	0.50	ug/L	20.0	<0.50	127	76-132			
Diisopropyl ether (DIPE)	26.3	2.0	ug/L	20.0	<2.0	132	52-138			
Ethylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	86-128			
Ethyl-tert-Butyl Ether (ETBE)	23.1	2.0	ug/L	20.0	<2.0	115	64-137			
Hexachlorobutadiene	16.2	1.0	ug/L	20.0	<1.0	81.2	70-130			
2-Hexanone (MBK)	21.2	10	ug/L	20.0	<10	106	52-141			
Isopropylbenzene	18.6	0.50	ug/L	20.0	<0.50	93.1	70-130			
4-Isopropyltoluene	19.8	1.0	ug/L	20.0	<1.0	98.8	83-149			
Methyl-tert-Butyl Ether (MTBE)	47.7	1.2	ug/L	40.0	<1.2	119	56-150			
Methylene Chloride	24.1	5.0	ug/L	20.0	<5.0	121	70-130			
4-Methyl-2-pentanone (MIBK)	17.7	10	ug/L	20.0	<10	88.4	60-148			
Naphthalene	16.2	2.0	ug/L	20.0	<2.0	80.8	70-130			
n-Propylbenzene	18.3	0.50	ug/L	20.0	<0.50	91.3	70-130			
Styrene	19.1	0.50	ug/L	20.0	<0.50	95.6	65-141			
1,1,1,2-Tetrachloroethane	19.6	0.50	ug/L	20.0	<0.50	97.9	70-130			
1,1,2,2-Tetrachloroethane	20.7	0.50	ug/L	20.0	<0.50	104	62-134			
Tetrachloroethylene (PCE)	17.8	0.50	ug/L	20.0	<0.50	88.9	70-130			
Toluene	20.4	0.50	ug/L	20.0	<0.50	102	81-123			
1,2,3-Trichlorobenzene	15.3	0.50	ug/L	20.0	<0.50	76.4	73-144			
1,2,4-Trichlorobenzene	15.8	0.50	ug/L	20.0	<0.50	79.2	80-137			QM-07
1,1,1-Trichloroethane	23.7	0.50	ug/L	20.0	<0.50	119	62-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike (B0J2303-MS1) Continued Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
1,1,2-Trichloroethane	20.1	0.50	ug/L	20.0	<0.50	101	76-122			
Trichloroethylene (TCE)	22.0	0.50	ug/L	20.0	<0.50	110	72-136			
Trichlorofluoromethane (R11)	21.2	0.50	ug/L	20.0	<0.50	106	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)	23.3	0.50	ug/L	20.0	<0.50	117	62-126			
1,3,5-Trimethylbenzene	19.2	0.50	ug/L	20.0	<0.50	96.1	70-130			
1,2,4-Trimethylbenzene	18.2	0.50	ug/L	20.0	<0.50	91.0	89-134			
Vinyl chloride	33.7	0.50	ug/L	20.0	<0.50	169	54-150			QM-07
o-Xylene	20.1	0.50	ug/L	20.0	<0.50	100	70-130			
m,p-Xylenes	40.5	1.0	ug/L	40.0	<1.0	101	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	49.0		ug/L	50.0		97.9	80-129			
<i>Surrogate: Dibromofluoromethane</i>	53.9		ug/L	50.0		108	68-137			
<i>Surrogate: Toluene-d8</i>	49.2		ug/L	50.0		98.4	83-134			
Matrix Spike Dup (B0J2303-MSD1) Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Acetone	20.3	10	ug/L	20.0	<10	101	11-169	1.66	30	
tert-Amyl-Methyl Ether (TAME)	23.9	2.0	ug/L	20.0	<2.0	120	66-133	4.05	30	
Benzene	23.4	0.50	ug/L	20.0	<0.50	117	56-135	1.64	30	
Bromobenzene	19.2	0.50	ug/L	20.0	<0.50	96.0	70-130	7.85	30	
Bromochloromethane	21.6	0.50	ug/L	20.0	<0.50	108	74-125	6.63	30	
Bromodichloromethane	25.0	0.50	ug/L	20.0	<0.50	125	68-144	2.67	30	
Bromoform	17.3	0.50	ug/L	20.0	<0.50	86.6	68-151	8.36	30	
Bromomethane	29.4	0.50	ug/L	20.0	<0.50	147	54-142	25.6	30	**
2-Butanone (MEK)	24.9	10	ug/L	20.0	<10	124	62-145	18.5	30	
tert-Butyl Alcohol (TBA)	104	10	ug/L	100	<10	104	73-162	2.12	30	
sec-Butylbenzene	19.8	0.50	ug/L	20.0	<0.50	99.0	84-145	6.09	30	
tert-Butylbenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	4.96	30	
n-Butylbenzene	20.3	0.50	ug/L	20.0	<0.50	101	70-130	4.90	30	
Carbon Disulfide	24.4	0.50	ug/L	20.0	<0.50	122	28-151	1.94	30	
Carbon Tetrachloride	24.2	0.50	ug/L	20.0	<0.50	121	58-164	3.02	30	
Chlorobenzene	20.7	0.50	ug/L	20.0	<0.50	104	70-130	5.20	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike Dup (B0J2303-MSD1) Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Continued										
Chloroethane	31.6	0.50	ug/L	20.0	<0.50	158	42-164	2.65	30	
Chloroform	26.1	0.50	ug/L	20.0	<0.50	130	65-138	1.35	30	
Chloromethane	32.1	0.50	ug/L	20.0	<0.50	160	50-152	3.52	30	**
2-Chlorotoluene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	5.32	30	
4-Chlorotoluene	21.0	0.50	ug/L	20.0	<0.50	105	70-130	5.39	30	
1,2-Dibromo-3-chloropropane	19.8	1.0	ug/L	20.0	<1.0	98.8	53-161	14.7	30	
Dibromochloromethane	21.0	0.50	ug/L	20.0	<0.50	105	70-130	7.46	30	
1,2-Dibromoethane (EDB)	20.6	0.50	ug/L	20.0	<0.50	103	76-130	7.70	30	
Dibromomethane	24.2	0.50	ug/L	20.0	<0.50	121	62-135	5.91	30	
1,3-Dichlorobenzene	19.3	0.50	ug/L	20.0	<0.50	96.6	70-130	4.44	30	
1,2-Dichlorobenzene	19.8	0.50	ug/L	20.0	<0.50	99.0	70-130	6.25	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0	<0.50	101	70-130	6.51	30	
Dichlorodifluoromethane (R12)	21.4	0.50	ug/L	20.0	<0.50	107	17-153	2.72	30	
1,1-Dichloroethane	26.2	0.50	ug/L	20.0	<0.50	131	55-131	1.89	30	
1,2-Dichloroethane (EDC)	27.7	0.50	ug/L	20.0	<0.50	139	52-168	3.45	30	
1,1-Dichloroethylene	22.2	0.50	ug/L	20.0	<0.50	111	51-140	3.02	30	
trans-1,2-Dichloroethylene	22.6	0.50	ug/L	20.0	<0.50	113	59-127	4.15	30	
cis-1,2-Dichloroethylene	22.2	0.50	ug/L	20.0	<0.50	111	70-130	0.633	30	
1,2-Dichloropropane	25.2	0.50	ug/L	20.0	<0.50	126	52-142	1.88	30	
2,2-Dichloropropane	23.8	0.50	ug/L	20.0	<0.50	119	36-168	2.38	30	
1,3-Dichloropropane	23.6	0.50	ug/L	20.0	<0.50	118	80-121	6.43	30	
cis-1,3-Dichloropropylene	24.1	0.50	ug/L	20.0	<0.50	121	66-130	1.50	30	
trans-1,3-Dichloropropylene	22.7	0.50	ug/L	20.0	<0.50	114	78-130	5.89	30	
1,1-Dichloropropylene	26.2	0.50	ug/L	20.0	<0.50	131	76-132	3.33	30	
Diisopropyl ether (DIPE)	26.8	2.0	ug/L	20.0	<2.0	134	52-138	1.73	30	
Ethylbenzene	21.2	0.50	ug/L	20.0	<0.50	106	86-128	4.83	30	
Ethyl-tert-Butyl Ether (ETBE)	23.9	2.0	ug/L	20.0	<2.0	120	64-137	3.62	30	
Hexachlorobutadiene	16.7	1.0	ug/L	20.0	<1.0	83.4	70-130	2.61	30	
2-Hexanone (MBK)	22.2	10	ug/L	20.0	<10	111	52-141	4.84	30	
Isopropylbenzene	19.6	0.50	ug/L	20.0	<0.50	98.2	70-130	5.33	30	
4-Isopropyltoluene	20.6	1.0	ug/L	20.0	<1.0	103	83-149	4.31	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2303 - EPA 5030B</i>										
Matrix Spike Dup (B0J2303-MSD1) Source: 0J21021-03 Prepared & Analyzed: 10/26/20										
Continued										
Methyl-tert-Butyl Ether (MTBE)	49.7	1.2	ug/L	40.0	<1.2	124	56-150	4.17	30	
Methylene Chloride	24.6	5.0	ug/L	20.0	<5.0	123	70-130	2.21	30	
4-Methyl-2-pentanone (MIBK)	19.2	10	ug/L	20.0	<10	96.0	60-148	8.13	30	
Naphthalene	19.1	2.0	ug/L	20.0	<2.0	95.4	70-130	16.5	30	
n-Propylbenzene	19.4	0.50	ug/L	20.0	<0.50	96.8	70-130	5.90	30	
Styrene	20.4	0.50	ug/L	20.0	<0.50	102	65-141	6.38	30	
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0	<0.50	102	70-130	3.86	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0	<0.50	114	62-134	9.52	30	
Tetrachloroethylene (PCE)	18.9	0.50	ug/L	20.0	<0.50	94.4	70-130	6.00	30	
Toluene	21.4	0.50	ug/L	20.0	<0.50	107	81-123	4.68	30	
1,2,3-Trichlorobenzene	16.8	0.50	ug/L	20.0	<0.50	84.0	73-144	9.48	30	
1,2,4-Trichlorobenzene	16.9	0.50	ug/L	20.0	<0.50	84.6	80-137	6.60	30	
1,1,1-Trichloroethane	24.3	0.50	ug/L	20.0	<0.50	122	62-164	2.54	30	
1,1,2-Trichloroethane	21.6	0.50	ug/L	20.0	<0.50	108	76-122	6.91	30	
Trichloroethylene (TCE)	22.5	0.50	ug/L	20.0	<0.50	112	72-136	2.20	30	
Trichlorofluoromethane (R11)	21.5	0.50	ug/L	20.0	<0.50	108	59-144	1.50	30	
1,2,3-Trichloropropane	23.7	0.50	ug/L	20.0	<0.50	118	69-135	10.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	23.7	0.50	ug/L	20.0	<0.50	118	62-126	1.49	30	
1,3,5-Trimethylbenzene	20.3	0.50	ug/L	20.0	<0.50	102	70-130	5.47	30	
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0	<0.50	96.6	89-134	6.02	30	
Vinyl chloride	32.6	0.50	ug/L	20.0	<0.50	163	54-150	3.32	30	QM-07
o-Xylene	20.8	0.50	ug/L	20.0	<0.50	104	70-130	3.47	30	
m,p-Xylenes	42.2	1.0	ug/L	40.0	<1.0	105	70-130	4.14	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>49.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>98.3</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</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 B0J2624 - EPA 3510C

Blank (B0J2624-BLK1)

Prepared: 10/26/20 Analyzed: 11/03/20

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

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 B0J2624 - EPA 3510C</i>										
Blank (B0J2624-BLK1) Continued				Prepared: 10/26/20 Analyzed: 11/03/20						
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0306</i>		<i>mg/L</i>	<i>0.0400</i>		<i>76.4</i>	<i>50-150</i>			
LCS (B0J2624-BS1)				Prepared: 10/26/20 Analyzed: 11/03/20						
Diesel Range Organics as Diesel	0.576	0.10	mg/L	0.800		72.0	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0334</i>		<i>mg/L</i>	<i>0.0400</i>		<i>83.6</i>	<i>50-150</i>			
LCS Dup (B0J2624-BSD1)				Prepared: 10/26/20 Analyzed: 11/03/20						
Diesel Range Organics as Diesel	0.530	0.10	mg/L	0.800		66.2	36-132	8.38	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0343</i>		<i>mg/L</i>	<i>0.0400</i>		<i>85.9</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0J2616 - *** DEFAULT PREP ***</i>										
Blank (B0J2616-BLK1)				Prepared & Analyzed: 10/26/20						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>44.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.2</i>	<i>80-120</i>			
LCS (B0J2616-BS1)				Prepared & Analyzed: 10/26/20						
Gasoline Range Organics (GRO)	435	100	ug/L	500		87.0	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>50.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>101</i>	<i>80-120</i>			
LCS Dup (B0J2616-BSD1)				Prepared & Analyzed: 10/26/20						
Gasoline Range Organics (GRO)	436	100	ug/L	500		87.1	75-125	0.156	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.3</i>	<i>80-120</i>			
Matrix Spike (B0J2616-MS1)				Source: 0J21021-13 Prepared & Analyzed: 10/26/20						
Gasoline Range Organics (GRO)	402	100	ug/L	500	<100	80.4	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>47.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.8</i>	<i>80-120</i>			
Matrix Spike Dup (B0J2616-MSD1)				Source: 0J21021-13 Prepared & Analyzed: 10/26/20						
Gasoline Range Organics (GRO)	439	100	ug/L	500	<100	87.9	70-130	8.80	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>53.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>80-120</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333808
Date Received: 10/21/20
Date Reported: 11/10/20

Special Notes

- [1] = ** : Exceeds upper control limit; if reported, concentrations in the samples may be biased high
- [2] = 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.
- [3] = 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.
- [4] = QL-06 : The recovery for this analyte in the LCS and LCSD is marginally above the upper control limit, therefore the reported concentration for this analyte may be biased high.
- [5] = 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.
- [6] = S-06 : The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interferences.

A handwritten signature in black ink, appearing to read 'Viorel Vasile'.

Viorel Vasile
Operations Manager



AMERICAN ANALYTICALS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311
Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 21404

20200103
Page 1 of 1

Client: APEX-S&I Project Name / No.: DFSP Newark
 Project Manager: DAN SWEDSSON Site Address: 15803 Newark Blvd.
 Phone: 562-597-1055 City: Newark
 Fax: 562-597-1070 State & Zip: Ca 90687

Sampler's Name: DAVID WILSON
 Sampler's Signature: [Signature]
 P.O. No.:
 Quote No.:

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)

ANALYSIS REQUESTED (Test Name)

826DB	825TM-6	801M-D										

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Special Instructions
QCTB-1	0121021-01	10-21-20	6:00 AM	GW	2	
QCEB-1	-02	10-21-20	7:35 AM	GW	3	
GMW-61	-03	10-21-20	8:15	GW	6	
GW-15	-04	10-21-20	8:30	GW	6	
EXP-3	-05	10-21-20	9:30	GW	6	
GMW-60	-06	10-21-20	10:05	GW	6	
GW-16	-07	10-21-20	10:40	GW	6	
GMW-66R	-08	10-21-20	11:15	GW	6	
DUP-3	-09	10-21-20	XXXX	GW	6	
GMW-48	-10	10-21-20	11:45	GW	6	
GMW-56	-11	10-21-20	12:15	GW	6	
GMW-06	-12	10-21-20	12:50	GW	6	
GMW-16	-13	10-21-20	1:35	GW	6	

For Laboratory Use

RECEIVED

Date: 10/21/20 Time: 16:40
 TAT N Days Sign: [Signature]

Relinquished by: [Signature] Date: 10-21-20 Time: 13:50 x
 Relinquished by: [Signature] Date: 10/21/20 Time: 15:17
 Relinquished by: [Signature] Date: [] Time: []

A.A. Project No.: A5333868/0121021

Note: By relinquishing samples to American Analyticals, 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 Analyticals.



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

November 11, 2020

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5333809 / 0J23003**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/23/20 16:23 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', written over a light grey circular stamp.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	OJ23003-01	Water	5	10/22/20 06:00	10/23/20 16:23
QCEB-1	OJ23003-02	Water	5	10/22/20 07:20	10/23/20 16:23

8260B+OXYGENATES

GW-3	OJ23003-03	Water	5	10/22/20 07:50	10/23/20 16:23
EXP-2	OJ23003-04	Water	5	10/22/20 08:30	10/23/20 16:23
GW-13	OJ23003-05	Water	5	10/22/20 09:05	10/23/20 16:23
MW-22 (MID)	OJ23003-06	Water	5	10/22/20 09:40	10/23/20 16:23
MW-27	OJ23003-07	Water	5	10/22/20 10:15	10/23/20 16:23
GMW-43	OJ23003-08	Water	5	10/22/20 10:45	10/23/20 16:23
DUP-4	OJ23003-09	Water	5	10/22/20 00:00	10/23/20 16:23
GMW-12	OJ23003-10	Water	5	10/22/20 11:20	10/23/20 16:23
EXP-1	OJ23003-11	Water	5	10/22/20 11:55	10/23/20 16:23
GMW-59	OJ23003-12	Water	5	10/22/20 12:30	10/23/20 16:23
GMW-58	OJ23003-13	Water	5	10/22/20 13:05	10/23/20 16:23
MW-13	OJ23003-14	Water	5	10/22/20 13:40	10/23/20 16:23

Diesel Range Organics 8015M

QCEB-1	OJ23003-02	Water	5	10/22/20 07:20	10/23/20 16:23
GW-3	OJ23003-03	Water	5	10/22/20 07:50	10/23/20 16:23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
EXP-2	OJ23003-04	Water	5	10/22/20 08:30	10/23/20 16:23
GW-13	OJ23003-05	Water	5	10/22/20 09:05	10/23/20 16:23
MW-22 (MID)	OJ23003-06	Water	5	10/22/20 09:40	10/23/20 16:23
MW-27	OJ23003-07	Water	5	10/22/20 10:15	10/23/20 16:23
GMW-43	OJ23003-08	Water	5	10/22/20 10:45	10/23/20 16:23
DUP-4	OJ23003-09	Water	5	10/22/20 00:00	10/23/20 16:23
GMW-12	OJ23003-10	Water	5	10/22/20 11:20	10/23/20 16:23
EXP-1	OJ23003-11	Water	5	10/22/20 11:55	10/23/20 16:23
GMW-59	OJ23003-12	Water	5	10/22/20 12:30	10/23/20 16:23
GMW-58	OJ23003-13	Water	5	10/22/20 13:05	10/23/20 16:23
MW-13	OJ23003-14	Water	5	10/22/20 13:40	10/23/20 16:23

Gasoline Range Organics 8015M

GW-3	OJ23003-03	Water	5	10/22/20 07:50	10/23/20 16:23
EXP-2	OJ23003-04	Water	5	10/22/20 08:30	10/23/20 16:23
GW-13	OJ23003-05	Water	5	10/22/20 09:05	10/23/20 16:23
MW-22 (MID)	OJ23003-06	Water	5	10/22/20 09:40	10/23/20 16:23
MW-27	OJ23003-07	Water	5	10/22/20 10:15	10/23/20 16:23
GMW-43	OJ23003-08	Water	5	10/22/20 10:45	10/23/20 16:23
DUP-4	OJ23003-09	Water	5	10/22/20 00:00	10/23/20 16:23
GMW-12	OJ23003-10	Water	5	10/22/20 11:20	10/23/20 16:23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
EXP-1	0J23003-11	Water	5	10/22/20 11:55	10/23/20 16:23
GMW-59	0J23003-12	Water	5	10/22/20 12:30	10/23/20 16:23
GMW-58	0J23003-13	Water	5	10/22/20 13:05	10/23/20 16:23
MW-13	0J23003-14	Water	5	10/22/20 13:40	10/23/20 16:23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	
AA ID No:	0J23003-01	0J23003-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<10	16	10
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)	<10	17	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	
AA ID No:	0J23003-01	0J23003-02	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	
AA ID No:	0J23003-01	0J23003-02	
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	95%	96%	80-129
Dibromofluoromethane	104%	105%	68-137
Toluene-d8	95%	95%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-03	0J23003-04	0J23003-05	0J23003-06	
Client ID No:	GW-3	EXP-2	GW-13	MW-22 (MID)	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
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)	<10	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20
AA ID No:	0J23003-03	0J23003-04	0J23003-05	0J23003-06
Client ID No:	GW-3	EXP-2	GW-13	MW-22 (MID)
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)	<10	<10	<10	<10	10
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	2.4	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

	10/22/20	10/22/20	10/22/20	10/22/20	
Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-03	0J23003-04	0J23003-05	0J23003-06	
Client ID No:	GW-3	EXP-2	GW-13	MW-22 (MID)	
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	94%	95%	94%	96%	80-129
Dibromofluoromethane	103%	107%	110%	109%	68-137
Toluene-d8	95%	95%	96%	95%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-07	0J23003-08	0J23003-09	0J23003-10	
Client ID No:	MW-27	GMW-43	DUP-4	GMW-12	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
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)	<10	<10	<10	<10	10
tert-Butyl Alcohol (TBA)	26	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-07	0J23003-08	0J23003-09	0J23003-10	
Client ID No:	MW-27	GMW-43	DUP-4	GMW-12	
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)	<10	<10	<10	<10	10
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)	1.7	<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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-07	0J23003-08	0J23003-09	0J23003-10	
Client ID No:	MW-27	GMW-43	DUP-4	GMW-12	
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	94%	96%	95%	95%	80-129
Dibromofluoromethane	109%	108%	107%	109%	68-137
Toluene-d8	94%	96%	96%	94%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

	10/22/20	10/22/20	10/22/20	10/22/20	
Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-11	0J23003-12	0J23003-13	0J23003-14	
Client ID No:	EXP-1	GMW-59	GMW-58	MW-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
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)	<10	<10	<10	<10	10
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	0.59	<0.50	0.52	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-11	0J23003-12	0J23003-13	0J23003-14	
Client ID No:	EXP-1	GMW-59	GMW-58	MW-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)	<10	<10	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-11	0J23003-12	0J23003-13	0J23003-14	
Client ID No:	EXP-1	GMW-59	GMW-58	MW-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	95%	96%	96%	94%	80-129
Dibromofluoromethane	110%	111%	108%	107%	68-137
Toluene-d8	95%	95%	95%	95%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: mg/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/26/20	10/26/20	10/26/20	10/27/20	
Date Analyzed:	11/03/20	11/03/20	11/03/20	11/04/20	
AA ID No:	0J23003-02	0J23003-03	0J23003-04	0J23003-05	
Client ID No:	QCEB-1	GW-3	EXP-2	GW-13	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.15	<0.10	<0.10	0.10
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Surrogates

o-Terphenyl	85%	95%	90%	85%	<u>%REC Limits</u> 50-150
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: mg/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/27/20	10/28/20	10/27/20	10/27/20	
Date Analyzed:	11/04/20	11/05/20	11/04/20	11/04/20	
AA ID No:	0J23003-06	0J23003-07	0J23003-08	0J23003-09	
Client ID No:	MW-22 (MID)	MW-27	GMW-43	DUP-4	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.14	0.25	0.39	0.17	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	86%	70%	88%	75%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: mg/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/27/20	10/27/20	10/28/20	10/28/20	
Date Analyzed:	11/04/20	11/04/20	11/05/20	11/05/20	
AA ID No:	0J23003-10	0J23003-11	0J23003-12	0J23003-13	
Client ID No:	GMW-12	EXP-1	GMW-59	GMW-58	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.19	0.20	0.26	<0.10	0.10
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Surrogates

o-Terphenyl	96%	81%	62%	84%	<u>%REC Limits</u> 50-150
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 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: mg/L

Date Sampled: 10/22/20
Date Prepared: 10/28/20
Date Analyzed: 11/05/20
AA ID No: 0J23003-14
Client ID No: MW-13
Matrix: Water
Dilution Factor: 1 MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as **0.10** 0.10
Diesel

<u>Surrogates</u>		<u>%REC Limits</u>
o-Terphenyl	81%	50-150

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-03	0J23003-04	0J23003-05	0J23003-06	
Client ID No:	GW-3	EXP-2	GW-13	MW-22 (MID)	
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%	95%	82%	91%	%REC Limits 80-120
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-07	0J23003-08	0J23003-09	0J23003-10	
Client ID No:	MW-27	GMW-43	DUP-4	GMW-12	
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	81%	86%	104%	81%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20
Units: ug/L

Date Sampled:	10/22/20	10/22/20	10/22/20	10/22/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23003-11	0J23003-12	0J23003-13	0J23003-14	
Client ID No:	EXP-1	GMW-59	GMW-58	MW-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%	80%	94%	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B

Blank (B0J2817-BLK1)

Prepared & Analyzed: 10/28/20

Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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>47.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.6</i>	<i>83-134</i>			
LCS (B0J2817-BS1)										
Prepared & Analyzed: 10/28/20										
Acetone	12.5	10	ug/L	20.0		62.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		91.2	58-133			
Benzene	20.5	0.50	ug/L	20.0		102	60-134			
Bromobenzene	20.1	0.50	ug/L	20.0		101	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	20.4	0.50	ug/L	20.0		102	74-135			
Bromoform	16.5	0.50	ug/L	20.0		82.6	68-132			
Bromomethane	22.3	0.50	ug/L	20.0		112	58-142			
2-Butanone (MEK)	18.5	10	ug/L	20.0		92.7	62-138			
tert-Butyl Alcohol (TBA)	77.4	10	ug/L	100		77.4	65-148			
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-142			
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130			
Carbon Disulfide	20.8	0.50	ug/L	20.0		104	17-177			
Carbon Tetrachloride	22.5	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	19.2	0.50	ug/L	20.0		95.8	45-166			
Chloroform	22.0	0.50	ug/L	20.0		110	71-131			
Chloromethane	21.1	0.50	ug/L	20.0		106	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130			
4-Chlorotoluene	19.9	0.50	ug/L	20.0		99.6	70-130			
1,2-Dibromo-3-chloropropane	14.8	1.0	ug/L	20.0		74.0	53-145			
Dibromochloromethane	19.2	0.50	ug/L	20.0		96.2	72-133			
1,2-Dibromoethane (EDB)	18.8	0.50	ug/L	20.0		94.1	79-120			
Dibromomethane	21.9	0.50	ug/L	20.0		109	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
1,2-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Dichlorodifluoromethane (R12)	15.0	0.50	ug/L	20.0		75.0	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		105	67-120			
1,2-Dichloroethane (EDC)	20.5	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	22.1	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		111	66-126			
cis-1,2-Dichloroethylene	21.4	0.50	ug/L	20.0		107	70-124			
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	53-139			
2,2-Dichloropropane	25.8	0.50	ug/L	20.0		129	44-162			
1,3-Dichloropropane	18.6	0.50	ug/L	20.0		93.1	79-113			
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		101	67-127			
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0		94.2	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		110	84-124			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.4	51-136			
Ethylbenzene	19.8	0.50	ug/L	20.0		98.8	86-124			
Ethyl-tert-Butyl Ether (ETBE)	17.9	2.0	ug/L	20.0		89.3	62-136			
Gasoline Range Organics (GRO)	471	100	ug/L	500		94.2	60-123			
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	14.0	10	ug/L	20.0		69.9	52-123			
Isopropylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		98.9	58-144			
Methylene Chloride	21.4	5.0	ug/L	20.0		107	50-135			
4-Methyl-2-pentanone (MIBK)	17.5	10	ug/L	20.0		87.6	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
Naphthalene	19.4	2.0	ug/L	20.0		96.8	74-128			
n-Propylbenzene	18.8	0.50	ug/L	20.0		93.8	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	70-130			
1,1,2,2-Tetrachloroethane	17.5	0.50	ug/L	20.0		87.6	58-126			
Tetrachloroethylene (PCE)	20.4	0.50	ug/L	20.0		102	70-130			
Toluene	19.9	0.50	ug/L	20.0		99.7	83-118			
1,2,3-Trichlorobenzene	18.7	0.50	ug/L	20.0		93.7	77-134			
1,2,4-Trichlorobenzene	20.1	0.50	ug/L	20.0		100	84-128			
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	66-158			
1,1,2-Trichloroethane	18.4	0.50	ug/L	20.0		92.0	75-115			
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		105	82-128			
Trichlorofluoromethane (R11)	16.6	0.50	ug/L	20.0		83.0	65-137			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		88.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130			
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130			
Vinyl chloride	21.0	0.50	ug/L	20.0		105	51-151			
o-Xylene	20.3	0.50	ug/L	20.0		101	70-130			
m,p-Xylenes	41.0	1.0	ug/L	40.0		103	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.8		ug/L	50.0		91.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.6		ug/L	50.0		97.2	68-137			
<i>Surrogate: Toluene-d8</i>	47.5		ug/L	50.0		95.0	83-134			
LCS Dup (B0J2817-BSD1)										
Prepared & Analyzed: 10/28/20										
Acetone	8.61	10	ug/L	20.0		43.0	27-123	36.8	30	QR-02
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		90.8	58-133	0.385	30	
Benzene	20.5	0.50	ug/L	20.0		103	60-134	0.0976	30	
Bromobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.32	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	78-121	2.47	30	
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135	1.07	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
Bromoform	16.7	0.50	ug/L	20.0		83.6	68-132	1.14	30	
Bromomethane	20.8	0.50	ug/L	20.0		104	58-142	6.81	30	
2-Butanone (MEK)	17.6	10	ug/L	20.0		88.1	62-138	5.09	30	
tert-Butyl Alcohol (TBA)	68.8	10	ug/L	100		68.8	65-148	11.9	30	
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142	1.29	30	
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130	3.54	30	
n-Butylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130	0.404	30	
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	17-177	4.32	30	
Carbon Tetrachloride	21.6	0.50	ug/L	20.0		108	66-155	4.04	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	3.43	30	
Chloroethane	33.4	0.50	ug/L	20.0		167	45-166	54.1	30	QL-03
Chloroform	22.0	0.50	ug/L	20.0		110	71-131	0.182	30	
Chloromethane	23.4	0.50	ug/L	20.0		117	48-152	10.3	30	
2-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	4.23	30	
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	4.27	30	
1,2-Dibromo-3-chloropropane	14.7	1.0	ug/L	20.0		73.4	53-145	0.746	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.7	72-133	1.50	30	
1,2-Dibromoethane (EDB)	19.6	0.50	ug/L	20.0		97.8	79-120	3.91	30	
Dibromomethane	21.3	0.50	ug/L	20.0		107	68-124	2.69	30	
1,3-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.53	30	
1,2-Dichlorobenzene	21.9	0.50	ug/L	20.0		110	70-130	6.40	30	
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	4.70	30	
Dichlorodifluoromethane (R12)	18.6	0.50	ug/L	20.0		92.8	16-148	21.2	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	67-120	1.88	30	
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156	0.875	30	
1,1-Dichloroethylene	21.6	0.50	ug/L	20.0		108	50-149	2.11	30	
trans-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	66-126	1.32	30	
cis-1,2-Dichloroethylene	21.9	0.50	ug/L	20.0		109	70-124	1.98	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	1.85	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.6	44-162	31.6	30	QR-02
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	79-113	2.86	30	
cis-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	67-127	1.34	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
trans-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	76-121	0.745	30	
1,1-Dichloropropylene	21.8	0.50	ug/L	20.0		109	84-124	1.60	30	
Diisopropyl ether (DIPE)	20.2	2.0	ug/L	20.0		101	51-136	2.51	30	
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-124	2.45	30	
Ethyl-tert-Butyl Ether (ETBE)	18.0	2.0	ug/L	20.0		89.8	62-136	0.614	30	
Gasoline Range Organics (GRO)	487	100	ug/L	500		97.4	60-123	3.32	30	
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140	1.67	30	
2-Hexanone (MBK)	14.2	10	ug/L	20.0		70.9	52-123	1.42	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	3.65	30	
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	70-130	1.78	30	
Methyl-tert-Butyl Ether (MTBE)	37.7	1.2	ug/L	40.0		94.2	58-144	4.87	30	
Methylene Chloride	22.2	5.0	ug/L	20.0		111	50-135	3.68	30	
4-Methyl-2-pentanone (MIBK)	16.4	10	ug/L	20.0		82.2	49-139	6.36	30	
Naphthalene	18.8	2.0	ug/L	20.0		93.8	74-128	3.15	30	
n-Propylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130	3.05	30	
Styrene	20.6	0.50	ug/L	20.0		103	84-123	1.71	30	
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	70-130	3.80	30	
1,1,2,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		92.0	58-126	4.90	30	
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130	1.61	30	
Toluene	20.6	0.50	ug/L	20.0		103	83-118	3.40	30	
1,2,3-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.2	77-134	2.58	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	84-128	1.73	30	
1,1,1-Trichloroethane	21.5	0.50	ug/L	20.0		108	66-158	3.11	30	
1,1,2-Trichloroethane	19.2	0.50	ug/L	20.0		96.2	75-115	4.46	30	
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		104	82-128	0.287	30	
Trichlorofluoromethane (R11)	22.4	0.50	ug/L	20.0		112	65-137	29.9	30	
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	68-123	0.284	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130	0.0440	30	
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130	3.54	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	3.82	30	
Vinyl chloride	26.1	0.50	ug/L	20.0		131	51-151	21.8	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B

LCS Dup (B0J2817-BSD1) Continued

Prepared & Analyzed: 10/28/20

o-Xylene	20.8	0.50	ug/L	20.0	104	70-130	2.48	30	
m,p-Xylenes	41.3	1.0	ug/L	40.0	103	70-130	0.559	30	
Surrogate: 4-Bromofluorobenzene	46.6		ug/L	50.0	93.2	80-129			
Surrogate: Dibromofluoromethane	48.2		ug/L	50.0	96.4	68-137			
Surrogate: Toluene-d8	48.3		ug/L	50.0	96.6	83-134			

VOCs & OXYGENATES by GC/MS - Quality Control

Batch B0J2817 - EPA 5030B

Blank (B0J2817-BLK1)

Prepared & Analyzed: 10/28/20

Acetone	<10	10	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)	<10	10	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						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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							
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)	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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							
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>47.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.6</i>	<i>83-134</i>			
LCS (B0J2817-BS1)										
Prepared & Analyzed: 10/28/20										
Acetone	12.5	10	ug/L	20.0		62.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		91.2	58-133			
Benzene	20.5	0.50	ug/L	20.0		102	60-134			
Bromobenzene	20.1	0.50	ug/L	20.0		101	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	20.4	0.50	ug/L	20.0		102	74-135			
Bromoform	16.5	0.50	ug/L	20.0		82.6	68-132			
Bromomethane	22.3	0.50	ug/L	20.0		112	58-142			
2-Butanone (MEK)	18.5	10	ug/L	20.0		92.7	62-138			
tert-Butyl Alcohol (TBA)	77.4	10	ug/L	100		77.4	65-148			
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-142			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130			
Carbon Disulfide	20.8	0.50	ug/L	20.0		104	17-177			
Carbon Tetrachloride	22.5	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	19.2	0.50	ug/L	20.0		95.8	45-166			
Chloroform	22.0	0.50	ug/L	20.0		110	71-131			
Chloromethane	21.1	0.50	ug/L	20.0		106	48-152			
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130			
4-Chlorotoluene	19.9	0.50	ug/L	20.0		99.6	70-130			
1,2-Dibromo-3-chloropropane	14.8	1.0	ug/L	20.0		74.0	53-145			
Dibromochloromethane	19.2	0.50	ug/L	20.0		96.2	72-133			
1,2-Dibromoethane (EDB)	18.8	0.50	ug/L	20.0		94.1	79-120			
Dibromomethane	21.9	0.50	ug/L	20.0		109	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
1,2-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Dichlorodifluoromethane (R12)	15.0	0.50	ug/L	20.0		75.0	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		105	67-120			
1,2-Dichloroethane (EDC)	20.5	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	22.1	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		111	66-126			
cis-1,2-Dichloroethylene	21.4	0.50	ug/L	20.0		107	70-124			
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	53-139			
2,2-Dichloropropane	25.8	0.50	ug/L	20.0		129	44-162			
1,3-Dichloropropane	18.6	0.50	ug/L	20.0		93.1	79-113			
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		101	67-127			
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0		94.2	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		110	84-124			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.4	51-136			
Ethylbenzene	19.8	0.50	ug/L	20.0		98.8	86-124			
Ethyl-tert-Butyl Ether (ETBE)	17.9	2.0	ug/L	20.0		89.3	62-136			

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VOCs & OXYGENATES by GC/MS - Quality Control										
<i>Batch B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	14.0	10	ug/L	20.0		69.9	52-123			
Isopropylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		98.9	58-144			
Methylene Chloride	21.4	5.0	ug/L	20.0		107	50-135			
4-Methyl-2-pentanone (MIBK)	17.5	10	ug/L	20.0		87.6	49-139			
Naphthalene	19.4	2.0	ug/L	20.0		96.8	74-128			
n-Propylbenzene	18.8	0.50	ug/L	20.0		93.8	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	70-130			
1,1,2,2-Tetrachloroethane	17.5	0.50	ug/L	20.0		87.6	58-126			
Tetrachloroethylene (PCE)	20.4	0.50	ug/L	20.0		102	70-130			
Toluene	19.9	0.50	ug/L	20.0		99.7	83-118			
1,2,3-Trichlorobenzene	18.7	0.50	ug/L	20.0		93.7	77-134			
1,2,4-Trichlorobenzene	20.1	0.50	ug/L	20.0		100	84-128			
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	66-158			
1,1,2-Trichloroethane	18.4	0.50	ug/L	20.0		92.0	75-115			
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		105	82-128			
Trichlorofluoromethane (R11)	16.6	0.50	ug/L	20.0		83.0	65-137			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		88.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130			
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130			
Vinyl chloride	21.0	0.50	ug/L	20.0		105	51-151			
o-Xylene	20.3	0.50	ug/L	20.0		101	70-130			
m,p-Xylenes	41.0	1.0	ug/L	40.0		103	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.8		ug/L	50.0		91.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.6		ug/L	50.0		97.2	68-137			
<i>Surrogate: Toluene-d8</i>	47.5		ug/L	50.0		95.0	83-134			

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Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1)										
Prepared & Analyzed: 10/28/20										
Acetone	8.61	10	ug/L	20.0		43.0	27-123	36.8	30	QR-02
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		90.8	58-133	0.385	30	
Benzene	20.5	0.50	ug/L	20.0		103	60-134	0.0976	30	
Bromobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.32	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	78-121	2.47	30	
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135	1.07	30	
Bromoform	16.7	0.50	ug/L	20.0		83.6	68-132	1.14	30	
Bromomethane	20.8	0.50	ug/L	20.0		104	58-142	6.81	30	
2-Butanone (MEK)	17.6	10	ug/L	20.0		88.1	62-138	5.09	30	
tert-Butyl Alcohol (TBA)	68.8	10	ug/L	100		68.8	65-148	11.9	30	
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142	1.29	30	
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130	3.54	30	
n-Butylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130	0.404	30	
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	17-177	4.32	30	
Carbon Tetrachloride	21.6	0.50	ug/L	20.0		108	66-155	4.04	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	3.43	30	
Chloroethane	33.4	0.50	ug/L	20.0		167	45-166	54.1	30	QL-03
Chloroform	22.0	0.50	ug/L	20.0		110	71-131	0.182	30	
Chloromethane	23.4	0.50	ug/L	20.0		117	48-152	10.3	30	
2-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	4.23	30	
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	4.27	30	
1,2-Dibromo-3-chloropropane	14.7	1.0	ug/L	20.0		73.4	53-145	0.746	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.7	72-133	1.50	30	
1,2-Dibromoethane (EDB)	19.6	0.50	ug/L	20.0		97.8	79-120	3.91	30	
Dibromomethane	21.3	0.50	ug/L	20.0		107	68-124	2.69	30	
1,3-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.53	30	
1,2-Dichlorobenzene	21.9	0.50	ug/L	20.0		110	70-130	6.40	30	
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	4.70	30	
Dichlorodifluoromethane (R12)	18.6	0.50	ug/L	20.0		92.8	16-148	21.2	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	67-120	1.88	30	
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156	0.875	30	
1,1-Dichloroethylene	21.6	0.50	ug/L	20.0		108	50-149	2.11	30	

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Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
trans-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	66-126	1.32	30	
cis-1,2-Dichloroethylene	21.9	0.50	ug/L	20.0		109	70-124	1.98	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	1.85	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.6	44-162	31.6	30	QR-02
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	79-113	2.86	30	
cis-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	67-127	1.34	30	
trans-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	76-121	0.745	30	
1,1-Dichloropropylene	21.8	0.50	ug/L	20.0		109	84-124	1.60	30	
Diisopropyl ether (DIPE)	20.2	2.0	ug/L	20.0		101	51-136	2.51	30	
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-124	2.45	30	
Ethyl-tert-Butyl Ether (ETBE)	18.0	2.0	ug/L	20.0		89.8	62-136	0.614	30	
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140	1.67	30	
2-Hexanone (MBK)	14.2	10	ug/L	20.0		70.9	52-123	1.42	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	3.65	30	
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	70-130	1.78	30	
Methyl-tert-Butyl Ether (MTBE)	37.7	1.2	ug/L	40.0		94.2	58-144	4.87	30	
Methylene Chloride	22.2	5.0	ug/L	20.0		111	50-135	3.68	30	
4-Methyl-2-pentanone (MIBK)	16.4	10	ug/L	20.0		82.2	49-139	6.36	30	
Naphthalene	18.8	2.0	ug/L	20.0		93.8	74-128	3.15	30	
n-Propylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130	3.05	30	
Styrene	20.6	0.50	ug/L	20.0		103	84-123	1.71	30	
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	70-130	3.80	30	
1,1,2,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		92.0	58-126	4.90	30	
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130	1.61	30	
Toluene	20.6	0.50	ug/L	20.0		103	83-118	3.40	30	
1,2,3-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.2	77-134	2.58	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	84-128	1.73	30	
1,1,1-Trichloroethane	21.5	0.50	ug/L	20.0		108	66-158	3.11	30	
1,1,2-Trichloroethane	19.2	0.50	ug/L	20.0		96.2	75-115	4.46	30	
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		104	82-128	0.287	30	
Trichlorofluoromethane (R11)	22.4	0.50	ug/L	20.0		112	65-137	29.9	30	
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	68-123	0.284	30	

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LABORATORY ANALYSIS RESULTS

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Date Reported: 11/11/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130	0.0440	30	
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130	3.54	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	3.82	30	
Vinyl chloride	26.1	0.50	ug/L	20.0		131	51-151	21.8	30	
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130	2.48	30	
m,p-Xylenes	41.3	1.0	ug/L	40.0		103	70-130	0.559	30	
Surrogate: 4-Bromofluorobenzene	46.6		ug/L	50.0		93.2	80-129			
Surrogate: Dibromofluoromethane	48.2		ug/L	50.0		96.4	68-137			
Surrogate: Toluene-d8	48.3		ug/L	50.0		96.6	83-134			
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B0J2624 - EPA 3510C</i>										
Blank (B0J2624-BLK1)										
Prepared: 10/26/20 Analyzed: 11/03/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0306		mg/L	0.0400		76.4	50-150			
LCS (B0J2624-BS1)										
Prepared: 10/26/20 Analyzed: 11/03/20										
Diesel Range Organics as Diesel	0.576	0.10	mg/L	0.800		72.0	36-132			
Surrogate: o-Terphenyl	0.0334		mg/L	0.0400		83.6	50-150			
LCS Dup (B0J2624-BSD1)										
Prepared: 10/26/20 Analyzed: 11/03/20										
Diesel Range Organics as Diesel	0.530	0.10	mg/L	0.800		66.2	36-132	8.38	30	
Surrogate: o-Terphenyl	0.0343		mg/L	0.0400		85.9	50-150			
<i>Batch B0J2717 - EPA 3510C</i>										
Blank (B0J2717-BLK1)										
Prepared: 10/27/20 Analyzed: 11/04/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0329		mg/L	0.0400		82.4	50-150			
LCS (B0J2717-BS1)										
Prepared: 10/27/20 Analyzed: 11/04/20										
Diesel Range Organics as Diesel	0.476	0.10	mg/L	0.800		59.5	36-132			
Surrogate: o-Terphenyl	0.0345		mg/L	0.0400		86.2	50-150			

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Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B0J2717 - EPA 3510C</i>										
LCS Dup (B0J2717-BSD1) Prepared: 10/27/20 Analyzed: 11/04/20										
Diesel Range Organics as Diesel	0.579	0.10	mg/L	0.800		72.4	36-132	19.5	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0373</i>		<i>mg/L</i>	<i>0.0400</i>		<i>93.2</i>	<i>50-150</i>			
<i>Batch B0J2830 - EPA 3510C</i>										
Blank (B0J2830-BLK1) Prepared: 10/28/20 Analyzed: 11/10/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
<i>Surrogate: o-Terphenyl</i>	<i>0.0278</i>		<i>mg/L</i>	<i>0.0400</i>		<i>69.5</i>	<i>50-150</i>			
LCS (B0J2830-BS1) Prepared: 10/28/20 Analyzed: 11/10/20										
Diesel Range Organics as Diesel	0.356	0.10	mg/L	0.800		44.5	36-132			
<i>Surrogate: o-Terphenyl</i>	<i>0.0289</i>		<i>mg/L</i>	<i>0.0400</i>		<i>72.3</i>	<i>50-150</i>			
LCS Dup (B0J2830-BSD1) Prepared: 10/28/20 Analyzed: 11/10/20										
Diesel Range Organics as Diesel	0.381	0.10	mg/L	0.800		47.7	36-132	6.83	30	
<i>Surrogate: o-Terphenyl</i>	<i>0.0290</i>		<i>mg/L</i>	<i>0.0400</i>		<i>72.6</i>	<i>50-150</i>			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0J2816 - *** DEFAULT PREP ***</i>										
Blank (B0J2816-BLK1) Prepared & Analyzed: 10/28/20										
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>40.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>80.7</i>	<i>80-120</i>			
LCS (B0J2816-BS1) Prepared & Analyzed: 10/28/20										
Gasoline Range Organics (GRO)	478	100	ug/L	500		95.6	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>51.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>103</i>	<i>80-120</i>			
LCS Dup (B0J2816-BSD1) Prepared & Analyzed: 10/28/20										
Gasoline Range Organics (GRO)	432	100	ug/L	500		86.4	75-125	10.1	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>46.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>92.0</i>	<i>80-120</i>			
Matrix Spike (B0J2816-MS1) Source: OJ23003-14 Prepared & Analyzed: 10/28/20										
Gasoline Range Organics (GRO)	480	100	ug/L	500	<100	96.0	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	<i>54.2</i>		<i>ug/L</i>	<i>50.0</i>		<i>108</i>	<i>80-120</i>			
Matrix Spike Dup (B0J2816-MSD1) Source: OJ23003-14 Prepared & Analyzed: 10/28/20										

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Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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 B0J2816 - *** DEFAULT PREP ***</i>										
Matrix Spike Dup (B0J2816-MSD1) Source: 0J23003-14 Prepared & Analyzed: 10/28/20										
Continued										
Gasoline Range Organics (GRO)	455	100	ug/L	500	<100	91.0	70-130	5.34	30	
Surrogate: a,a,a-Trifluorotoluene	49.7		ug/L	50.0		99.4	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333809
Date Received: 10/23/20
Date Reported: 11/11/20

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.
- [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 'VA'.

Viorel Vasile
Operations Manager



AMERICAN ANALYTICALS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

Tel: 818-998-5547 FAX: 818-998-7258

A.A. COC No.: 24412

20200104

Page 1 of 1

Client: APEX-S&L Project Name / No.: DFSA Newark Sampler's Name: David Wobben

Project Manager: DAN SWENSSON Site Address: 3771 Nor 15603 Newark Sampler's Signature: [Signature]

Phone: 562-597-1055 City: Newark P.O. No.: ---

Fax: 562-597-1070 State & Zip: CA 90650 Quote No.: ---

TAT Turnaround Codes **

- ① = Same Day Rush
- ② = 24 Hour Rush
- ③ = 48 Hour Rush
- ④ = 72 Hour Rush
- ⑤ = 5 Day Rush
- X = 10 Working Days (Standard TAT)

ANALYSIS REQUESTED (Test Name)

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Special Instructions
QCTB-1	052-3003	10-22-20	600	GW	2	
QCEB-1	-02	10-22-20	720	GW	3	
GW-3	-03	10-22-20	720	GW	6	
EXP-2	-04	10-22-20	830	GW	6	
GW-13	-05	10-22-20	905	GW	6	
MW-22 (MWD)	-06	10-22-20	940	GW	6	
MW-27	-07	10-22-20	1015	GW	6	
GMW-43	-08	10-22-20	1045	GW	6	
DSP-4	-09	10-22-20	xxxx	GW	6	
GMW-12	-10	10-22-20	1120	GW	6	
EXP-1	-11	10-22-20	1115	GW	6	
GMW-59	-12	10-22-20	1230	GW	6	
GMW-58	-13	10-22-20	1015	GW	6	
MW-13	-14	10-22-20	140	GW	6	

Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Special Instructions
QCTB-1	052-3003	10-22-20	600	GW	2	
QCEB-1	-02	10-22-20	720	GW	3	
GW-3	-03	10-22-20	720	GW	6	
EXP-2	-04	10-22-20	830	GW	6	
GW-13	-05	10-22-20	905	GW	6	
MW-22 (MWD)	-06	10-22-20	940	GW	6	
MW-27	-07	10-22-20	1015	GW	6	
GMW-43	-08	10-22-20	1045	GW	6	
DSP-4	-09	10-22-20	xxxx	GW	6	
GMW-12	-10	10-22-20	1120	GW	6	
EXP-1	-11	10-22-20	1115	GW	6	
GMW-59	-12	10-22-20	1230	GW	6	
GMW-58	-13	10-22-20	1015	GW	6	
MW-13	-14	10-22-20	140	GW	6	

For Laboratory Use

REVIEWED
Date 10/26/20 Time 1000
TAT N Days Sign: [Signature]

Relinquished by	Date	Time	Received by	Date	Time
<u>[Signature]</u>	<u>10/23/20</u>	<u>1310</u>	<u>[Signature]</u>	<u>10/23/20</u>	<u>1623</u>
<u>[Signature]</u>	<u>10/23/20</u>		<u>[Signature]</u>		

A.A. Project No.: AS33809 / 052-3003

Note: By relinquishing samples to American Analyticals, 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 Analyticals.



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

November 16, 2020

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GW Sampling / 04-NDLA-013

A5333810 / 0J23004

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/23/20 16:23 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', written over a light grey circular stamp.

Viorel Vasile

Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
-----------	---------------	--------	-----	--------------	---------------

8260B+OXY+TPHG

QCTB-1	OJ23004-01	Water	5	10/23/20 06:00	10/23/20 16:23
QCEB-1	OJ23004-02	Water	5	10/23/20 07:40	10/23/20 16:23

8260B+OXYGENATES

TF-21	OJ23004-03	Water	5	10/23/20 08:20	10/23/20 16:23
GMW-57	OJ23004-04	Water	5	10/23/20 09:00	10/23/20 16:23
GMW-19	OJ23004-05	Water	5	10/23/20 09:55	10/23/20 16:23
GMW-15	OJ23004-06	Water	5	10/23/20 10:30	10/23/20 16:23
TF-24	OJ23004-07	Water	5	10/23/20 11:05	10/23/20 16:23
DUP-5	OJ23004-08	Water	5	10/23/20 00:00	10/23/20 16:23
GMW-21	OJ23004-09	Water	5	10/23/20 11:45	10/23/20 16:23

Diesel Range Organics 8015M

QCEB-1	OJ23004-02	Water	5	10/23/20 07:40	10/23/20 16:23
TF-21	OJ23004-03	Water	5	10/23/20 08:20	10/23/20 16:23
GMW-57	OJ23004-04	Water	5	10/23/20 09:00	10/23/20 16:23
GMW-19	OJ23004-05	Water	5	10/23/20 09:55	10/23/20 16:23
GMW-15	OJ23004-06	Water	5	10/23/20 10:30	10/23/20 16:23
TF-24	OJ23004-07	Water	5	10/23/20 11:05	10/23/20 16:23
DUP-5	OJ23004-08	Water	5	10/23/20 00:00	10/23/20 16:23

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
-----------	---------------	--------	-----	--------------	---------------

GMW-21	OJ23004-09	Water	5	10/23/20 11:45	10/23/20 16:23
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Gasoline Range Organics 8015M

TF-21	OJ23004-03	Water	5	10/23/20 08:20	10/23/20 16:23
GMW-57	OJ23004-04	Water	5	10/23/20 09:00	10/23/20 16:23
GMW-19	OJ23004-05	Water	5	10/23/20 09:55	10/23/20 16:23
GMW-15	OJ23004-06	Water	5	10/23/20 10:30	10/23/20 16:23
TF-24	OJ23004-07	Water	5	10/23/20 11:05	10/23/20 16:23
DUP-5	OJ23004-08	Water	5	10/23/20 00:00	10/23/20 16:23
GMW-21	OJ23004-09	Water	5	10/23/20 11:45	10/23/20 16:23

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	
AA ID No:	0J23004-01	0J23004-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	25	22	10
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)	<10	19	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	
AA ID No:	0J23004-01	0J23004-02	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	
AA ID No:	0J23004-01	0J23004-02	
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	95%	95%	80-129
Dibromofluoromethane	105%	104%	68-137
Toluene-d8	92%	95%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23004-03	0J23004-04	0J23004-05	0J23004-06	
Client ID No:	TF-21	GMW-57	GMW-19	GMW-15	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	2.3	<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)	<10	<10	<10	<10	10
tert-Butyl Alcohol (TBA)	<10	15	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	<0.50	0.69	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	OJ23004-03	OJ23004-04	OJ23004-05	OJ23004-06	
Client ID No:	TF-21	GMW-57	GMW-19	GMW-15	
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	0.86	<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)	<10	<10	<10	<10	10
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	2.3	<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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	10/28/20	10/28/20	10/28/20	10/28/20	
AA ID No:	0J23004-03	0J23004-04	0J23004-05	0J23004-06	
Client ID No:	TF-21	GMW-57	GMW-19	GMW-15	
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	96%	96%	96%	97%	80-129
Dibromofluoromethane	106%	109%	111%	105%	68-137
Toluene-d8	95%	95%	94%	96%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

	10/23/20	10/23/20	10/23/20	
Date Sampled:	10/23/20	10/23/20	10/23/20	
Date Prepared:	11/03/20	11/03/20	11/03/20	
Date Analyzed:	11/03/20	11/03/20	11/03/20	
AA ID No:	0J23004-07	0J23004-08	0J23004-09	
Client ID No:	TF-24	DUP-5	GMW-21	
Matrix:	Water	Water	Water	
Dilution Factor:	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	13	10
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)	<10	<10	<10	10
tert-Butyl Alcohol (TBA)	<10	<10	<10	10
sec-Butylbenzene	<0.50	<0.50	<0.50	0.50
tert-Butylbenzene	0.52	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

	10/23/20	10/23/20	10/23/20	
Date Sampled:	10/23/20	10/23/20	10/23/20	
Date Prepared:	11/03/20	11/03/20	11/03/20	
Date Analyzed:	11/03/20	11/03/20	11/03/20	
AA ID No:	0J23004-07	0J23004-08	0J23004-09	
Client ID No:	TF-24	DUP-5	GMW-21	
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)	<10	<10	<10	10
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)	<10	<10	<10	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

	10/23/20	10/23/20	10/23/20	
Date Sampled:	10/23/20	10/23/20	10/23/20	
Date Prepared:	11/03/20	11/03/20	11/03/20	
Date Analyzed:	11/03/20	11/03/20	11/03/20	
AA ID No:	0J23004-07	0J23004-08	0J23004-09	
Client ID No:	TF-24	DUP-5	GMW-21	
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	94%	94%	92%	80-129
Dibromofluoromethane	98%	99%	99%	68-137
Toluene-d8	91%	91%	91%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: mg/L

	10/23/20	10/23/20	10/23/20	10/23/20	
Date Sampled:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	11/05/20	11/05/20	11/05/20	11/05/20	
AA ID No:	0J23004-02	0J23004-03	0J23004-04	0J23004-05	
Client ID No:	QCEB-1	TF-21	GMW-57	GMW-19	
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	0.32	0.14	0.10
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Surrogates

					<u>%REC Limits</u>
o-Terphenyl	89%	74%	76%	88%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: mg/L

Date Sampled:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Prepared:	10/28/20	10/28/20	10/28/20	10/28/20	
Date Analyzed:	11/05/20	11/05/20	11/05/20	11/05/20	
AA ID No:	0J23004-06	0J23004-07	0J23004-08	0J23004-09	
Client ID No:	GMW-15	TF-24	DUP-5	GMW-21	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.72	4.2	0.12	2.6	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	86%	69%	52%	64%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	10/23/20	10/23/20	
Date Prepared:	10/30/20	10/30/20	10/30/20	11/03/20	
Date Analyzed:	10/30/20	10/30/20	10/30/20	11/03/20	
AA ID No:	0J23004-03	0J23004-04	0J23004-05	0J23004-06	
Client ID No:	TF-21	GMW-57	GMW-19	GMW-15	
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%	92%	90%	76%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20
Units: ug/L

Date Sampled:	10/23/20	10/23/20	10/23/20	
Date Prepared:	11/03/20	10/30/20	11/03/20	
Date Analyzed:	11/03/20	10/30/20	11/03/20	
AA ID No:	0J23004-07	0J23004-08	0J23004-09	
Client ID No:	TF-24	DUP-5	GMW-21	
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	85%	93%	85%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

Analyte	Reporting Result	Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1)										
Prepared & Analyzed: 10/28/20										
Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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>47.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.6</i>	<i>83-134</i>			
LCS (B0J2817-BS1)										
Prepared & Analyzed: 10/28/20										
Acetone	12.5	10	ug/L	20.0		62.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		91.2	58-133			
Benzene	20.5	0.50	ug/L	20.0		102	60-134			
Bromobenzene	20.1	0.50	ug/L	20.0		101	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	20.4	0.50	ug/L	20.0		102	74-135			
Bromoform	16.5	0.50	ug/L	20.0		82.6	68-132			
Bromomethane	22.3	0.50	ug/L	20.0		112	58-142			
2-Butanone (MEK)	18.5	10	ug/L	20.0		92.7	62-138			
tert-Butyl Alcohol (TBA)	77.4	10	ug/L	100		77.4	65-148			
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-142			
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130			
Carbon Disulfide	20.8	0.50	ug/L	20.0		104	17-177			
Carbon Tetrachloride	22.5	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	19.2	0.50	ug/L	20.0		95.8	45-166			
Chloroform	22.0	0.50	ug/L	20.0		110	71-131			
Chloromethane	21.1	0.50	ug/L	20.0		106	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130			
4-Chlorotoluene	19.9	0.50	ug/L	20.0		99.6	70-130			
1,2-Dibromo-3-chloropropane	14.8	1.0	ug/L	20.0		74.0	53-145			
Dibromochloromethane	19.2	0.50	ug/L	20.0		96.2	72-133			
1,2-Dibromoethane (EDB)	18.8	0.50	ug/L	20.0		94.1	79-120			
Dibromomethane	21.9	0.50	ug/L	20.0		109	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
1,2-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Dichlorodifluoromethane (R12)	15.0	0.50	ug/L	20.0		75.0	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		105	67-120			
1,2-Dichloroethane (EDC)	20.5	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	22.1	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		111	66-126			
cis-1,2-Dichloroethylene	21.4	0.50	ug/L	20.0		107	70-124			
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	53-139			
2,2-Dichloropropane	25.8	0.50	ug/L	20.0		129	44-162			
1,3-Dichloropropane	18.6	0.50	ug/L	20.0		93.1	79-113			
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		101	67-127			
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0		94.2	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		110	84-124			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.4	51-136			
Ethylbenzene	19.8	0.50	ug/L	20.0		98.8	86-124			
Ethyl-tert-Butyl Ether (ETBE)	17.9	2.0	ug/L	20.0		89.3	62-136			
Gasoline Range Organics (GRO)	471	100	ug/L	500		94.2	60-123			
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	14.0	10	ug/L	20.0		69.9	52-123			
Isopropylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		98.9	58-144			
Methylene Chloride	21.4	5.0	ug/L	20.0		107	50-135			
4-Methyl-2-pentanone (MIBK)	17.5	10	ug/L	20.0		87.6	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
Naphthalene	19.4	2.0	ug/L	20.0		96.8	74-128			
n-Propylbenzene	18.8	0.50	ug/L	20.0		93.8	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	70-130			
1,1,2,2-Tetrachloroethane	17.5	0.50	ug/L	20.0		87.6	58-126			
Tetrachloroethylene (PCE)	20.4	0.50	ug/L	20.0		102	70-130			
Toluene	19.9	0.50	ug/L	20.0		99.7	83-118			
1,2,3-Trichlorobenzene	18.7	0.50	ug/L	20.0		93.7	77-134			
1,2,4-Trichlorobenzene	20.1	0.50	ug/L	20.0		100	84-128			
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	66-158			
1,1,2-Trichloroethane	18.4	0.50	ug/L	20.0		92.0	75-115			
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		105	82-128			
Trichlorofluoromethane (R11)	16.6	0.50	ug/L	20.0		83.0	65-137			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		88.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130			
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130			
Vinyl chloride	21.0	0.50	ug/L	20.0		105	51-151			
o-Xylene	20.3	0.50	ug/L	20.0		101	70-130			
m,p-Xylenes	41.0	1.0	ug/L	40.0		103	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.8		ug/L	50.0		91.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.6		ug/L	50.0		97.2	68-137			
<i>Surrogate: Toluene-d8</i>	47.5		ug/L	50.0		95.0	83-134			
LCS Dup (B0J2817-BSD1)										
Prepared & Analyzed: 10/28/20										
Acetone	8.61	10	ug/L	20.0		43.0	27-123	36.8	30	QR-02
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		90.8	58-133	0.385	30	
Benzene	20.5	0.50	ug/L	20.0		103	60-134	0.0976	30	
Bromobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.32	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	78-121	2.47	30	
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135	1.07	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B

LCS Dup (B0J2817-BSD1) Continued

Prepared & Analyzed: 10/28/20

Bromoform	16.7	0.50	ug/L	20.0		83.6	68-132	1.14	30	
Bromomethane	20.8	0.50	ug/L	20.0		104	58-142	6.81	30	
2-Butanone (MEK)	17.6	10	ug/L	20.0		88.1	62-138	5.09	30	
tert-Butyl Alcohol (TBA)	68.8	10	ug/L	100		68.8	65-148	11.9	30	
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142	1.29	30	
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130	3.54	30	
n-Butylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130	0.404	30	
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	17-177	4.32	30	
Carbon Tetrachloride	21.6	0.50	ug/L	20.0		108	66-155	4.04	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	3.43	30	
Chloroethane	33.4	0.50	ug/L	20.0		167	45-166	54.1	30	QL-03
Chloroform	22.0	0.50	ug/L	20.0		110	71-131	0.182	30	
Chloromethane	23.4	0.50	ug/L	20.0		117	48-152	10.3	30	
2-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	4.23	30	
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	4.27	30	
1,2-Dibromo-3-chloropropane	14.7	1.0	ug/L	20.0		73.4	53-145	0.746	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.7	72-133	1.50	30	
1,2-Dibromoethane (EDB)	19.6	0.50	ug/L	20.0		97.8	79-120	3.91	30	
Dibromomethane	21.3	0.50	ug/L	20.0		107	68-124	2.69	30	
1,3-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.53	30	
1,2-Dichlorobenzene	21.9	0.50	ug/L	20.0		110	70-130	6.40	30	
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	4.70	30	
Dichlorodifluoromethane (R12)	18.6	0.50	ug/L	20.0		92.8	16-148	21.2	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	67-120	1.88	30	
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156	0.875	30	
1,1-Dichloroethylene	21.6	0.50	ug/L	20.0		108	50-149	2.11	30	
trans-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	66-126	1.32	30	
cis-1,2-Dichloroethylene	21.9	0.50	ug/L	20.0		109	70-124	1.98	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	1.85	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.6	44-162	31.6	30	QR-02
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	79-113	2.86	30	
cis-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	67-127	1.34	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
trans-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	76-121	0.745	30	
1,1-Dichloropropylene	21.8	0.50	ug/L	20.0		109	84-124	1.60	30	
Diisopropyl ether (DIPE)	20.2	2.0	ug/L	20.0		101	51-136	2.51	30	
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-124	2.45	30	
Ethyl-tert-Butyl Ether (ETBE)	18.0	2.0	ug/L	20.0		89.8	62-136	0.614	30	
Gasoline Range Organics (GRO)	487	100	ug/L	500		97.4	60-123	3.32	30	
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140	1.67	30	
2-Hexanone (MBK)	14.2	10	ug/L	20.0		70.9	52-123	1.42	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	3.65	30	
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	70-130	1.78	30	
Methyl-tert-Butyl Ether (MTBE)	37.7	1.2	ug/L	40.0		94.2	58-144	4.87	30	
Methylene Chloride	22.2	5.0	ug/L	20.0		111	50-135	3.68	30	
4-Methyl-2-pentanone (MIBK)	16.4	10	ug/L	20.0		82.2	49-139	6.36	30	
Naphthalene	18.8	2.0	ug/L	20.0		93.8	74-128	3.15	30	
n-Propylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130	3.05	30	
Styrene	20.6	0.50	ug/L	20.0		103	84-123	1.71	30	
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	70-130	3.80	30	
1,1,2,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		92.0	58-126	4.90	30	
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130	1.61	30	
Toluene	20.6	0.50	ug/L	20.0		103	83-118	3.40	30	
1,2,3-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.2	77-134	2.58	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	84-128	1.73	30	
1,1,1-Trichloroethane	21.5	0.50	ug/L	20.0		108	66-158	3.11	30	
1,1,2-Trichloroethane	19.2	0.50	ug/L	20.0		96.2	75-115	4.46	30	
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		104	82-128	0.287	30	
Trichlorofluoromethane (R11)	22.4	0.50	ug/L	20.0		112	65-137	29.9	30	
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	68-123	0.284	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130	0.0440	30	
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130	3.54	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	3.82	30	
Vinyl chloride	26.1	0.50	ug/L	20.0		131	51-151	21.8	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B

LCS Dup (B0J2817-BSD1) Continued

Prepared & Analyzed: 10/28/20

o-Xylene	20.8	0.50	ug/L	20.0	104	70-130	2.48	30	
m,p-Xylenes	41.3	1.0	ug/L	40.0	103	70-130	0.559	30	
Surrogate: 4-Bromofluorobenzene	46.6		ug/L	50.0	93.2	80-129			
Surrogate: Dibromofluoromethane	48.2		ug/L	50.0	96.4	68-137			
Surrogate: Toluene-d8	48.3		ug/L	50.0	96.6	83-134			

VOCs & OXYGENATES by GC/MS - Quality Control

Batch B0J2817 - EPA 5030B

Blank (B0J2817-BLK1)

Prepared & Analyzed: 10/28/20

Acetone	<10	10	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)	<10	10	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						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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							
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)	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
Blank (B0J2817-BLK1) Continued										
Prepared & Analyzed: 10/28/20										
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							
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>47.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>94.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.6</i>	<i>83-134</i>			
LCS (B0J2817-BS1)										
Prepared & Analyzed: 10/28/20										
Acetone	12.5	10	ug/L	20.0		62.4	27-123			
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		91.2	58-133			
Benzene	20.5	0.50	ug/L	20.0		102	60-134			
Bromobenzene	20.1	0.50	ug/L	20.0		101	70-130			
Bromochloromethane	21.3	0.50	ug/L	20.0		106	78-121			
Bromodichloromethane	20.4	0.50	ug/L	20.0		102	74-135			
Bromoform	16.5	0.50	ug/L	20.0		82.6	68-132			
Bromomethane	22.3	0.50	ug/L	20.0		112	58-142			
2-Butanone (MEK)	18.5	10	ug/L	20.0		92.7	62-138			
tert-Butyl Alcohol (TBA)	77.4	10	ug/L	100		77.4	65-148			
sec-Butylbenzene	20.1	0.50	ug/L	20.0		100	84-142			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
tert-Butylbenzene	20.8	0.50	ug/L	20.0		104	70-130			
n-Butylbenzene	19.8	0.50	ug/L	20.0		99.2	70-130			
Carbon Disulfide	20.8	0.50	ug/L	20.0		104	17-177			
Carbon Tetrachloride	22.5	0.50	ug/L	20.0		112	66-155			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	19.2	0.50	ug/L	20.0		95.8	45-166			
Chloroform	22.0	0.50	ug/L	20.0		110	71-131			
Chloromethane	21.1	0.50	ug/L	20.0		106	48-152			
2-Chlorotoluene	20.1	0.50	ug/L	20.0		101	70-130			
4-Chlorotoluene	19.9	0.50	ug/L	20.0		99.6	70-130			
1,2-Dibromo-3-chloropropane	14.8	1.0	ug/L	20.0		74.0	53-145			
Dibromochloromethane	19.2	0.50	ug/L	20.0		96.2	72-133			
1,2-Dibromoethane (EDB)	18.8	0.50	ug/L	20.0		94.1	79-120			
Dibromomethane	21.9	0.50	ug/L	20.0		109	68-124			
1,3-Dichlorobenzene	20.1	0.50	ug/L	20.0		100	70-130			
1,2-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,4-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Dichlorodifluoromethane (R12)	15.0	0.50	ug/L	20.0		75.0	16-148			
1,1-Dichloroethane	21.1	0.50	ug/L	20.0		105	67-120			
1,2-Dichloroethane (EDC)	20.5	0.50	ug/L	20.0		102	57-156			
1,1-Dichloroethylene	22.1	0.50	ug/L	20.0		110	50-149			
trans-1,2-Dichloroethylene	22.1	0.50	ug/L	20.0		111	66-126			
cis-1,2-Dichloroethylene	21.4	0.50	ug/L	20.0		107	70-124			
1,2-Dichloropropane	20.4	0.50	ug/L	20.0		102	53-139			
2,2-Dichloropropane	25.8	0.50	ug/L	20.0		129	44-162			
1,3-Dichloropropane	18.6	0.50	ug/L	20.0		93.1	79-113			
cis-1,3-Dichloropropylene	20.3	0.50	ug/L	20.0		101	67-127			
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0		94.2	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		110	84-124			
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.4	51-136			
Ethylbenzene	19.8	0.50	ug/L	20.0		98.8	86-124			
Ethyl-tert-Butyl Ether (ETBE)	17.9	2.0	ug/L	20.0		89.3	62-136			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS (B0J2817-BS1) Continued										
Prepared & Analyzed: 10/28/20										
Hexachlorobutadiene	20.5	1.0	ug/L	20.0		103	76-140			
2-Hexanone (MBK)	14.0	10	ug/L	20.0		69.9	52-123			
Isopropylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
4-Isopropyltoluene	21.2	1.0	ug/L	20.0		106	70-130			
Methyl-tert-Butyl Ether (MTBE)	39.6	1.2	ug/L	40.0		98.9	58-144			
Methylene Chloride	21.4	5.0	ug/L	20.0		107	50-135			
4-Methyl-2-pentanone (MIBK)	17.5	10	ug/L	20.0		87.6	49-139			
Naphthalene	19.4	2.0	ug/L	20.0		96.8	74-128			
n-Propylbenzene	18.8	0.50	ug/L	20.0		93.8	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	20.4	0.50	ug/L	20.0		102	70-130			
1,1,2,2-Tetrachloroethane	17.5	0.50	ug/L	20.0		87.6	58-126			
Tetrachloroethylene (PCE)	20.4	0.50	ug/L	20.0		102	70-130			
Toluene	19.9	0.50	ug/L	20.0		99.7	83-118			
1,2,3-Trichlorobenzene	18.7	0.50	ug/L	20.0		93.7	77-134			
1,2,4-Trichlorobenzene	20.1	0.50	ug/L	20.0		100	84-128			
1,1,1-Trichloroethane	22.2	0.50	ug/L	20.0		111	66-158			
1,1,2-Trichloroethane	18.4	0.50	ug/L	20.0		92.0	75-115			
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		105	82-128			
Trichlorofluoromethane (R11)	16.6	0.50	ug/L	20.0		83.0	65-137			
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		88.1	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130			
1,3,5-Trimethylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
1,2,4-Trimethylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130			
Vinyl chloride	21.0	0.50	ug/L	20.0		105	51-151			
o-Xylene	20.3	0.50	ug/L	20.0		101	70-130			
m,p-Xylenes	41.0	1.0	ug/L	40.0		103	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.8		ug/L	50.0		91.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.6		ug/L	50.0		97.2	68-137			
<i>Surrogate: Toluene-d8</i>	47.5		ug/L	50.0		95.0	83-134			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1)										
Prepared & Analyzed: 10/28/20										
Acetone	8.61	10	ug/L	20.0		43.0	27-123	36.8	30	QR-02
tert-Amyl-Methyl Ether (TAME)	18.2	2.0	ug/L	20.0		90.8	58-133	0.385	30	
Benzene	20.5	0.50	ug/L	20.0		103	60-134	0.0976	30	
Bromobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.32	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	78-121	2.47	30	
Bromodichloromethane	20.6	0.50	ug/L	20.0		103	74-135	1.07	30	
Bromoform	16.7	0.50	ug/L	20.0		83.6	68-132	1.14	30	
Bromomethane	20.8	0.50	ug/L	20.0		104	58-142	6.81	30	
2-Butanone (MEK)	17.6	10	ug/L	20.0		88.1	62-138	5.09	30	
tert-Butyl Alcohol (TBA)	68.8	10	ug/L	100		68.8	65-148	11.9	30	
sec-Butylbenzene	20.4	0.50	ug/L	20.0		102	84-142	1.29	30	
tert-Butylbenzene	21.6	0.50	ug/L	20.0		108	70-130	3.54	30	
n-Butylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130	0.404	30	
Carbon Disulfide	21.8	0.50	ug/L	20.0		109	17-177	4.32	30	
Carbon Tetrachloride	21.6	0.50	ug/L	20.0		108	66-155	4.04	30	
Chlorobenzene	21.3	0.50	ug/L	20.0		107	70-130	3.43	30	
Chloroethane	33.4	0.50	ug/L	20.0		167	45-166	54.1	30	QL-03
Chloroform	22.0	0.50	ug/L	20.0		110	71-131	0.182	30	
Chloromethane	23.4	0.50	ug/L	20.0		117	48-152	10.3	30	
2-Chlorotoluene	21.0	0.50	ug/L	20.0		105	70-130	4.23	30	
4-Chlorotoluene	20.8	0.50	ug/L	20.0		104	70-130	4.27	30	
1,2-Dibromo-3-chloropropane	14.7	1.0	ug/L	20.0		73.4	53-145	0.746	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.7	72-133	1.50	30	
1,2-Dibromoethane (EDB)	19.6	0.50	ug/L	20.0		97.8	79-120	3.91	30	
Dibromomethane	21.3	0.50	ug/L	20.0		107	68-124	2.69	30	
1,3-Dichlorobenzene	21.2	0.50	ug/L	20.0		106	70-130	5.53	30	
1,2-Dichlorobenzene	21.9	0.50	ug/L	20.0		110	70-130	6.40	30	
1,4-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130	4.70	30	
Dichlorodifluoromethane (R12)	18.6	0.50	ug/L	20.0		92.8	16-148	21.2	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		107	67-120	1.88	30	
1,2-Dichloroethane (EDC)	20.6	0.50	ug/L	20.0		103	57-156	0.875	30	
1,1-Dichloroethylene	21.6	0.50	ug/L	20.0		108	50-149	2.11	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
trans-1,2-Dichloroethylene	21.8	0.50	ug/L	20.0		109	66-126	1.32	30	
cis-1,2-Dichloroethylene	21.9	0.50	ug/L	20.0		109	70-124	1.98	30	
1,2-Dichloropropane	20.8	0.50	ug/L	20.0		104	53-139	1.85	30	
2,2-Dichloropropane	18.7	0.50	ug/L	20.0		93.6	44-162	31.6	30	QR-02
1,3-Dichloropropane	19.2	0.50	ug/L	20.0		95.8	79-113	2.86	30	
cis-1,3-Dichloropropylene	20.0	0.50	ug/L	20.0		100	67-127	1.34	30	
trans-1,3-Dichloropropylene	18.7	0.50	ug/L	20.0		93.6	76-121	0.745	30	
1,1-Dichloropropylene	21.8	0.50	ug/L	20.0		109	84-124	1.60	30	
Diisopropyl ether (DIPE)	20.2	2.0	ug/L	20.0		101	51-136	2.51	30	
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-124	2.45	30	
Ethyl-tert-Butyl Ether (ETBE)	18.0	2.0	ug/L	20.0		89.8	62-136	0.614	30	
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140	1.67	30	
2-Hexanone (MBK)	14.2	10	ug/L	20.0		70.9	52-123	1.42	30	
Isopropylbenzene	21.0	0.50	ug/L	20.0		105	70-130	3.65	30	
4-Isopropyltoluene	21.6	1.0	ug/L	20.0		108	70-130	1.78	30	
Methyl-tert-Butyl Ether (MTBE)	37.7	1.2	ug/L	40.0		94.2	58-144	4.87	30	
Methylene Chloride	22.2	5.0	ug/L	20.0		111	50-135	3.68	30	
4-Methyl-2-pentanone (MIBK)	16.4	10	ug/L	20.0		82.2	49-139	6.36	30	
Naphthalene	18.8	2.0	ug/L	20.0		93.8	74-128	3.15	30	
n-Propylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130	3.05	30	
Styrene	20.6	0.50	ug/L	20.0		103	84-123	1.71	30	
1,1,1,2-Tetrachloroethane	21.2	0.50	ug/L	20.0		106	70-130	3.80	30	
1,1,2,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		92.0	58-126	4.90	30	
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		104	70-130	1.61	30	
Toluene	20.6	0.50	ug/L	20.0		103	83-118	3.40	30	
1,2,3-Trichlorobenzene	19.2	0.50	ug/L	20.0		96.2	77-134	2.58	30	
1,2,4-Trichlorobenzene	20.4	0.50	ug/L	20.0		102	84-128	1.73	30	
1,1,1-Trichloroethane	21.5	0.50	ug/L	20.0		108	66-158	3.11	30	
1,1,2-Trichloroethane	19.2	0.50	ug/L	20.0		96.2	75-115	4.46	30	
Trichloroethylene (TCE)	20.9	0.50	ug/L	20.0		104	82-128	0.287	30	
Trichlorofluoromethane (R11)	22.4	0.50	ug/L	20.0		112	65-137	29.9	30	
1,2,3-Trichloropropane	17.6	0.50	ug/L	20.0		87.8	68-123	0.284	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J2817 - EPA 5030B</i>										
LCS Dup (B0J2817-BSD1) Continued										
Prepared & Analyzed: 10/28/20										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.7	0.50	ug/L	20.0		114	62-130	0.0440	30	
1,3,5-Trimethylbenzene	21.3	0.50	ug/L	20.0		106	70-130	3.54	30	
1,2,4-Trimethylbenzene	20.5	0.50	ug/L	20.0		103	70-130	3.82	30	
Vinyl chloride	26.1	0.50	ug/L	20.0		131	51-151	21.8	30	
o-Xylene	20.8	0.50	ug/L	20.0		104	70-130	2.48	30	
m,p-Xylenes	41.3	1.0	ug/L	40.0		103	70-130	0.559	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	46.6		ug/L	50.0		93.2	80-129			
<i>Surrogate: Dibromofluoromethane</i>	48.2		ug/L	50.0		96.4	68-137			
<i>Surrogate: Toluene-d8</i>	48.3		ug/L	50.0		96.6	83-134			
<i>Batch B0K0327 - EPA 5030B</i>										
Blank (B0K0327-BLK1)										
Prepared & Analyzed: 11/03/20										
Acetone	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
Blank (B0K0327-BLK1) Continued										
Prepared & Analyzed: 11/03/20										
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							
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)	<10	10	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)	<10	10	ug/L							
Naphthalene	<2.0	2.0	ug/L							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
Blank (B0K0327-BLK1) Continued										
Prepared & Analyzed: 11/03/20										
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							
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>45.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.7</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>45.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.0</i>	<i>83-134</i>			
LCS (B0K0327-BS1)										
Prepared & Analyzed: 11/03/20										
Acetone	ND	10	ug/L	20.0			27-123			
tert-Amyl-Methyl Ether (TAME)	17.0	2.0	ug/L	20.0		85.2	58-133			
Benzene	17.1	0.50	ug/L	20.0		85.6	60-134			
Bromobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Bromochloromethane	20.0	0.50	ug/L	20.0		99.8	78-121			
Bromodichloromethane	17.7	0.50	ug/L	20.0		88.5	74-135			
Bromoform	19.8	0.50	ug/L	20.0		99.2	68-132			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
LCS (B0K0327-BS1) Continued										
Prepared & Analyzed: 11/03/20										
Bromomethane	14.0	0.50	ug/L	20.0		69.8	58-142			
2-Butanone (MEK)	18.0	10	ug/L	20.0		90.1	62-138			
tert-Butyl Alcohol (TBA)	79.2	10	ug/L	100		79.2	65-148			
sec-Butylbenzene	19.4	0.50	ug/L	20.0		97.1	84-142			
tert-Butylbenzene	20.7	0.50	ug/L	20.0		103	70-130			
n-Butylbenzene	19.0	0.50	ug/L	20.0		94.8	70-130			
Carbon Disulfide	17.8	0.50	ug/L	20.0		88.9	17-177			
Carbon Tetrachloride	19.2	0.50	ug/L	20.0		96.0	66-155			
Chlorobenzene	20.6	0.50	ug/L	20.0		103	70-130			
Chloroethane	13.4	0.50	ug/L	20.0		67.0	45-166			
Chloroform	18.4	0.50	ug/L	20.0		91.8	71-131			
Chloromethane	12.5	0.50	ug/L	20.0		62.6	48-152			
2-Chlorotoluene	19.6	0.50	ug/L	20.0		98.2	70-130			
4-Chlorotoluene	19.5	0.50	ug/L	20.0		97.5	70-130			
1,2-Dibromo-3-chloropropane	16.8	1.0	ug/L	20.0		83.8	53-145			
Dibromochloromethane	20.6	0.50	ug/L	20.0		103	72-133			
1,2-Dibromoethane (EDB)	20.4	0.50	ug/L	20.0		102	79-120			
Dibromomethane	18.9	0.50	ug/L	20.0		94.5	68-124			
1,3-Dichlorobenzene	20.6	0.50	ug/L	20.0		103	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)	9.16	0.50	ug/L	20.0		45.8	16-148			
1,1-Dichloroethane	17.5	0.50	ug/L	20.0		87.4	67-120			
1,2-Dichloroethane (EDC)	17.3	0.50	ug/L	20.0		86.4	57-156			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	50-149			
trans-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0		94.2	66-126			
cis-1,2-Dichloroethylene	18.8	0.50	ug/L	20.0		94.0	70-124			
1,2-Dichloropropane	17.5	0.50	ug/L	20.0		87.4	53-139			
2,2-Dichloropropane	19.8	0.50	ug/L	20.0		99.1	44-162			
1,3-Dichloropropane	18.6	0.50	ug/L	20.0		93.2	79-113			
cis-1,3-Dichloropropylene	18.0	0.50	ug/L	20.0		89.8	67-127			
trans-1,3-Dichloropropylene	18.8	0.50	ug/L	20.0		94.2	76-121			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
LCS (B0K0327-BS1) Continued										
Prepared & Analyzed: 11/03/20										
1,1-Dichloropropylene	18.2	0.50	ug/L	20.0		91.0	84-124			
Diisopropyl ether (DIPE)	16.9	2.0	ug/L	20.0		84.7	51-136			
Ethylbenzene	18.8	0.50	ug/L	20.0		94.0	86-124			
Ethyl-tert-Butyl Ether (ETBE)	15.8	2.0	ug/L	20.0		79.2	62-136			
Hexachlorobutadiene	23.2	1.0	ug/L	20.0		116	76-140			
2-Hexanone (MBK)	15.6	10	ug/L	20.0		78.1	52-123			
Isopropylbenzene	19.6	0.50	ug/L	20.0		98.2	70-130			
4-Isopropyltoluene	21.0	1.0	ug/L	20.0		105	70-130			
Methyl-tert-Butyl Ether (MTBE)	35.2	1.2	ug/L	40.0		88.1	58-144			
Methylene Chloride	19.8	5.0	ug/L	20.0		98.8	50-135			
4-Methyl-2-pentanone (MIBK)	18.1	10	ug/L	20.0		90.5	49-139			
Naphthalene	23.1	2.0	ug/L	20.0		116	74-128			
n-Propylbenzene	17.9	0.50	ug/L	20.0		89.7	70-130			
Styrene	20.2	0.50	ug/L	20.0		101	84-123			
1,1,1,2-Tetrachloroethane	21.0	0.50	ug/L	20.0		105	70-130			
1,1,2,2-Tetrachloroethane	18.6	0.50	ug/L	20.0		93.2	58-126			
Tetrachloroethylene (PCE)	20.7	0.50	ug/L	20.0		103	70-130			
Toluene	19.2	0.50	ug/L	20.0		96.0	83-118			
1,2,3-Trichlorobenzene	23.1	0.50	ug/L	20.0		116	77-134			
1,2,4-Trichlorobenzene	23.2	0.50	ug/L	20.0		116	84-128			
1,1,1-Trichloroethane	18.5	0.50	ug/L	20.0		92.6	66-158			
1,1,2-Trichloroethane	19.0	0.50	ug/L	20.0		95.1	75-115			
Trichloroethylene (TCE)	18.0	0.50	ug/L	20.0		90.1	82-128			
Trichlorofluoromethane (R11)	16.3	0.50	ug/L	20.0		81.4	65-137			
1,2,3-Trichloropropane	19.1	0.50	ug/L	20.0		95.6	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0		94.2	62-130			
1,3,5-Trimethylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2,4-Trimethylbenzene	19.4	0.50	ug/L	20.0		96.8	70-130			
Vinyl chloride	14.2	0.50	ug/L	20.0		70.8	51-151			
o-Xylene	19.8	0.50	ug/L	20.0		98.8	70-130			
m,p-Xylenes	39.7	1.0	ug/L	40.0		99.2	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
LCS (B0K0327-BS1) Continued										
Prepared & Analyzed: 11/03/20										
Surrogate: 4-Bromofluorobenzene	45.7		ug/L	50.0		91.4	80-129			
Surrogate: Dibromofluoromethane	45.6		ug/L	50.0		91.2	68-137			
Surrogate: Toluene-d8	45.6		ug/L	50.0		91.1	83-134			
LCS Dup (B0K0327-BSD1)										
Prepared: 11/03/20 Analyzed: 11/04/20										
Acetone	ND	10	ug/L	20.0			27-123		30	
tert-Amyl-Methyl Ether (TAME)	16.4	2.0	ug/L	20.0		81.9	58-133	3.95	30	
Benzene	16.4	0.50	ug/L	20.0		81.9	60-134	4.48	30	
Bromobenzene	20.5	0.50	ug/L	20.0		103	70-130	2.27	30	
Bromochloromethane	20.3	0.50	ug/L	20.0		101	78-121	1.44	30	
Bromodichloromethane	16.8	0.50	ug/L	20.0		84.2	74-135	5.04	30	
Bromoform	17.8	0.50	ug/L	20.0		88.8	68-132	11.0	30	
Bromomethane	12.0	0.50	ug/L	20.0		60.1	58-142	15.0	30	
2-Butanone (MEK)	15.9	10	ug/L	20.0		79.4	62-138	12.6	30	
tert-Butyl Alcohol (TBA)	71.7	10	ug/L	100		71.7	65-148	9.99	30	
sec-Butylbenzene	18.8	0.50	ug/L	20.0		93.8	84-142	3.51	30	
tert-Butylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130	4.96	30	
n-Butylbenzene	17.7	0.50	ug/L	20.0		88.4	70-130	6.93	30	
Carbon Disulfide	18.0	0.50	ug/L	20.0		90.0	17-177	1.23	30	
Carbon Tetrachloride	18.4	0.50	ug/L	20.0		92.0	66-155	4.15	30	
Chlorobenzene	19.6	0.50	ug/L	20.0		97.8	70-130	5.32	30	
Chloroethane	15.1	0.50	ug/L	20.0		75.6	45-166	11.9	30	
Chloroform	17.7	0.50	ug/L	20.0		88.3	71-131	3.89	30	
Chloromethane	12.5	0.50	ug/L	20.0		62.6	48-152	0.0799	30	
2-Chlorotoluene	18.7	0.50	ug/L	20.0		93.4	70-130	4.96	30	
4-Chlorotoluene	18.4	0.50	ug/L	20.0		92.2	70-130	5.64	30	
1,2-Dibromo-3-chloropropane	15.4	1.0	ug/L	20.0		76.9	53-145	8.65	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.4	72-133	5.88	30	
1,2-Dibromoethane (EDB)	19.9	0.50	ug/L	20.0		99.5	79-120	2.24	30	
Dibromomethane	18.9	0.50	ug/L	20.0		94.6	68-124	0.159	30	
1,3-Dichlorobenzene	19.5	0.50	ug/L	20.0		97.3	70-130	5.59	30	
1,2-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130	5.83	30	

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B

LCS Dup (B0K0327-BSD1) Continued

Prepared: 11/03/20 Analyzed: 11/04/20

1,4-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	6.44	30	
Dichlorodifluoromethane (R12)	9.81	0.50	ug/L	20.0		49.0	16-148	6.85	30	
1,1-Dichloroethane	16.8	0.50	ug/L	20.0		83.9	67-120	4.03	30	
1,2-Dichloroethane (EDC)	16.4	0.50	ug/L	20.0		82.2	57-156	5.04	30	
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0		92.2	50-149	3.20	30	
trans-1,2-Dichloroethylene	18.2	0.50	ug/L	20.0		91.2	66-126	3.29	30	
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.5	70-124	2.70	30	
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.8	53-139	5.46	30	
2,2-Dichloropropane	18.5	0.50	ug/L	20.0		92.5	44-162	6.89	30	
1,3-Dichloropropane	17.7	0.50	ug/L	20.0		88.4	79-113	5.34	30	
cis-1,3-Dichloropropylene	16.9	0.50	ug/L	20.0		84.6	67-127	6.08	30	
trans-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.7	76-121	6.01	30	
1,1-Dichloropropylene	17.4	0.50	ug/L	20.0		86.8	84-124	4.67	30	
Diisopropyl ether (DIPE)	16.2	2.0	ug/L	20.0		80.8	51-136	4.77	30	
Ethylbenzene	18.0	0.50	ug/L	20.0		89.8	86-124	4.51	30	
Ethyl-tert-Butyl Ether (ETBE)	15.4	2.0	ug/L	20.0		76.9	62-136	2.88	30	
Hexachlorobutadiene	20.2	1.0	ug/L	20.0		101	76-140	13.9	30	
2-Hexanone (MBK)	14.5	10	ug/L	20.0		72.6	52-123	7.30	30	
Isopropylbenzene	19.2	0.50	ug/L	20.0		95.8	70-130	2.42	30	
4-Isopropyltoluene	19.8	1.0	ug/L	20.0		98.9	70-130	5.84	30	
Methyl-tert-Butyl Ether (MTBE)	35.0	1.2	ug/L	40.0		87.4	58-144	0.798	30	
Methylene Chloride	19.2	5.0	ug/L	20.0		95.8	50-135	3.14	30	
4-Methyl-2-pentanone (MIBK)	16.3	10	ug/L	20.0		81.4	49-139	10.5	30	
Naphthalene	21.5	2.0	ug/L	20.0		107	74-128	7.26	30	
n-Propylbenzene	17.2	0.50	ug/L	20.0		86.2	70-130	4.04	30	
Styrene	18.8	0.50	ug/L	20.0		94.2	84-123	6.86	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	70-130	3.84	30	
1,1,2,2-Tetrachloroethane	17.4	0.50	ug/L	20.0		87.0	58-126	6.82	30	
Tetrachloroethylene (PCE)	20.0	0.50	ug/L	20.0		99.8	70-130	3.50	30	
Toluene	18.2	0.50	ug/L	20.0		91.0	83-118	5.40	30	
1,2,3-Trichlorobenzene	19.6	0.50	ug/L	20.0		97.8	77-134	16.7	30	
1,2,4-Trichlorobenzene	20.1	0.50	ug/L	20.0		100	84-128	14.1	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
LCS Dup (B0K0327-BSD1) Continued										
					Prepared: 11/03/20 Analyzed: 11/04/20					
1,1,1-Trichloroethane	18.0	0.50	ug/L	20.0		89.8	66-158	3.12	30	
1,1,2-Trichloroethane	18.0	0.50	ug/L	20.0		90.0	75-115	5.57	30	
Trichloroethylene (TCE)	17.3	0.50	ug/L	20.0		86.4	82-128	4.13	30	
Trichlorofluoromethane (R11)	18.9	0.50	ug/L	20.0		94.6	65-137	15.0	30	
1,2,3-Trichloropropane	17.5	0.50	ug/L	20.0		87.4	68-123	9.02	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0		93.8	62-130	0.426	30	
1,3,5-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130	4.40	30	
1,2,4-Trimethylbenzene	18.5	0.50	ug/L	20.0		92.4	70-130	4.60	30	
Vinyl chloride	14.1	0.50	ug/L	20.0		70.6	51-151	0.353	30	
o-Xylene	18.6	0.50	ug/L	20.0		92.8	70-130	6.37	30	
m,p-Xylenes	37.6	1.0	ug/L	40.0		94.0	70-130	5.43	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	46.0		ug/L	50.0		91.9	80-129			
<i>Surrogate: Dibromofluoromethane</i>	45.0		ug/L	50.0		90.1	68-137			
<i>Surrogate: Toluene-d8</i>	46.3		ug/L	50.0		92.7	83-134			
Matrix Spike (B0K0327-MS1)										
					Source: OJ27007-07 Prepared: 11/03/20 Analyzed: 11/04/20					
Acetone	13.2	10	ug/L	20.0		66.0	11-169			
tert-Amyl-Methyl Ether (TAME)	18.1	2.0	ug/L	20.0		90.5	66-133			
Benzene	18.4	0.50	ug/L	20.0		92.2	56-135			
Bromobenzene	22.4	0.50	ug/L	20.0		112	70-130			
Bromochloromethane	22.7	0.50	ug/L	20.0		113	74-125			
Bromodichloromethane	18.9	0.50	ug/L	20.0		94.3	68-144			
Bromoform	19.1	0.50	ug/L	20.0		95.6	68-151			
Bromomethane	10.7	0.50	ug/L	20.0		53.4	54-142			
2-Butanone (MEK)	18.1	10	ug/L	20.0		90.7	62-145			
tert-Butyl Alcohol (TBA)	81.9	10	ug/L	100		81.9	73-162			
sec-Butylbenzene	20.7	0.50	ug/L	20.0		103	84-145			
tert-Butylbenzene	22.0	0.50	ug/L	20.0		110	70-130			
n-Butylbenzene	19.6	0.50	ug/L	20.0		98.2	70-130			
Carbon Disulfide	19.1	0.50	ug/L	20.0	0.430	93.4	28-151			
Carbon Tetrachloride	20.7	0.50	ug/L	20.0		104	58-164			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
Matrix Spike (B0K0327-MS1) Continued Source: 0J27007-07 Prepared: 11/03/20 Analyzed: 11/04/20										
Chlorobenzene	21.5	0.50	ug/L	20.0		108	70-130			
Chloroethane	15.6	0.50	ug/L	20.0		77.9	42-164			
Chloroform	19.9	0.50	ug/L	20.0		99.6	65-138			
Chloromethane	13.6	0.50	ug/L	20.0		68.0	50-152			
2-Chlorotoluene	20.6	0.50	ug/L	20.0		103	70-130			
4-Chlorotoluene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dibromo-3-chloropropane	15.0	1.0	ug/L	20.0		74.8	53-161			
Dibromochloromethane	21.1	0.50	ug/L	20.0		106	70-130			
1,2-Dibromoethane (EDB)	21.1	0.50	ug/L	20.0		106	76-130			
Dibromomethane	20.9	0.50	ug/L	20.0		104	62-135			
1,3-Dichlorobenzene	21.6	0.50	ug/L	20.0		108	70-130			
1,2-Dichlorobenzene	22.7	0.50	ug/L	20.0		113	70-130			
1,4-Dichlorobenzene	22.0	0.50	ug/L	20.0		110	70-130			
Dichlorodifluoromethane (R12)	10.4	0.50	ug/L	20.0		52.2	17-153			
1,1-Dichloroethane	18.9	0.50	ug/L	20.0		94.5	55-131			
1,2-Dichloroethane (EDC)	18.2	0.50	ug/L	20.0		91.2	52-168			
1,1-Dichloroethylene	20.8	0.50	ug/L	20.0		104	51-140			
trans-1,2-Dichloroethylene	20.2	0.50	ug/L	20.0		101	59-127			
cis-1,2-Dichloroethylene	20.7	0.50	ug/L	20.0		103	70-130			
1,2-Dichloropropane	18.8	0.50	ug/L	20.0		93.8	52-142			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		108	36-168			
1,3-Dichloropropane	18.8	0.50	ug/L	20.0		93.9	80-121			
cis-1,3-Dichloropropylene	19.1	0.50	ug/L	20.0		95.5	66-130			
trans-1,3-Dichloropropylene	19.2	0.50	ug/L	20.0		95.8	78-130			
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		97.2	76-132			
Diisopropyl ether (DIPE)	18.3	2.0	ug/L	20.0		91.6	52-138			
Ethylbenzene	19.7	0.50	ug/L	20.0		98.4	86-128			
Ethyl-tert-Butyl Ether (ETBE)	17.2	2.0	ug/L	20.0		85.8	64-137			
Hexachlorobutadiene	23.4	1.0	ug/L	20.0		117	70-130			
2-Hexanone (MBK)	15.0	10	ug/L	20.0		75.2	52-141			
Isopropylbenzene	21.2	0.50	ug/L	20.0		106	70-130			
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	83-149			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
Matrix Spike (B0K0327-MS1) Continued Source: 0J27007-07 Prepared: 11/03/20 Analyzed: 11/04/20										
Methyl-tert-Butyl Ether (MTBE)	39.2	1.2	ug/L	40.0		98.0	56-150			
Methylene Chloride	19.4	5.0	ug/L	20.0		97.2	70-130			
4-Methyl-2-pentanone (MIBK)	18.0	10	ug/L	20.0		89.9	60-148			
Naphthalene	23.0	2.0	ug/L	20.0		115	70-130			
n-Propylbenzene	18.9	0.50	ug/L	20.0		94.6	70-130			
Styrene	16.6	0.50	ug/L	20.0		83.2	65-141			
1,1,1,2-Tetrachloroethane	22.2	0.50	ug/L	20.0		111	70-130			
1,1,2,2-Tetrachloroethane	18.7	0.50	ug/L	20.0		93.6	62-134			
Tetrachloroethylene (PCE)	21.9	0.50	ug/L	20.0		110	70-130			
Toluene	20.1	0.50	ug/L	20.0		100	81-123			
1,2,3-Trichlorobenzene	23.0	0.50	ug/L	20.0		115	73-144			
1,2,4-Trichlorobenzene	23.1	0.50	ug/L	20.0		115	80-137			
1,1,1-Trichloroethane	20.2	0.50	ug/L	20.0		101	62-164			
1,1,2-Trichloroethane	19.5	0.50	ug/L	20.0		97.3	76-122			
Trichloroethylene (TCE)	19.4	0.50	ug/L	20.0		97.0	72-136			
Trichlorofluoromethane (R11)	20.6	0.50	ug/L	20.0		103	59-144			
1,2,3-Trichloropropane	18.2	0.50	ug/L	20.0		90.8	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	21.0	0.50	ug/L	20.0		105	62-126			
1,3,5-Trimethylbenzene	21.4	0.50	ug/L	20.0		107	70-130			
1,2,4-Trimethylbenzene	20.4	0.50	ug/L	20.0		102	89-134			
Vinyl chloride	14.9	0.50	ug/L	20.0		74.7	54-150			
o-Xylene	20.6	0.50	ug/L	20.0		103	70-130			
m,p-Xylenes	41.3	1.0	ug/L	40.0		103	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.6		ug/L	50.0		91.3	80-129			
<i>Surrogate: Dibromofluoromethane</i>	46.0		ug/L	50.0		92.1	68-137			
<i>Surrogate: Toluene-d8</i>	45.5		ug/L	50.0		91.0	83-134			
Matrix Spike Dup (B0K0327-MSD1) Source: 0J27007-07 Prepared: 11/03/20 Analyzed: 11/04/20										
Acetone	10.5	10	ug/L	20.0		52.5	11-169	22.9	30	
tert-Amyl-Methyl Ether (TAME)	16.6	2.0	ug/L	20.0		83.0	66-133	8.71	30	
Benzene	16.4	0.50	ug/L	20.0		82.0	56-135	11.6	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
Matrix Spike Dup (B0K0327-MSD1) Source: 0J27007-07 Prepared: 11/03/20 Analyzed: 11/04/20										
Continued										
Bromobenzene	20.7	0.50	ug/L	20.0		104	70-130	7.84	30	
Bromochloromethane	20.8	0.50	ug/L	20.0		104	74-125	8.74	30	
Bromodichloromethane	16.9	0.50	ug/L	20.0		84.4	68-144	11.1	30	
Bromoform	18.0	0.50	ug/L	20.0		90.1	68-151	5.87	30	
Bromomethane	13.3	0.50	ug/L	20.0		66.7	54-142	22.1	30	
2-Butanone (MEK)	17.1	10	ug/L	20.0		85.4	62-145	6.08	30	
tert-Butyl Alcohol (TBA)	74.7	10	ug/L	100		74.7	73-162	9.24	30	
sec-Butylbenzene	19.1	0.50	ug/L	20.0		95.4	84-145	8.15	30	
tert-Butylbenzene	20.3	0.50	ug/L	20.0		101	70-130	8.23	30	
n-Butylbenzene	18.0	0.50	ug/L	20.0		90.2	70-130	8.55	30	
Carbon Disulfide	17.2	0.50	ug/L	20.0	0.430	83.9	28-151	10.4	30	
Carbon Tetrachloride	18.4	0.50	ug/L	20.0		92.0	58-164	12.0	30	
Chlorobenzene	19.6	0.50	ug/L	20.0		98.0	70-130	9.38	30	
Chloroethane	13.7	0.50	ug/L	20.0		68.4	42-164	12.9	30	
Chloroform	17.5	0.50	ug/L	20.0		87.6	65-138	12.8	30	
Chloromethane	12.0	0.50	ug/L	20.0		60.2	50-152	12.2	30	
2-Chlorotoluene	19.0	0.50	ug/L	20.0		95.1	70-130	8.12	30	
4-Chlorotoluene	18.7	0.50	ug/L	20.0		93.7	70-130	8.87	30	
1,2-Dibromo-3-chloropropane	16.0	1.0	ug/L	20.0		80.2	53-161	6.91	30	
Dibromochloromethane	19.5	0.50	ug/L	20.0		97.7	70-130	7.77	30	
1,2-Dibromoethane (EDB)	19.4	0.50	ug/L	20.0		97.0	76-130	8.40	30	
Dibromomethane	19.0	0.50	ug/L	20.0		95.0	62-135	9.53	30	
1,3-Dichlorobenzene	19.9	0.50	ug/L	20.0		99.3	70-130	8.25	30	
1,2-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	7.45	30	
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130	8.14	30	
Dichlorodifluoromethane (R12)	8.95	0.50	ug/L	20.0		44.8	17-153	15.3	30	
1,1-Dichloroethane	16.6	0.50	ug/L	20.0		83.1	55-131	12.8	30	
1,2-Dichloroethane (EDC)	16.4	0.50	ug/L	20.0		81.8	52-168	11.0	30	
1,1-Dichloroethylene	18.5	0.50	ug/L	20.0		92.4	51-140	12.0	30	
trans-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.3	59-127	10.1	30	
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.4	70-130	12.3	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B</i>										
Matrix Spike Dup (B0K0327-MSD1) Source: 0J27007-07 Prepared: 11/03/20 Analyzed: 11/04/20										
Continued										
1,2-Dichloropropane	16.5	0.50	ug/L	20.0		82.7	52-142	12.6	30	
2,2-Dichloropropane	19.1	0.50	ug/L	20.0		95.5	36-168	12.0	30	
1,3-Dichloropropane	17.8	0.50	ug/L	20.0		89.2	80-121	5.13	30	
cis-1,3-Dichloropropylene	16.8	0.50	ug/L	20.0		84.2	66-130	12.6	30	
trans-1,3-Dichloropropylene	17.6	0.50	ug/L	20.0		88.0	78-130	8.44	30	
1,1-Dichloropropylene	17.3	0.50	ug/L	20.0		86.6	76-132	11.5	30	
Diisopropyl ether (DIPE)	16.1	2.0	ug/L	20.0		80.7	52-138	12.7	30	
Ethylbenzene	17.9	0.50	ug/L	20.0		89.7	86-128	9.30	30	
Ethyl-tert-Butyl Ether (ETBE)	15.3	2.0	ug/L	20.0		76.4	64-137	11.6	30	
Hexachlorobutadiene	21.3	1.0	ug/L	20.0		106	70-130	9.54	30	
2-Hexanone (MBK)	14.4	10	ug/L	20.0		71.8	52-141	4.56	30	
Isopropylbenzene	19.5	0.50	ug/L	20.0		97.4	70-130	8.32	30	
4-Isopropyltoluene	20.2	1.0	ug/L	20.0		101	83-149	7.52	30	
Methyl-tert-Butyl Ether (MTBE)	35.6	1.2	ug/L	40.0		89.0	56-150	9.60	30	
Methylene Chloride	16.9	5.0	ug/L	20.0		84.5	70-130	14.0	30	
4-Methyl-2-pentanone (MIBK)	17.8	10	ug/L	20.0		88.9	60-148	1.12	30	
Naphthalene	23.5	2.0	ug/L	20.0		118	70-130	2.45	30	
n-Propylbenzene	17.4	0.50	ug/L	20.0		86.8	70-130	8.60	30	
Styrene	16.6	0.50	ug/L	20.0		83.2	65-141	0.00	30	
1,1,1,2-Tetrachloroethane	20.2	0.50	ug/L	20.0		101	70-130	9.45	30	
1,1,2,2-Tetrachloroethane	17.8	0.50	ug/L	20.0		89.0	62-134	5.09	30	
Tetrachloroethylene (PCE)	19.7	0.50	ug/L	20.0		98.5	70-130	10.7	30	
Toluene	18.2	0.50	ug/L	20.0		90.8	81-123	10.1	30	
1,2,3-Trichlorobenzene	21.7	0.50	ug/L	20.0		109	73-144	5.90	30	
1,2,4-Trichlorobenzene	21.6	0.50	ug/L	20.0		108	80-137	6.72	30	
1,1,1-Trichloroethane	17.9	0.50	ug/L	20.0		89.3	62-164	12.5	30	
1,1,2-Trichloroethane	18.2	0.50	ug/L	20.0		90.9	76-122	6.80	30	
Trichloroethylene (TCE)	17.3	0.50	ug/L	20.0		86.3	72-136	11.6	30	
Trichlorofluoromethane (R11)	18.2	0.50	ug/L	20.0		91.2	59-144	12.0	30	
1,2,3-Trichloropropane	17.8	0.50	ug/L	20.0		88.8	69-135	2.23	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0K0327 - EPA 5030B

Matrix Spike Dup (B0K0327-MSD1) Source: 0J27007-07 Prepared: 11/03/20 Analyzed: 11/04/20
Continued

1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.1	0.50	ug/L	20.0		95.6	62-126	9.46	30	
1,3,5-Trimethylbenzene	19.8	0.50	ug/L	20.0		98.8	70-130	7.68	30	
1,2,4-Trimethylbenzene	18.6	0.50	ug/L	20.0		93.1	89-134	9.32	30	
Vinyl chloride	12.6	0.50	ug/L	20.0		63.2	54-150	16.6	30	
o-Xylene	18.9	0.50	ug/L	20.0		94.4	70-130	8.47	30	
m,p-Xylenes	37.8	1.0	ug/L	40.0		94.4	70-130	9.03	30	
Surrogate: 4-Bromofluorobenzene	46.0		ug/L	50.0		92.0	80-129			
Surrogate: Dibromofluoromethane	45.0		ug/L	50.0		89.9	68-137			
Surrogate: Toluene-d8	46.1		ug/L	50.0		92.2	83-134			

Diesel Range Organics by GC/FID - Quality Control

Batch B0J2830 - EPA 3510C

Blank (B0J2830-BLK1) Prepared: 10/28/20 Analyzed: 11/10/20

Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0278		mg/L	0.0400		69.5	50-150			

LCS (B0J2830-BS1) Prepared: 10/28/20 Analyzed: 11/10/20

Diesel Range Organics as Diesel	0.356	0.10	mg/L	0.800		44.5	36-132			
Surrogate: o-Terphenyl	0.0289		mg/L	0.0400		72.3	50-150			

LCS Dup (B0J2830-BSD1) Prepared: 10/28/20 Analyzed: 11/10/20

Diesel Range Organics as Diesel	0.381	0.10	mg/L	0.800		47.7	36-132	6.83	30	
Surrogate: o-Terphenyl	0.0290		mg/L	0.0400		72.6	50-150			

Gasoline Range Organics by GC/FID - Quality Control

Batch B0J3009 - *** DEFAULT PREP ***

Blank (B0J3009-BLK1) Prepared & Analyzed: 10/30/20

Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	45.2		ug/L	50.0		90.3	80-120			

LCS (B0J3009-BS1) Prepared & Analyzed: 10/30/20

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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 B0J3009 - *** DEFAULT PREP ***</i>										
LCS (B0J3009-BS1) Continued				Prepared & Analyzed: 10/30/20						
Gasoline Range Organics (GRO)	474	100	ug/L	500		94.8	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	51.4		ug/L	50.0		103	80-120			
LCS Dup (B0J3009-BSD1)				Prepared & Analyzed: 10/30/20						
Gasoline Range Organics (GRO)	453	100	ug/L	500		90.7	75-125	4.43	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.0		ug/L	50.0		97.9	80-120			
Matrix Spike (B0J3009-MS1)				Source: 0J23004-03		Prepared & Analyzed: 10/30/20				
Gasoline Range Organics (GRO)	445	100	ug/L	500	22.6	84.6	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.4		ug/L	50.0		98.9	80-120			
Matrix Spike Dup (B0J3009-MSD1)				Source: 0J23004-03		Prepared & Analyzed: 10/30/20				
Gasoline Range Organics (GRO)	453	100	ug/L	500	22.6	86.2	70-130	1.79	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	47.1		ug/L	50.0		94.3	80-120			
<i>Batch B0K0321 - *** DEFAULT PREP ***</i>										
Blank (B0K0321-BLK1)				Prepared & Analyzed: 11/03/20						
Gasoline Range Organics (GRO)	<100	100	ug/L							
<i>Surrogate: a,a,a-Trifluorotoluene</i>	42.0		ug/L	50.0		84.0	80-120			
LCS (B0K0321-BS1)				Prepared & Analyzed: 11/03/20						
Gasoline Range Organics (GRO)	480	100	ug/L	500		96.1	75-125		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	52.1		ug/L	50.0		104	80-120			
LCS Dup (B0K0321-BSD1)				Prepared & Analyzed: 11/03/20						
Gasoline Range Organics (GRO)	491	100	ug/L	500		98.2	75-125	2.17	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	50.5		ug/L	50.0		101	80-120			
Matrix Spike (B0K0321-MS1)				Source: 0J23004-06		Prepared & Analyzed: 11/03/20				
Gasoline Range Organics (GRO)	464	100	ug/L	500	19.9	88.8	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	45.1		ug/L	50.0		90.1	80-120			
Matrix Spike Dup (B0K0321-MSD1)				Source: 0J23004-06		Prepared & Analyzed: 11/03/20				
Gasoline Range Organics (GRO)	451	100	ug/L	500	19.9	86.2	70-130	2.90	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	46.9		ug/L	50.0		93.7	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333810
Date Received: 10/23/20
Date Reported: 11/16/20

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.
- [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 'VA'.

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.: 21413

20200105

Page 1 of 1

Client: APEX-SGI Project Name / No.: DFSP Norwalk Sampler's Name: DAVID WILSON

Project Manager: DAVID SWENSSON Site Address: 15603 Norwalk Blvd. Sampler's Signature: [Signature]

Phone: 562-597-1055 City: Norwalk P.O. No.: ---

Fax: 562-597-1070 State & Zip: Ca Quote No.: ---

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)

ANALYSIS REQUESTED (Test Name)

9268B	80K TH-G	801M-D																		
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Please enter the TAT Turnaround Codes ** below

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Special Instructions														
QCTB-1	0523004-01	10-23-20	6:00	GW	2	X														
QCEB-1	-02	10-23-20	7:40	GW	3	X														
TF-21	-03	10-23-20	8:20	GW	6	X														
GMW-57	-04	10-23-20	9:00	GW	6	X														
GMW-19	-05	10-23-20	9:35	GW	6	X														
GMW-15	-06	10-23-20	10:30	GW	6	X														
TP-24	-07	10-23-20	11:05	GW	6	X														
DUP-5	-08	10-23-20	XXXX	GW	6	X														
GMW-21	-09	10-23-20	11:45	GW	6	X														

For Laboratory Use		Relinquished by	Date	Time	Received by	Time
Date <u>10/26/2020</u> Time <u>10:00</u>		<u>[Signature]</u>	<u>10/23/20</u>	<u>13:10</u>	<u>[Signature]</u>	<u>13:10</u>
TAT N. Date <u>5/11/16</u>		Relinquished by	Date	Time	Received by	Time
		<u>[Signature]</u>	<u>10/23/20</u>	<u>16:23</u>	<u>[Signature]</u>	<u>16:23</u>
		Relinquished by	Date	Time	Received by	Time
		<u>[Signature]</u>				

A.A. Project No.: AE338810 / 0523004

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

November 24, 2020

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5333815 / 0J27008**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/27/20 15:10 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 grey circular stamp.

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	OJ27008-01	Water	5	10/26/20 06:00	10/27/20 15:10
QCEB-1	OJ27008-02	Water	5	10/26/20 07:10	10/27/20 15:10

8260B+OXYGENATES

PZ-3	OJ27008-03	Water	5	10/26/20 07:40	10/27/20 15:10
TF-8	OJ27008-04	Water	5	10/26/20 08:15	10/27/20 15:10
GW-2	OJ27008-05	Water	5	10/26/20 08:55	10/27/20 15:10
GMW-7	OJ27008-06	Water	5	10/26/20 09:30	10/27/20 15:10
DUP-6	OJ27008-07	Water	5	10/26/20 00:00	10/27/20 15:10
TF-15	OJ27008-08	Water	5	10/26/20 10:10	10/27/20 15:10
TF-16	OJ27008-09	Water	5	10/26/20 11:20	10/27/20 15:10
GMW-18	OJ27008-10	Water	5	10/26/20 10:45	10/27/20 15:10
GW-14R	OJ27008-11	Water	5	10/26/20 11:55	10/27/20 15:10
TF-23	OJ27008-12	Water	5	10/26/20 12:30	10/27/20 15:10
GMW-45	OJ27008-13	Water	5	10/26/20 13:00	10/27/20 15:10
GMW-47	OJ27008-14	Water	5	10/26/20 13:35	10/27/20 15:10
GMW-35R	OJ27008-15	Water	5	10/26/20 14:10	10/27/20 15:10

Diesel Range Organics 8015M

QCEB-1	OJ27008-02	Water	5	10/26/20 07:10	10/27/20 15:10
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
PZ-3	OJ27008-03	Water	5	10/26/20 07:40	10/27/20 15:10
TF-8	OJ27008-04	Water	5	10/26/20 08:15	10/27/20 15:10
GW-2	OJ27008-05	Water	5	10/26/20 08:55	10/27/20 15:10
GMW-7	OJ27008-06	Water	5	10/26/20 09:30	10/27/20 15:10
DUP-6	OJ27008-07	Water	5	10/26/20 00:00	10/27/20 15:10
TF-15	OJ27008-08	Water	5	10/26/20 10:10	10/27/20 15:10
TF-16	OJ27008-09	Water	5	10/26/20 11:20	10/27/20 15:10
GMW-18	OJ27008-10	Water	5	10/26/20 10:45	10/27/20 15:10
GW-14R	OJ27008-11	Water	5	10/26/20 11:55	10/27/20 15:10
TF-23	OJ27008-12	Water	5	10/26/20 12:30	10/27/20 15:10
GMW-45	OJ27008-13	Water	5	10/26/20 13:00	10/27/20 15:10
GMW-47	OJ27008-14	Water	5	10/26/20 13:35	10/27/20 15:10
GMW-35R	OJ27008-15	Water	5	10/26/20 14:10	10/27/20 15:10

Gasoline Range Organics 8015M

PZ-3	OJ27008-03	Water	5	10/26/20 07:40	10/27/20 15:10
TF-8	OJ27008-04	Water	5	10/26/20 08:15	10/27/20 15:10
GW-2	OJ27008-05	Water	5	10/26/20 08:55	10/27/20 15:10
GMW-7	OJ27008-06	Water	5	10/26/20 09:30	10/27/20 15:10
DUP-6	OJ27008-07	Water	5	10/26/20 00:00	10/27/20 15:10
TF-15	OJ27008-08	Water	5	10/26/20 10:10	10/27/20 15:10

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
TF-16	0J27008-09	Water	5	10/26/20 11:20	10/27/20 15:10
GMW-18	0J27008-10	Water	5	10/26/20 10:45	10/27/20 15:10
GW-14R	0J27008-11	Water	5	10/26/20 11:55	10/27/20 15:10
TF-23	0J27008-12	Water	5	10/26/20 12:30	10/27/20 15:10
GMW-45	0J27008-13	Water	5	10/26/20 13:00	10/27/20 15:10
GMW-47	0J27008-14	Water	5	10/26/20 13:35	10/27/20 15:10
GMW-35R	0J27008-15	Water	5	10/26/20 14:10	10/27/20 15:10

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	
AA ID No:	0J27008-01	0J27008-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	17	13	10
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	10
tert-Butyl Alcohol (TBA)	22	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	
AA ID No:	0J27008-01	0J27008-02	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	
AA ID No:	0J27008-01	0J27008-02	
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	92%	92%	80-129
Dibromofluoromethane	100%	100%	68-137
Toluene-d8	91%	91%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-03	0J27008-04	0J27008-05	0J27008-06	
Client ID No:	PZ-3	TF-8	GW-2	GMW-7	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<10	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<2.0	<2.0	2.0
Benzene	<0.50	<0.50	<0.50	150	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)	<10	<10	<10	<10	10
tert-Butyl Alcohol (TBA)	<10	<10	12	17	10
sec-Butylbenzene	<0.50	<0.50	<0.50	2.8	0.50
tert-Butylbenzene	<0.50	<0.50	<0.50	1.6	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	OJ27008-03	OJ27008-04	OJ27008-05	OJ27008-06	
Client ID No:	PZ-3	TF-8	GW-2	GMW-7	
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	4.1	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	1.3	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)	<10	<10	<10	<10	10
Isopropylbenzene	<0.50	<0.50	<0.50	15	0.50
4-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	1.6	<1.2	<1.2	1.8	1.2
Methylene Chloride	<5.0	<5.0	<5.0	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<10	<10	10
Naphthalene	<2.0	<2.0	<2.0	3.9	2.0
n-Propylbenzene	<0.50	<0.50	<0.50	4.9	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

	10/26/20	10/26/20	10/26/20	10/26/20	
Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-03	0J27008-04	0J27008-05	0J27008-06	
Client ID No:	PZ-3	TF-8	GW-2	GMW-7	
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	0.54	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	0.70	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

					<u>%REC Limits</u>
4-Bromofluorobenzene	92%	93%	92%	87%	80-129
Dibromofluoromethane	101%	103%	103%	100%	68-137
Toluene-d8	90%	90%	92%	93%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-07	0J27008-08	0J27008-09	0J27008-10	
Client ID No:	DUP-6	TF-15	TF-16	GMW-18	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	5	2	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<50	<20	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<10	<4.0	<2.0	2.0
Benzene	110	59	32	1.7	0.50
Bromobenzene	<0.50	<2.5	<1.0	<0.50	0.50
Bromochloromethane	<0.50	<2.5	<1.0	<0.50	0.50
Bromodichloromethane	<0.50	<2.5	<1.0	<0.50	0.50
Bromoform	<0.50	<2.5	<1.0	<0.50	0.50
Bromomethane	<0.50	<2.5	<1.0	<0.50	0.50
2-Butanone (MEK)	<10	<50	<20	<10	10
tert-Butyl Alcohol (TBA)	31	<50	30	<10	10
sec-Butylbenzene	3.1	7.0	6.8	0.50	0.50
tert-Butylbenzene	1.6	<2.5	3.1	<0.50	0.50
n-Butylbenzene	<0.50	<2.5	<1.0	<0.50	0.50
Carbon Disulfide	<0.50	4.6	<1.0	<0.50	0.50
Carbon Tetrachloride	<0.50	<2.5	<1.0	<0.50	0.50
Chlorobenzene	<0.50	<2.5	<1.0	<0.50	0.50
Chloroethane	<0.50	<2.5	<1.0	<0.50	0.50
Chloroform	<0.50	<2.5	<1.0	<0.50	0.50
Chloromethane	<0.50	<2.5	<1.0	<0.50	0.50
2-Chlorotoluene	<0.50	<2.5	<1.0	<0.50	0.50
4-Chlorotoluene	<0.50	<2.5	<1.0	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<5.0	<2.0	<1.0	1.0
Dibromochloromethane	<0.50	<2.5	<1.0	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<2.5	<1.0	<0.50	0.50
Dibromomethane	<0.50	<2.5	<1.0	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<2.5	<1.0	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<2.5	<1.0	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

	10/26/20	10/26/20	10/26/20	10/26/20	
Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-07	0J27008-08	0J27008-09	0J27008-10	
Client ID No:	DUP-6	TF-15	TF-16	GMW-18	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	5	2	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<2.5	<1.0	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<2.5	<1.0	<0.50	0.50
1,1-Dichloroethane	<0.50	<2.5	<1.0	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	<2.5	<1.0	<0.50	0.50
1,1-Dichloroethylene	<0.50	<2.5	<1.0	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<2.5	<1.0	<0.50	0.50
cis-1,2-Dichloroethylene	4.2	<2.5	<1.0	<0.50	0.50
1,2-Dichloropropane	<0.50	<2.5	<1.0	<0.50	0.50
2,2-Dichloropropane	<0.50	<2.5	<1.0	<0.50	0.50
1,3-Dichloropropane	<0.50	<2.5	<1.0	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<2.5	<1.0	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<2.5	<1.0	<0.50	0.50
1,1-Dichloropropylene	<0.50	<2.5	<1.0	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<10	<4.0	<2.0	2.0
Ethylbenzene	1.4	<2.5	4.3	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<10	<4.0	<2.0	2.0
Hexachlorobutadiene	<1.0	<5.0	<2.0	<1.0	1.0
2-Hexanone (MBK)	<10	<50	<20	<10	10
Isopropylbenzene	16	52	27	2.2	0.50
4-Isopropyltoluene	<1.0	<5.0	<2.0	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	1.8	<6.0	<2.4	<1.2	1.2
Methylene Chloride	<5.0	<25	<10	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<50	<20	<10	10
Naphthalene	3.7	58	54	4.6	2.0
n-Propylbenzene	5.3	36	23	<0.50	0.50
Styrene	<0.50	<2.5	<1.0	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<2.5	<1.0	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-07	0J27008-08	0J27008-09	0J27008-10	
Client ID No:	DUP-6	TF-15	TF-16	GMW-18	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	5	2	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<2.5	<1.0	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<2.5	<1.0	<0.50	0.50
Toluene	0.53	<2.5	<1.0	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<2.5	<1.0	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<2.5	<1.0	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<2.5	<1.0	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<2.5	<1.0	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<2.5	<1.0	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<2.5	<1.0	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<2.5	<1.0	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<2.5	<1.0	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	12	<1.0	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	<2.5	<1.0	<0.50	0.50
Vinyl chloride	0.79	<2.5	<1.0	<0.50	0.50
o-Xylene	<0.50	<2.5	<1.0	<0.50	0.50
m,p-Xylenes	<1.0	<5.0	<2.0	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	86%	88%	86%	91%	80-129
Dibromofluoromethane	96%	99%	97%	100%	68-137
Toluene-d8	92%	91%	93%	92%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

	10/26/20	10/26/20	10/26/20	10/26/20	
Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-11	0J27008-12	0J27008-13	0J27008-14	
Client ID No:	GW-14R	TF-23	GMW-45	GMW-47	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	5	1	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<10	<10	<50	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	<2.0	<10	<2.0	2.0
Benzene	7.5	1.1	54	<0.50	0.50
Bromobenzene	<0.50	<0.50	<2.5	<0.50	0.50
Bromochloromethane	<0.50	<0.50	<2.5	<0.50	0.50
Bromodichloromethane	<0.50	<0.50	<2.5	<0.50	0.50
Bromoform	<0.50	<0.50	<2.5	<0.50	0.50
Bromomethane	<0.50	<0.50	<2.5	<0.50	0.50
2-Butanone (MEK)	<10	<10	<50	<10	10
tert-Butyl Alcohol (TBA)	<10	1300	<50	160	10
sec-Butylbenzene	5.0	1.1	7.2	<0.50	0.50
tert-Butylbenzene	1.2	2.0	<2.5	1.3	0.50
n-Butylbenzene	3.9	0.60	4.6	<0.50	0.50
Carbon Disulfide	0.68	0.67	<2.5	0.51	0.50
Carbon Tetrachloride	<0.50	<0.50	<2.5	<0.50	0.50
Chlorobenzene	<0.50	<0.50	<2.5	<0.50	0.50
Chloroethane	<0.50	<0.50	<2.5	<0.50	0.50
Chloroform	<0.50	<0.50	<2.5	<0.50	0.50
Chloromethane	<0.50	<0.50	<2.5	<0.50	0.50
2-Chlorotoluene	<0.50	<0.50	<2.5	<0.50	0.50
4-Chlorotoluene	<0.50	<0.50	<2.5	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	<1.0	<5.0	<1.0	1.0
Dibromochloromethane	<0.50	<0.50	<2.5	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	<0.50	<2.5	<0.50	0.50
Dibromomethane	<0.50	<0.50	<2.5	<0.50	0.50
1,3-Dichlorobenzene	<0.50	<0.50	<2.5	<0.50	0.50
1,2-Dichlorobenzene	<0.50	<0.50	<2.5	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

	10/26/20	10/26/20	10/26/20	10/26/20	
Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-11	0J27008-12	0J27008-13	0J27008-14	
Client ID No:	GW-14R	TF-23	GMW-45	GMW-47	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	5	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	<0.50	<2.5	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	<0.50	<2.5	<0.50	0.50
1,1-Dichloroethane	<0.50	3.3	<2.5	0.52	0.50
1,2-Dichloroethane (EDC)	<0.50	<0.50	<2.5	<0.50	0.50
1,1-Dichloroethylene	<0.50	<0.50	<2.5	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	<0.50	<2.5	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	1.2	<2.5	<0.50	0.50
1,2-Dichloropropane	<0.50	<0.50	<2.5	<0.50	0.50
2,2-Dichloropropane	<0.50	<0.50	<2.5	<0.50	0.50
1,3-Dichloropropane	<0.50	<0.50	<2.5	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	<0.50	<2.5	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	<0.50	<2.5	<0.50	0.50
1,1-Dichloropropylene	<0.50	<0.50	<2.5	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	<2.0	<10	<2.0	2.0
Ethylbenzene	5.5	<0.50	29	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	<2.0	<10	<2.0	2.0
Hexachlorobutadiene	<1.0	<1.0	<5.0	<1.0	1.0
2-Hexanone (MBK)	<10	<10	<50	<10	10
Isopropylbenzene	18	1.6	32	<0.50	0.50
4-Isopropyltoluene	2.2	<1.0	8.2	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	21	<6.0	5.1	1.2
Methylene Chloride	<5.0	<5.0	<25	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	<10	<50	<10	10
Naphthalene	21	<2.0	58	<2.0	2.0
n-Propylbenzene	18	<0.50	28	<0.50	0.50
Styrene	<0.50	<0.50	<2.5	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	<0.50	<2.5	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/04/20	
AA ID No:	0J27008-11	0J27008-12	0J27008-13	0J27008-14	
Client ID No:	GW-14R	TF-23	GMW-45	GMW-47	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	5	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	<0.50	<2.5	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	<0.50	<2.5	<0.50	0.50
Toluene	<0.50	<0.50	<2.5	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	<0.50	<2.5	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	<0.50	<2.5	<0.50	0.50
1,1,1-Trichloroethane	<0.50	<0.50	<2.5	<0.50	0.50
1,1,2-Trichloroethane	<0.50	<0.50	<2.5	<0.50	0.50
Trichloroethylene (TCE)	<0.50	<0.50	<2.5	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	<0.50	<2.5	<0.50	0.50
1,2,3-Trichloropropane	<0.50	<0.50	<2.5	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	<0.50	<2.5	<0.50	0.50
1,3,5-Trimethylbenzene	2.0	<0.50	53	<0.50	0.50
1,2,4-Trimethylbenzene	4.4	<0.50	150	<0.50	0.50
Vinyl chloride	<0.50	<0.50	<2.5	<0.50	0.50
o-Xylene	<0.50	<0.50	<2.5	<0.50	0.50
m,p-Xylenes	1.2	<1.0	80	<1.0	1.0

<u>Surrogates</u>					<u>%REC Limits</u>
4-Bromofluorobenzene	86%	90%	92%	93%	80-129
Dibromofluoromethane	98%	97%	98%	99%	68-137
Toluene-d8	92%	93%	91%	91%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	
Date Prepared:	11/04/20	
Date Analyzed:	11/04/20	
AA ID No:	0J27008-15	
Client ID No:	GMW-35R	
Matrix:	Water	
Dilution Factor:	2	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<20	10
tert-Amyl-Methyl Ether (TAME)	<4.0	2.0
Benzene	20	0.50
Bromobenzene	<1.0	0.50
Bromochloromethane	<1.0	0.50
Bromodichloromethane	<1.0	0.50
Bromoform	<1.0	0.50
Bromomethane	<1.0	0.50
2-Butanone (MEK)	<20	10
tert-Butyl Alcohol (TBA)	730	10
sec-Butylbenzene	8.7	0.50
tert-Butylbenzene	1.9	0.50
n-Butylbenzene	2.4	0.50
Carbon Disulfide	<1.0	0.50
Carbon Tetrachloride	<1.0	0.50
Chlorobenzene	<1.0	0.50
Chloroethane	<1.0	0.50
Chloroform	<1.0	0.50
Chloromethane	<1.0	0.50
2-Chlorotoluene	<1.0	0.50
4-Chlorotoluene	<1.0	0.50
1,2-Dibromo-3-chloropropane	<2.0	1.0
Dibromochloromethane	<1.0	0.50
1,2-Dibromoethane (EDB)	<1.0	0.50
Dibromomethane	<1.0	0.50
1,3-Dichlorobenzene	<1.0	0.50
1,2-Dichlorobenzene	<1.0	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	
Date Prepared:	11/04/20	
Date Analyzed:	11/04/20	
AA ID No:	0J27008-15	
Client ID No:	GMW-35R	
Matrix:	Water	
Dilution Factor:	2	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<1.0	0.50
Dichlorodifluoromethane (R12)	<1.0	0.50
1,1-Dichloroethane	1.4	0.50
1,2-Dichloroethane (EDC)	<1.0	0.50
1,1-Dichloroethylene	<1.0	0.50
trans-1,2-Dichloroethylene	<1.0	0.50
cis-1,2-Dichloroethylene	<1.0	0.50
1,2-Dichloropropane	<1.0	0.50
2,2-Dichloropropane	<1.0	0.50
1,3-Dichloropropane	<1.0	0.50
cis-1,3-Dichloropropylene	<1.0	0.50
trans-1,3-Dichloropropylene	<1.0	0.50
1,1-Dichloropropylene	<1.0	0.50
Diisopropyl ether (DIPE)	<4.0	2.0
Ethylbenzene	<1.0	0.50
Ethyl-tert-Butyl Ether (ETBE)	<4.0	2.0
Hexachlorobutadiene	<2.0	1.0
2-Hexanone (MBK)	<20	10
Isopropylbenzene	50	0.50
4-Isopropyltoluene	<2.0	1.0
Methyl-tert-Butyl Ether (MTBE)	8.9	1.2
Methylene Chloride	<10	5.0
4-Methyl-2-pentanone (MIBK)	<20	10
Naphthalene	6.5	2.0
n-Propylbenzene	37	0.50
Styrene	<1.0	0.50
1,1,1,2-Tetrachloroethane	<1.0	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	
Date Prepared:	11/04/20	
Date Analyzed:	11/04/20	
AA ID No:	0J27008-15	
Client ID No:	GMW-35R	
Matrix:	Water	
Dilution Factor:	2	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<1.0	0.50
Tetrachloroethylene (PCE)	<1.0	0.50
Toluene	<1.0	0.50
1,2,3-Trichlorobenzene	<1.0	0.50
1,2,4-Trichlorobenzene	<1.0	0.50
1,1,1-Trichloroethane	<1.0	0.50
1,1,2-Trichloroethane	<1.0	0.50
Trichloroethylene (TCE)	<1.0	0.50
Trichlorofluoromethane (R11)	<1.0	0.50
1,2,3-Trichloropropane	<1.0	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<1.0	0.50
1,3,5-Trimethylbenzene	<1.0	0.50
1,2,4-Trimethylbenzene	<1.0	0.50
Vinyl chloride	<1.0	0.50
o-Xylene	<1.0	0.50
m,p-Xylenes	<2.0	1.0

<u>Surrogates</u>		<u>%REC Limits</u>
4-Bromofluorobenzene	86%	80-129
Dibromofluoromethane	99%	68-137
Toluene-d8	90%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: mg/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	10/30/20	10/30/20	10/30/20	11/02/20	
Date Analyzed:	11/10/20	11/10/20	11/10/20	11/09/20	
AA ID No:	0J27008-02	0J27008-03	0J27008-04	0J27008-05	
Client ID No:	QCEB-1	PZ-3	TF-8	GW-2	
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	0.47	0.25	0.16	0.10
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Surrogates

o-Terphenyl	90%	100%	60%	101%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: mg/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/02/20	11/02/20	11/02/20	11/02/20	
Date Analyzed:	11/09/20	11/09/20	11/09/20	11/09/20	
AA ID No:	0J27008-06	0J27008-07	0J27008-08	0J27008-09	
Client ID No:	GMW-7	DUP-6	TF-15	TF-16	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	2.3	2.3	2.3	2.1	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	81%	84%	87%	97%	50-150

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: mg/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/02/20	11/02/20	11/02/20	11/02/20	
Date Analyzed:	11/09/20	11/09/20	11/09/20	11/09/20	
AA ID No:	0J27008-10	0J27008-11	0J27008-12	0J27008-13	
Client ID No:	GMW-18	GW-14R	TF-23	GMW-45	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	5	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.38	8.1	1.9	0.72	0.10
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<u>Surrogates</u>					<u>%REC Limits</u>
o-Terphenyl	60%	105%	112%	70%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: mg/L

Date Sampled:	10/26/20	10/26/20	
Date Prepared:	11/02/20	11/02/20	
Date Analyzed:	11/09/20	11/09/20	
AA ID No:	0J27008-14	0J27008-15	
Client ID No:	GMW-47	GMW-35R	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	0.75	1.5	0.10
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<u>Surrogates</u>			<u>%REC Limits</u>
o-Terphenyl	61%	110%	50-150

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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20
Date Prepared:	11/02/20	11/02/20	11/02/20	11/02/20
Date Analyzed:	11/02/20	11/02/20	11/02/20	11/02/20
AA ID No:	0J27008-03	0J27008-04	0J27008-05	0J27008-06
Client ID No:	PZ-3	TF-8	GW-2	GMW-7
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	530	100
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Surrogates

a,a,a-Trifluorotoluene	92%	95%	89%	90%	<u>%REC Limits</u> 80-120
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 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/02/20	11/02/20	11/02/20	11/04/20	
Date Analyzed:	11/02/20	11/02/20	11/02/20	11/04/20	
AA ID No:	0J27008-07	0J27008-08	0J27008-09	0J27008-10	
Client ID No:	DUP-6	TF-15	TF-16	GMW-18	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	1	1	1	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	450	160	170	120	100
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Surrogates

a,a,a-Trifluorotoluene	84%	90%	86%	82%	%REC Limits 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	10/26/20	10/26/20	10/26/20	
Date Prepared:	11/04/20	11/04/20	11/04/20	11/02/20	
Date Analyzed:	11/04/20	11/04/20	11/04/20	11/02/20	
AA ID No:	0J27008-11	0J27008-12	0J27008-13	0J27008-14	
Client ID No:	GW-14R	TF-23	GMW-45	GMW-47	
Matrix:	Water	Water	Water	Water	
Dilution Factor:	5	1	5	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	1400	550	2700	130	100
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Surrogates

a,a,a-Trifluorotoluene	89%	89%	84%	81%	%REC Limits 80-120
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Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/26/20	
Date Prepared:	11/02/20	
Date Analyzed:	11/02/20	
AA ID No:	0J27008-15	
Client ID No:	GMW-35R	
Matrix:	Water	
Dilution Factor:	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	730	100
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<u>Surrogates</u>		<u>%REC Limits</u>
a,a,a-Trifluorotoluene	97%	80-120

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B0K0413 - EPA 5030B</i>										
Blank (B0K0413-BLK1)										
Prepared & Analyzed: 11/04/20										
Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Blank (B0K0413-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Blank (B0K0413-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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>46.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>92.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.8</i>	<i>83-134</i>			
LCS (B0K0413-BS1)										
Prepared & Analyzed: 11/04/20										
Acetone	ND	10	ug/L	20.0			27-123			**
tert-Amyl-Methyl Ether (TAME)	16.8	2.0	ug/L	20.0		84.2	58-133			
Benzene	17.0	0.50	ug/L	20.0		85.2	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Bromochloromethane	20.6	0.50	ug/L	20.0		103	78-121			
Bromodichloromethane	17.3	0.50	ug/L	20.0		86.4	74-135			
Bromoform	18.9	0.50	ug/L	20.0		94.7	68-132			
Bromomethane	14.8	0.50	ug/L	20.0		73.9	58-142			
2-Butanone (MEK)	16.3	10	ug/L	20.0		81.4	62-138			
tert-Butyl Alcohol (TBA)	78.2	10	ug/L	100		78.2	65-148			
sec-Butylbenzene	19.4	0.50	ug/L	20.0		97.2	84-142			
tert-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
n-Butylbenzene	18.9	0.50	ug/L	20.0		94.7	70-130			
Carbon Disulfide	17.6	0.50	ug/L	20.0		88.1	17-177			
Carbon Tetrachloride	19.1	0.50	ug/L	20.0		95.7	66-155			
Chlorobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Chloroethane	14.0	0.50	ug/L	20.0		70.2	45-166			
Chloroform	18.0	0.50	ug/L	20.0		90.1	71-131			
Chloromethane	12.8	0.50	ug/L	20.0		63.8	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS (B0K0413-BS1) Continued										
Prepared & Analyzed: 11/04/20										
2-Chlorotoluene	19.4	0.50	ug/L	20.0		97.2	70-130			
4-Chlorotoluene	19.4	0.50	ug/L	20.0		97.1	70-130			
1,2-Dibromo-3-chloropropane	16.1	1.0	ug/L	20.0		80.6	53-145			
Dibromochloromethane	20.1	0.50	ug/L	20.0		100	72-133			
1,2-Dibromoethane (EDB)	20.3	0.50	ug/L	20.0		101	79-120			
Dibromomethane	19.0	0.50	ug/L	20.0		95.2	68-124			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
1,4-Dichlorobenzene	21.1	0.50	ug/L	20.0		106	70-130			
Dichlorodifluoromethane (R12)	9.67	0.50	ug/L	20.0		48.4	16-148			
1,1-Dichloroethane	17.3	0.50	ug/L	20.0		86.6	67-120			
1,2-Dichloroethane (EDC)	16.9	0.50	ug/L	20.0		84.4	57-156			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	50-149			
trans-1,2-Dichloroethylene	19.2	0.50	ug/L	20.0		95.9	66-126			
cis-1,2-Dichloroethylene	18.9	0.50	ug/L	20.0		94.4	70-124			
1,2-Dichloropropane	17.1	0.50	ug/L	20.0		85.4	53-139			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		107	44-162			
1,3-Dichloropropane	18.2	0.50	ug/L	20.0		90.8	79-113			
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.6	67-127			
trans-1,3-Dichloropropylene	18.5	0.50	ug/L	20.0		92.6	76-121			
1,1-Dichloropropylene	17.8	0.50	ug/L	20.0		89.2	84-124			
Diisopropyl ether (DIPE)	16.8	2.0	ug/L	20.0		84.2	51-136			
Ethylbenzene	18.6	0.50	ug/L	20.0		93.0	86-124			
Ethyl-tert-Butyl Ether (ETBE)	15.7	2.0	ug/L	20.0		78.7	62-136			
Gasoline Range Organics (GRO)	398	100	ug/L	500		79.5	60-123			
Hexachlorobutadiene	23.1	1.0	ug/L	20.0		116	76-140			
2-Hexanone (MBK)	15.3	10	ug/L	20.0		76.6	52-123			
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130			
4-Isopropyltoluene	20.9	1.0	ug/L	20.0		104	70-130			
Methyl-tert-Butyl Ether (MTBE)	35.9	1.2	ug/L	40.0		89.6	58-144			
Methylene Chloride	18.5	5.0	ug/L	20.0		92.6	50-135			
4-Methyl-2-pentanone (MIBK)	18.0	10	ug/L	20.0		90.2	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS (B0K0413-BS1) Continued										
Prepared & Analyzed: 11/04/20										
Naphthalene	23.6	2.0	ug/L	20.0		118	74-128			
n-Propylbenzene	18.0	0.50	ug/L	20.0		89.8	70-130			
Styrene	19.9	0.50	ug/L	20.0		99.6	84-123			
1,1,1,2-Tetrachloroethane	20.8	0.50	ug/L	20.0		104	70-130			
1,1,2,2-Tetrachloroethane	18.5	0.50	ug/L	20.0		92.6	58-126			
Tetrachloroethylene (PCE)	20.5	0.50	ug/L	20.0		102	70-130			
Toluene	18.8	0.50	ug/L	20.0		94.0	83-118			
1,2,3-Trichlorobenzene	23.1	0.50	ug/L	20.0		115	77-134			
1,2,4-Trichlorobenzene	23.3	0.50	ug/L	20.0		117	84-128			
1,1,1-Trichloroethane	18.4	0.50	ug/L	20.0		91.9	66-158			
1,1,2-Trichloroethane	18.6	0.50	ug/L	20.0		93.2	75-115			
Trichloroethylene (TCE)	17.9	0.50	ug/L	20.0		89.6	82-128			
Trichlorofluoromethane (R11)	18.0	0.50	ug/L	20.0		90.1	65-137			
1,2,3-Trichloropropane	18.3	0.50	ug/L	20.0		91.5	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.0	0.50	ug/L	20.0		94.8	62-130			
1,3,5-Trimethylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
Vinyl chloride	13.9	0.50	ug/L	20.0		69.6	51-151			
o-Xylene	19.6	0.50	ug/L	20.0		97.9	70-130			
m,p-Xylenes	39.1	1.0	ug/L	40.0		97.8	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	45.2		ug/L	50.0		90.3	80-129			
<i>Surrogate: Dibromofluoromethane</i>	44.4		ug/L	50.0		88.7	68-137			
<i>Surrogate: Toluene-d8</i>	45.8		ug/L	50.0		91.6	83-134			
LCS Dup (B0K0413-BSD1)										
Prepared & Analyzed: 11/04/20										
Acetone	ND	10	ug/L	20.0			27-123		30	**
tert-Amyl-Methyl Ether (TAME)	16.1	2.0	ug/L	20.0		80.5	58-133	4.55	30	
Benzene	16.3	0.50	ug/L	20.0		81.7	60-134	4.25	30	
Bromobenzene	20.5	0.50	ug/L	20.0		103	70-130	3.59	30	
Bromochloromethane	19.5	0.50	ug/L	20.0		97.5	78-121	5.49	30	
Bromodichloromethane	16.6	0.50	ug/L	20.0		82.8	74-135	4.20	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS Dup (B0K0413-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
Bromoform	16.7	0.50	ug/L	20.0		83.4	68-132	12.7	30	
Bromomethane	11.7	0.50	ug/L	20.0		58.4	58-142	23.3	30	
2-Butanone (MEK)	16.4	10	ug/L	20.0		81.8	62-138	0.490	30	
tert-Butyl Alcohol (TBA)	75.6	10	ug/L	100		75.6	65-148	3.41	30	
sec-Butylbenzene	18.6	0.50	ug/L	20.0		92.8	84-142	4.69	30	
tert-Butylbenzene	19.9	0.50	ug/L	20.0		99.3	70-130	3.56	30	
n-Butylbenzene	17.9	0.50	ug/L	20.0		89.4	70-130	5.76	30	
Carbon Disulfide	17.1	0.50	ug/L	20.0		85.3	17-177	3.23	30	
Carbon Tetrachloride	18.0	0.50	ug/L	20.0		89.8	66-155	6.42	30	
Chlorobenzene	17.9	0.50	ug/L	20.0		89.6	70-130	12.9	30	
Chloroethane	13.7	0.50	ug/L	20.0		68.6	45-166	2.16	30	
Chloroform	17.1	0.50	ug/L	20.0		85.7	71-131	5.01	30	
Chloromethane	11.8	0.50	ug/L	20.0		59.2	48-152	7.56	30	
2-Chlorotoluene	18.6	0.50	ug/L	20.0		93.2	70-130	4.26	30	
4-Chlorotoluene	18.7	0.50	ug/L	20.0		93.4	70-130	3.88	30	
1,2-Dibromo-3-chloropropane	14.6	1.0	ug/L	20.0		73.0	53-145	10.0	30	
Dibromochloromethane	17.3	0.50	ug/L	20.0		86.4	72-133	14.9	30	
1,2-Dibromoethane (EDB)	17.5	0.50	ug/L	20.0		87.4	79-120	14.8	30	
Dibromomethane	17.9	0.50	ug/L	20.0		89.3	68-124	6.40	30	
1,3-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.2	70-130	4.29	30	
1,2-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	5.06	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	4.11	30	
Dichlorodifluoromethane (R12)	9.59	0.50	ug/L	20.0		48.0	16-148	0.831	30	
1,1-Dichloroethane	16.3	0.50	ug/L	20.0		81.5	67-120	6.13	30	
1,2-Dichloroethane (EDC)	15.4	0.50	ug/L	20.0		77.0	57-156	9.05	30	
1,1-Dichloroethylene	18.1	0.50	ug/L	20.0		90.6	50-149	4.90	30	
trans-1,2-Dichloroethylene	18.1	0.50	ug/L	20.0		90.5	66-126	5.79	30	
cis-1,2-Dichloroethylene	18.4	0.50	ug/L	20.0		91.8	70-124	2.90	30	
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.9	53-139	2.91	30	
2,2-Dichloropropane	16.7	0.50	ug/L	20.0		83.5	44-162	25.0	30	
1,3-Dichloropropane	15.8	0.50	ug/L	20.0		79.2	79-113	13.8	30	
cis-1,3-Dichloropropylene	16.7	0.50	ug/L	20.0		83.6	67-127	5.75	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B

LCS Dup (B0K0413-BSD1) Continued

Prepared & Analyzed: 11/04/20

trans-1,3-Dichloropropylene	15.5	0.50	ug/L	20.0		77.4	76-121	17.8	30	
1,1-Dichloropropylene	17.0	0.50	ug/L	20.0		85.2	84-124	4.64	30	
Diisopropyl ether (DIPE)	16.0	2.0	ug/L	20.0		80.0	51-136	5.05	30	
Ethylbenzene	16.3	0.50	ug/L	20.0		81.4	86-124	13.2	30	QL-03
Ethyl-tert-Butyl Ether (ETBE)	15.0	2.0	ug/L	20.0		75.2	62-136	4.61	30	
Gasoline Range Organics (GRO)	426	100	ug/L	500		85.1	60-123	6.81	30	
Hexachlorobutadiene	22.1	1.0	ug/L	20.0		111	76-140	4.38	30	
2-Hexanone (MBK)	12.8	10	ug/L	20.0		64.0	52-123	17.9	30	
Isopropylbenzene	19.1	0.50	ug/L	20.0		95.4	70-130	3.04	30	
4-Isopropyltoluene	19.9	1.0	ug/L	20.0		99.4	70-130	4.81	30	
Methyl-tert-Butyl Ether (MTBE)	33.4	1.2	ug/L	40.0		83.4	58-144	7.19	30	
Methylene Chloride	20.0	5.0	ug/L	20.0		99.8	50-135	7.38	30	
4-Methyl-2-pentanone (MIBK)	17.2	10	ug/L	20.0		85.9	49-139	4.88	30	
Naphthalene	21.5	2.0	ug/L	20.0		108	74-128	9.30	30	
n-Propylbenzene	17.1	0.50	ug/L	20.0		85.4	70-130	5.02	30	
Styrene	17.4	0.50	ug/L	20.0		87.0	84-123	13.6	30	
1,1,1,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		91.8	70-130	12.3	30	
1,1,2,2-Tetrachloroethane	15.6	0.50	ug/L	20.0		77.8	58-126	17.5	30	
Tetrachloroethylene (PCE)	18.2	0.50	ug/L	20.0		90.8	70-130	12.1	30	
Toluene	16.4	0.50	ug/L	20.0		82.2	83-118	13.4	30	QL-03
1,2,3-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	77-134	4.98	30	
1,2,4-Trichlorobenzene	22.3	0.50	ug/L	20.0		112	84-128	4.25	30	
1,1,1-Trichloroethane	17.5	0.50	ug/L	20.0		87.5	66-158	4.91	30	
1,1,2-Trichloroethane	16.3	0.50	ug/L	20.0		81.4	75-115	13.5	30	
Trichloroethylene (TCE)	17.0	0.50	ug/L	20.0		85.2	82-128	4.98	30	
Trichlorofluoromethane (R11)	19.5	0.50	ug/L	20.0		97.3	65-137	7.68	30	
1,2,3-Trichloropropane	15.4	0.50	ug/L	20.0		77.0	68-123	17.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.2	0.50	ug/L	20.0		91.2	62-130	3.87	30	
1,3,5-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.7	70-130	4.10	30	
1,2,4-Trimethylbenzene	18.6	0.50	ug/L	20.0		93.0	70-130	3.74	30	
Vinyl chloride	15.0	0.50	ug/L	20.0		75.0	51-151	7.33	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS Dup (B0K0413-BSD1) Continued				Prepared & Analyzed: 11/04/20						
o-Xylene	17.0	0.50	ug/L	20.0		85.1	70-130	14.0	30	
m,p-Xylenes	34.3	1.0	ug/L	40.0		85.8	70-130	13.1	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>45.1</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.2</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>44.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>88.9</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>40.9</i>		<i>ug/L</i>	<i>50.0</i>		<i>81.8</i>	<i>83-134</i>			S-GC
Matrix Spike (B0K0413-MS1)				Source: OJ26007-01 Prepared & Analyzed: 11/04/20						
Acetone	10.7	10	ug/L	20.0		53.6	11-169			
tert-Amyl-Methyl Ether (TAME)	17.2	2.0	ug/L	20.0		86.2	66-133			
Benzene	16.5	0.50	ug/L	20.0		82.4	56-135			
Bromobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Bromochloromethane	20.6	0.50	ug/L	20.0		103	74-125			
Bromodichloromethane	16.8	0.50	ug/L	20.0		84.2	68-144			
Bromoform	17.5	0.50	ug/L	20.0		87.4	68-151			
Bromomethane	9.98	0.50	ug/L	20.0		49.9	54-142			QM-07
2-Butanone (MEK)	18.6	10	ug/L	20.0		92.8	62-145			
tert-Butyl Alcohol (TBA)	83.7	10	ug/L	100		83.7	73-162			
sec-Butylbenzene	18.9	0.50	ug/L	20.0		94.7	84-145			
tert-Butylbenzene	20.3	0.50	ug/L	20.0		102	70-130			
n-Butylbenzene	18.1	0.50	ug/L	20.0		90.4	70-130			
Carbon Disulfide	16.9	0.50	ug/L	20.0		84.6	28-151			
Carbon Tetrachloride	18.1	0.50	ug/L	20.0		90.5	58-164			
Chlorobenzene	18.1	0.50	ug/L	20.0		90.5	70-130			
Chloroethane	14.3	0.50	ug/L	20.0		71.6	42-164			
Chloroform	17.4	0.50	ug/L	20.0		87.2	65-138			
Chloromethane	10.8	0.50	ug/L	20.0		54.0	50-152			
2-Chlorotoluene	18.9	0.50	ug/L	20.0		94.7	70-130			
4-Chlorotoluene	18.8	0.50	ug/L	20.0		93.8	70-130			
1,2-Dibromo-3-chloropropane	16.6	1.0	ug/L	20.0		83.0	53-161			
Dibromochloromethane	18.3	0.50	ug/L	20.0		91.4	70-130			
1,2-Dibromoethane (EDB)	18.6	0.50	ug/L	20.0		93.2	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Matrix Spike (B0K0413-MS1) Continued Source: 0J26007-01 Prepared & Analyzed: 11/04/20										
1,3-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130			
1,4-Dichlorobenzene	20.7	0.50	ug/L	20.0		103	70-130			
Dichlorodifluoromethane (R12)	7.15	0.50	ug/L	20.0		35.8	17-153			
1,1-Dichloroethane	16.4	0.50	ug/L	20.0		82.2	55-131			
1,2-Dichloroethane (EDC)	16.0	0.50	ug/L	20.0		80.0	52-168			
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0		92.2	51-140			
trans-1,2-Dichloroethylene	18.2	0.50	ug/L	20.0		91.2	59-127			
cis-1,2-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	70-130			
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.8	52-142			
2,2-Dichloropropane	17.0	0.50	ug/L	20.0		84.8	36-168			
1,3-Dichloropropane	16.5	0.50	ug/L	20.0		82.6	80-121			
cis-1,3-Dichloropropylene	17.1	0.50	ug/L	20.0		85.7	66-130			
trans-1,3-Dichloropropylene	16.3	0.50	ug/L	20.0		81.4	78-130			
1,1-Dichloropropylene	17.1	0.50	ug/L	20.0		85.4	76-132			
Diisopropyl ether (DIPE)	16.5	2.0	ug/L	20.0		82.6	52-138			
Ethylbenzene	16.3	0.50	ug/L	20.0		81.4	86-128			QM-07
Ethyl-tert-Butyl Ether (ETBE)	15.8	2.0	ug/L	20.0		79.2	64-137			
Hexachlorobutadiene	22.7	1.0	ug/L	20.0		113	70-130			
2-Hexanone (MBK)	15.5	10	ug/L	20.0		77.4	52-141			
Isopropylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
4-Isopropyltoluene	20.0	1.0	ug/L	20.0		100	83-149			
Methyl-tert-Butyl Ether (MTBE)	36.8	1.2	ug/L	40.0		91.9	56-150			
Methylene Chloride	16.9	5.0	ug/L	20.0		84.7	70-130			
4-Methyl-2-pentanone (MIBK)	19.0	10	ug/L	20.0		95.1	60-148			
Naphthalene	23.2	2.0	ug/L	20.0		116	70-130			
n-Propylbenzene	17.3	0.50	ug/L	20.0		86.5	70-130			
Styrene	16.6	0.50	ug/L	20.0		82.8	65-141			
1,1,1,2-Tetrachloroethane	18.7	0.50	ug/L	20.0		93.3	70-130			
1,1,2,2-Tetrachloroethane	17.0	0.50	ug/L	20.0		84.8	62-134			
Tetrachloroethylene (PCE)	18.2	0.50	ug/L	20.0		91.2	70-130			
Toluene	16.7	0.50	ug/L	20.0		83.4	81-123			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B

Matrix Spike (B0K0413-MS1) Continued Source: 0J26007-01 Prepared & Analyzed: 11/04/20

1,2,3-Trichlorobenzene	22.6	0.50	ug/L	20.0		113	73-144			
1,2,4-Trichlorobenzene	22.6	0.50	ug/L	20.0		113	80-137			
1,1,1-Trichloroethane	17.6	0.50	ug/L	20.0		88.0	62-164			
1,1,2-Trichloroethane	17.1	0.50	ug/L	20.0		85.4	76-122			
Trichloroethylene (TCE)	17.3	0.50	ug/L	20.0		86.7	72-136			
Trichlorofluoromethane (R11)	17.8	0.50	ug/L	20.0		89.0	59-144			
1,2,3-Trichloropropane	16.8	0.50	ug/L	20.0		84.0	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.2	0.50	ug/L	20.0		91.1	62-126			
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0		97.2	70-130			
1,2,4-Trimethylbenzene	18.4	0.50	ug/L	20.0		92.0	89-134			
Vinyl chloride	12.6	0.50	ug/L	20.0		62.8	54-150			
o-Xylene	17.1	0.50	ug/L	20.0		85.5	70-130			
m,p-Xylenes	34.4	1.0	ug/L	40.0		85.9	70-130			
Surrogate: 4-Bromofluorobenzene	45.3		ug/L	50.0		90.5	80-129			
Surrogate: Dibromofluoromethane	44.4		ug/L	50.0		88.8	68-137			
Surrogate: Toluene-d8	40.6		ug/L	50.0		81.1	83-134			S-GC

Matrix Spike Dup (B0K0413-MSD1) Source: 0J26007-01 Prepared & Analyzed: 11/04/20

Acetone	13.0	10	ug/L	20.0		64.8	11-169	19.0	30	
tert-Amyl-Methyl Ether (TAME)	17.6	2.0	ug/L	20.0		87.9	66-133	2.01	30	
Benzene	16.4	0.50	ug/L	20.0		81.9	56-135	0.609	30	
Bromobenzene	20.5	0.50	ug/L	20.0		103	70-130	2.41	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	74-125	2.02	30	
Bromodichloromethane	17.0	0.50	ug/L	20.0		85.0	68-144	0.946	30	
Bromoform	19.9	0.50	ug/L	20.0		99.6	68-151	13.1	30	
Bromomethane	13.1	0.50	ug/L	20.0		65.4	54-142	27.0	30	
2-Butanone (MEK)	20.0	10	ug/L	20.0		100	62-145	7.62	30	
tert-Butyl Alcohol (TBA)	90.3	10	ug/L	100		90.3	73-162	7.60	30	
sec-Butylbenzene	17.9	0.50	ug/L	20.0		89.7	84-145	5.42	30	
tert-Butylbenzene	19.1	0.50	ug/L	20.0		95.6	70-130	6.14	30	
n-Butylbenzene	17.1	0.50	ug/L	20.0		85.4	70-130	5.75	30	

Viorel Vasile
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Matrix Spike Dup (B0K0413-MSD1) Source: 0J26007-01 Prepared & Analyzed: 11/04/20										
Continued										
Carbon Disulfide	16.3	0.50	ug/L	20.0		81.6	28-151	3.67	30	
Carbon Tetrachloride	17.8	0.50	ug/L	20.0		89.2	58-164	1.50	30	
Chlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	9.22	30	
Chloroethane	14.0	0.50	ug/L	20.0		70.1	42-164	2.05	30	
Chloroform	17.0	0.50	ug/L	20.0		85.0	65-138	2.61	30	
Chloromethane	11.0	0.50	ug/L	20.0		55.0	50-152	1.83	30	
2-Chlorotoluene	18.4	0.50	ug/L	20.0		92.0	70-130	2.95	30	
4-Chlorotoluene	18.3	0.50	ug/L	20.0		91.4	70-130	2.65	30	
1,2-Dibromo-3-chloropropane	17.6	1.0	ug/L	20.0		88.0	53-161	5.79	30	
Dibromochloromethane	20.5	0.50	ug/L	20.0		102	70-130	11.5	30	
1,2-Dibromoethane (EDB)	21.0	0.50	ug/L	20.0		105	76-130	12.0	30	
Dibromomethane	19.8	0.50	ug/L	20.0		98.8	62-135	3.24	30	
1,3-Dichlorobenzene	19.7	0.50	ug/L	20.0		98.4	70-130	2.71	30	
1,2-Dichlorobenzene	21.3	0.50	ug/L	20.0		106	70-130	1.17	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	2.45	30	
Dichlorodifluoromethane (R12)	6.92	0.50	ug/L	20.0		34.6	17-153	3.27	30	
1,1-Dichloroethane	16.1	0.50	ug/L	20.0		80.6	55-131	1.90	30	
1,2-Dichloroethane (EDC)	16.4	0.50	ug/L	20.0		81.8	52-168	2.35	30	
1,1-Dichloroethylene	17.8	0.50	ug/L	20.0		89.0	51-140	3.53	30	
trans-1,2-Dichloroethylene	18.0	0.50	ug/L	20.0		89.8	59-127	1.44	30	
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.4	70-130	1.95	30	
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.9	52-142	0.0603	30	
2,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.2	36-168	5.12	30	
1,3-Dichloropropane	18.4	0.50	ug/L	20.0		92.0	80-121	10.8	30	
cis-1,3-Dichloropropylene	17.1	0.50	ug/L	20.0		85.4	66-130	0.292	30	
trans-1,3-Dichloropropylene	18.0	0.50	ug/L	20.0		90.0	78-130	10.2	30	
1,1-Dichloropropylene	16.8	0.50	ug/L	20.0		84.2	76-132	1.42	30	
Diisopropyl ether (DIPE)	16.8	2.0	ug/L	20.0		83.8	52-138	1.50	30	
Ethylbenzene	17.5	0.50	ug/L	20.0		87.6	86-128	7.40	30	
Ethyl-tert-Butyl Ether (ETBE)	16.2	2.0	ug/L	20.0		80.8	64-137	2.06	30	
Hexachlorobutadiene	21.1	1.0	ug/L	20.0		106	70-130	7.17	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Matrix Spike Dup (B0K0413-MSD1) Source: 0J26007-01 Prepared & Analyzed: 11/04/20										
Continued										
2-Hexanone (MBK)	16.9	10	ug/L	20.0		84.4	52-141	8.71	30	
Isopropylbenzene	18.4	0.50	ug/L	20.0		91.8	70-130	5.09	30	
4-Isopropyltoluene	19.1	1.0	ug/L	20.0		95.5	83-149	4.60	30	
Methyl-tert-Butyl Ether (MTBE)	38.1	1.2	ug/L	40.0		95.4	56-150	3.68	30	
Methylene Chloride	17.4	5.0	ug/L	20.0		86.8	70-130	2.39	30	
4-Methyl-2-pentanone (MIBK)	20.7	10	ug/L	20.0		104	60-148	8.65	30	
Naphthalene	25.2	2.0	ug/L	20.0		126	70-130	8.20	30	
n-Propylbenzene	16.3	0.50	ug/L	20.0		81.7	70-130	5.71	30	
Styrene	19.0	0.50	ug/L	20.0		94.9	65-141	13.6	30	
1,1,1,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	70-130	10.1	30	
1,1,2,2-Tetrachloroethane	19.5	0.50	ug/L	20.0		97.7	62-134	14.1	30	
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		97.8	70-130	6.98	30	
Toluene	18.0	0.50	ug/L	20.0		90.0	81-123	7.56	30	
1,2,3-Trichlorobenzene	23.3	0.50	ug/L	20.0		117	73-144	3.14	30	
1,2,4-Trichlorobenzene	22.9	0.50	ug/L	20.0		114	80-137	0.923	30	
1,1,1-Trichloroethane	17.4	0.50	ug/L	20.0		87.0	62-164	1.26	30	
1,1,2-Trichloroethane	19.3	0.50	ug/L	20.0		96.6	76-122	12.2	30	
Trichloroethylene (TCE)	17.2	0.50	ug/L	20.0		86.0	72-136	0.753	30	
Trichlorofluoromethane (R11)	12.8	0.50	ug/L	20.0		63.9	59-144	32.9	30	
1,2,3-Trichloropropane	19.3	0.50	ug/L	20.0		96.6	69-135	14.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0		93.8	62-126	2.87	30	
1,3,5-Trimethylbenzene	18.7	0.50	ug/L	20.0		93.7	70-130	3.67	30	
1,2,4-Trimethylbenzene	18.0	0.50	ug/L	20.0		90.2	89-134	1.97	30	
Vinyl chloride	12.1	0.50	ug/L	20.0		60.7	54-150	3.48	30	
o-Xylene	18.6	0.50	ug/L	20.0		93.2	70-130	8.67	30	
m,p-Xylenes	37.3	1.0	ug/L	40.0		93.2	70-130	8.15	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>45.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.5</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.6</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Blank (B0K0413-BLK1)										
Prepared & Analyzed: 11/04/20										
Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Blank (B0K0413-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Blank (B0K0413-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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>46.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>92.5</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>49.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.5</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.8</i>	<i>83-134</i>			
LCS (B0K0413-BS1)										
Prepared & Analyzed: 11/04/20										
Acetone	ND	10	ug/L	20.0			27-123			**
tert-Amyl-Methyl Ether (TAME)	16.8	2.0	ug/L	20.0		84.2	58-133			
Benzene	17.0	0.50	ug/L	20.0		85.2	60-134			
Bromobenzene	21.3	0.50	ug/L	20.0		106	70-130			
Bromochloromethane	20.6	0.50	ug/L	20.0		103	78-121			
Bromodichloromethane	17.3	0.50	ug/L	20.0		86.4	74-135			
Bromoform	18.9	0.50	ug/L	20.0		94.7	68-132			
Bromomethane	14.8	0.50	ug/L	20.0		73.9	58-142			
2-Butanone (MEK)	16.3	10	ug/L	20.0		81.4	62-138			
tert-Butyl Alcohol (TBA)	78.2	10	ug/L	100		78.2	65-148			
sec-Butylbenzene	19.4	0.50	ug/L	20.0		97.2	84-142			
tert-Butylbenzene	20.6	0.50	ug/L	20.0		103	70-130			
n-Butylbenzene	18.9	0.50	ug/L	20.0		94.7	70-130			
Carbon Disulfide	17.6	0.50	ug/L	20.0		88.1	17-177			
Carbon Tetrachloride	19.1	0.50	ug/L	20.0		95.7	66-155			
Chlorobenzene	20.4	0.50	ug/L	20.0		102	70-130			
Chloroethane	14.0	0.50	ug/L	20.0		70.2	45-166			
Chloroform	18.0	0.50	ug/L	20.0		90.1	71-131			
Chloromethane	12.8	0.50	ug/L	20.0		63.8	48-152			
2-Chlorotoluene	19.4	0.50	ug/L	20.0		97.2	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS (B0K0413-BS1) Continued										
Prepared & Analyzed: 11/04/20										
4-Chlorotoluene	19.4	0.50	ug/L	20.0		97.1	70-130			
1,2-Dibromo-3-chloropropane	16.1	1.0	ug/L	20.0		80.6	53-145			
Dibromochloromethane	20.1	0.50	ug/L	20.0		100	72-133			
1,2-Dibromoethane (EDB)	20.3	0.50	ug/L	20.0		101	79-120			
Dibromomethane	19.0	0.50	ug/L	20.0		95.2	68-124			
1,3-Dichlorobenzene	20.5	0.50	ug/L	20.0		102	70-130			
1,2-Dichlorobenzene	22.1	0.50	ug/L	20.0		110	70-130			
1,4-Dichlorobenzene	21.1	0.50	ug/L	20.0		106	70-130			
Dichlorodifluoromethane (R12)	9.67	0.50	ug/L	20.0		48.4	16-148			
1,1-Dichloroethane	17.3	0.50	ug/L	20.0		86.6	67-120			
1,2-Dichloroethane (EDC)	16.9	0.50	ug/L	20.0		84.4	57-156			
1,1-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	50-149			
trans-1,2-Dichloroethylene	19.2	0.50	ug/L	20.0		95.9	66-126			
cis-1,2-Dichloroethylene	18.9	0.50	ug/L	20.0		94.4	70-124			
1,2-Dichloropropane	17.1	0.50	ug/L	20.0		85.4	53-139			
2,2-Dichloropropane	21.5	0.50	ug/L	20.0		107	44-162			
1,3-Dichloropropane	18.2	0.50	ug/L	20.0		90.8	79-113			
cis-1,3-Dichloropropylene	17.7	0.50	ug/L	20.0		88.6	67-127			
trans-1,3-Dichloropropylene	18.5	0.50	ug/L	20.0		92.6	76-121			
1,1-Dichloropropylene	17.8	0.50	ug/L	20.0		89.2	84-124			
Diisopropyl ether (DIPE)	16.8	2.0	ug/L	20.0		84.2	51-136			
Ethylbenzene	18.6	0.50	ug/L	20.0		93.0	86-124			
Ethyl-tert-Butyl Ether (ETBE)	15.7	2.0	ug/L	20.0		78.7	62-136			
Hexachlorobutadiene	23.1	1.0	ug/L	20.0		116	76-140			
2-Hexanone (MBK)	15.3	10	ug/L	20.0		76.6	52-123			
Isopropylbenzene	19.7	0.50	ug/L	20.0		98.4	70-130			
4-Isopropyltoluene	20.9	1.0	ug/L	20.0		104	70-130			
Methyl-tert-Butyl Ether (MTBE)	35.9	1.2	ug/L	40.0		89.6	58-144			
Methylene Chloride	18.5	5.0	ug/L	20.0		92.6	50-135			
4-Methyl-2-pentanone (MIBK)	18.0	10	ug/L	20.0		90.2	49-139			
Naphthalene	23.6	2.0	ug/L	20.0		118	74-128			
n-Propylbenzene	18.0	0.50	ug/L	20.0		89.8	70-130			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B

LCS (B0K0413-BS1) Continued

Prepared & Analyzed: 11/04/20

Styrene	19.9	0.50	ug/L	20.0		99.6	84-123			
1,1,1,2-Tetrachloroethane	20.8	0.50	ug/L	20.0		104	70-130			
1,1,2,2-Tetrachloroethane	18.5	0.50	ug/L	20.0		92.6	58-126			
Tetrachloroethylene (PCE)	20.5	0.50	ug/L	20.0		102	70-130			
Toluene	18.8	0.50	ug/L	20.0		94.0	83-118			
1,2,3-Trichlorobenzene	23.1	0.50	ug/L	20.0		115	77-134			
1,2,4-Trichlorobenzene	23.3	0.50	ug/L	20.0		117	84-128			
1,1,1-Trichloroethane	18.4	0.50	ug/L	20.0		91.9	66-158			
1,1,2-Trichloroethane	18.6	0.50	ug/L	20.0		93.2	75-115			
Trichloroethylene (TCE)	17.9	0.50	ug/L	20.0		89.6	82-128			
Trichlorofluoromethane (R11)	18.0	0.50	ug/L	20.0		90.1	65-137			
1,2,3-Trichloropropane	18.3	0.50	ug/L	20.0		91.5	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.0	0.50	ug/L	20.0		94.8	62-130			
1,3,5-Trimethylbenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2,4-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
Vinyl chloride	13.9	0.50	ug/L	20.0		69.6	51-151			
o-Xylene	19.6	0.50	ug/L	20.0		97.9	70-130			
m,p-Xylenes	39.1	1.0	ug/L	40.0		97.8	70-130			

Surrogate: 4-Bromofluorobenzene	45.2		ug/L	50.0		90.3	80-129			
Surrogate: Dibromofluoromethane	44.4		ug/L	50.0		88.7	68-137			
Surrogate: Toluene-d8	45.8		ug/L	50.0		91.6	83-134			

LCS Dup (B0K0413-BSD1)

Prepared & Analyzed: 11/04/20

Acetone	ND	10	ug/L	20.0			27-123		30	**
tert-Amyl-Methyl Ether (TAME)	16.1	2.0	ug/L	20.0		80.5	58-133	4.55	30	
Benzene	16.3	0.50	ug/L	20.0		81.7	60-134	4.25	30	
Bromobenzene	20.5	0.50	ug/L	20.0		103	70-130	3.59	30	
Bromochloromethane	19.5	0.50	ug/L	20.0		97.5	78-121	5.49	30	
Bromodichloromethane	16.6	0.50	ug/L	20.0		82.8	74-135	4.20	30	
Bromoform	16.7	0.50	ug/L	20.0		83.4	68-132	12.7	30	
Bromomethane	11.7	0.50	ug/L	20.0		58.4	58-142	23.3	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS Dup (B0K0413-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
2-Butanone (MEK)	16.4	10	ug/L	20.0		81.8	62-138	0.490	30	
tert-Butyl Alcohol (TBA)	75.6	10	ug/L	100		75.6	65-148	3.41	30	
sec-Butylbenzene	18.6	0.50	ug/L	20.0		92.8	84-142	4.69	30	
tert-Butylbenzene	19.9	0.50	ug/L	20.0		99.3	70-130	3.56	30	
n-Butylbenzene	17.9	0.50	ug/L	20.0		89.4	70-130	5.76	30	
Carbon Disulfide	17.1	0.50	ug/L	20.0		85.3	17-177	3.23	30	
Carbon Tetrachloride	18.0	0.50	ug/L	20.0		89.8	66-155	6.42	30	
Chlorobenzene	17.9	0.50	ug/L	20.0		89.6	70-130	12.9	30	
Chloroethane	13.7	0.50	ug/L	20.0		68.6	45-166	2.16	30	
Chloroform	17.1	0.50	ug/L	20.0		85.7	71-131	5.01	30	
Chloromethane	11.8	0.50	ug/L	20.0		59.2	48-152	7.56	30	
2-Chlorotoluene	18.6	0.50	ug/L	20.0		93.2	70-130	4.26	30	
4-Chlorotoluene	18.7	0.50	ug/L	20.0		93.4	70-130	3.88	30	
1,2-Dibromo-3-chloropropane	14.6	1.0	ug/L	20.0		73.0	53-145	10.0	30	
Dibromochloromethane	17.3	0.50	ug/L	20.0		86.4	72-133	14.9	30	
1,2-Dibromoethane (EDB)	17.5	0.50	ug/L	20.0		87.4	79-120	14.8	30	
Dibromomethane	17.9	0.50	ug/L	20.0		89.3	68-124	6.40	30	
1,3-Dichlorobenzene	19.6	0.50	ug/L	20.0		98.2	70-130	4.29	30	
1,2-Dichlorobenzene	21.0	0.50	ug/L	20.0		105	70-130	5.06	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	4.11	30	
Dichlorodifluoromethane (R12)	9.59	0.50	ug/L	20.0		48.0	16-148	0.831	30	
1,1-Dichloroethane	16.3	0.50	ug/L	20.0		81.5	67-120	6.13	30	
1,2-Dichloroethane (EDC)	15.4	0.50	ug/L	20.0		77.0	57-156	9.05	30	
1,1-Dichloroethylene	18.1	0.50	ug/L	20.0		90.6	50-149	4.90	30	
trans-1,2-Dichloroethylene	18.1	0.50	ug/L	20.0		90.5	66-126	5.79	30	
cis-1,2-Dichloroethylene	18.4	0.50	ug/L	20.0		91.8	70-124	2.90	30	
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.9	53-139	2.91	30	
2,2-Dichloropropane	16.7	0.50	ug/L	20.0		83.5	44-162	25.0	30	
1,3-Dichloropropane	15.8	0.50	ug/L	20.0		79.2	79-113	13.8	30	
cis-1,3-Dichloropropylene	16.7	0.50	ug/L	20.0		83.6	67-127	5.75	30	
trans-1,3-Dichloropropylene	15.5	0.50	ug/L	20.0		77.4	76-121	17.8	30	
1,1-Dichloropropylene	17.0	0.50	ug/L	20.0		85.2	84-124	4.64	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS Dup (B0K0413-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
Diisopropyl ether (DIPE)	16.0	2.0	ug/L	20.0		80.0	51-136	5.05	30	
Ethylbenzene	16.3	0.50	ug/L	20.0		81.4	86-124	13.2	30	QL-03
Ethyl-tert-Butyl Ether (ETBE)	15.0	2.0	ug/L	20.0		75.2	62-136	4.61	30	
Hexachlorobutadiene	22.1	1.0	ug/L	20.0		111	76-140	4.38	30	
2-Hexanone (MBK)	12.8	10	ug/L	20.0		64.0	52-123	17.9	30	
Isopropylbenzene	19.1	0.50	ug/L	20.0		95.4	70-130	3.04	30	
4-Isopropyltoluene	19.9	1.0	ug/L	20.0		99.4	70-130	4.81	30	
Methyl-tert-Butyl Ether (MTBE)	33.4	1.2	ug/L	40.0		83.4	58-144	7.19	30	
Methylene Chloride	20.0	5.0	ug/L	20.0		99.8	50-135	7.38	30	
4-Methyl-2-pentanone (MIBK)	17.2	10	ug/L	20.0		85.9	49-139	4.88	30	
Naphthalene	21.5	2.0	ug/L	20.0		108	74-128	9.30	30	
n-Propylbenzene	17.1	0.50	ug/L	20.0		85.4	70-130	5.02	30	
Styrene	17.4	0.50	ug/L	20.0		87.0	84-123	13.6	30	
1,1,1,2-Tetrachloroethane	18.4	0.50	ug/L	20.0		91.8	70-130	12.3	30	
1,1,2,2-Tetrachloroethane	15.6	0.50	ug/L	20.0		77.8	58-126	17.5	30	
Tetrachloroethylene (PCE)	18.2	0.50	ug/L	20.0		90.8	70-130	12.1	30	
Toluene	16.4	0.50	ug/L	20.0		82.2	83-118	13.4	30	QL-03
1,2,3-Trichlorobenzene	22.0	0.50	ug/L	20.0		110	77-134	4.98	30	
1,2,4-Trichlorobenzene	22.3	0.50	ug/L	20.0		112	84-128	4.25	30	
1,1,1-Trichloroethane	17.5	0.50	ug/L	20.0		87.5	66-158	4.91	30	
1,1,2-Trichloroethane	16.3	0.50	ug/L	20.0		81.4	75-115	13.5	30	
Trichloroethylene (TCE)	17.0	0.50	ug/L	20.0		85.2	82-128	4.98	30	
Trichlorofluoromethane (R11)	19.5	0.50	ug/L	20.0		97.3	65-137	7.68	30	
1,2,3-Trichloropropane	15.4	0.50	ug/L	20.0		77.0	68-123	17.1	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.2	0.50	ug/L	20.0		91.2	62-130	3.87	30	
1,3,5-Trimethylbenzene	19.3	0.50	ug/L	20.0		96.7	70-130	4.10	30	
1,2,4-Trimethylbenzene	18.6	0.50	ug/L	20.0		93.0	70-130	3.74	30	
Vinyl chloride	15.0	0.50	ug/L	20.0		75.0	51-151	7.33	30	
o-Xylene	17.0	0.50	ug/L	20.0		85.1	70-130	14.0	30	
m,p-Xylenes	34.3	1.0	ug/L	40.0		85.8	70-130	13.1	30	

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
LCS Dup (B0K0413-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
Surrogate: 4-Bromofluorobenzene	45.1		ug/L	50.0		90.2	80-129			
Surrogate: Dibromofluoromethane	44.4		ug/L	50.0		88.9	68-137			
Surrogate: Toluene-d8	40.9		ug/L	50.0		81.8	83-134			S-GC
Matrix Spike (B0K0413-MS1)										
Source: OJ26007-01 Prepared & Analyzed: 11/04/20										
Acetone	10.7	10	ug/L	20.0		53.6	11-169			
tert-Amyl-Methyl Ether (TAME)	17.2	2.0	ug/L	20.0		86.2	66-133			
Benzene	16.5	0.50	ug/L	20.0		82.4	56-135			
Bromobenzene	21.0	0.50	ug/L	20.0		105	70-130			
Bromochloromethane	20.6	0.50	ug/L	20.0		103	74-125			
Bromodichloromethane	16.8	0.50	ug/L	20.0		84.2	68-144			
Bromoform	17.5	0.50	ug/L	20.0		87.4	68-151			
Bromomethane	9.98	0.50	ug/L	20.0		49.9	54-142			QM-07
2-Butanone (MEK)	18.6	10	ug/L	20.0		92.8	62-145			
tert-Butyl Alcohol (TBA)	83.7	10	ug/L	100		83.7	73-162			
sec-Butylbenzene	18.9	0.50	ug/L	20.0		94.7	84-145			
tert-Butylbenzene	20.3	0.50	ug/L	20.0		102	70-130			
n-Butylbenzene	18.1	0.50	ug/L	20.0		90.4	70-130			
Carbon Disulfide	16.9	0.50	ug/L	20.0		84.6	28-151			
Carbon Tetrachloride	18.1	0.50	ug/L	20.0		90.5	58-164			
Chlorobenzene	18.1	0.50	ug/L	20.0		90.5	70-130			
Chloroethane	14.3	0.50	ug/L	20.0		71.6	42-164			
Chloroform	17.4	0.50	ug/L	20.0		87.2	65-138			
Chloromethane	10.8	0.50	ug/L	20.0		54.0	50-152			
2-Chlorotoluene	18.9	0.50	ug/L	20.0		94.7	70-130			
4-Chlorotoluene	18.8	0.50	ug/L	20.0		93.8	70-130			
1,2-Dibromo-3-chloropropane	16.6	1.0	ug/L	20.0		83.0	53-161			
Dibromochloromethane	18.3	0.50	ug/L	20.0		91.4	70-130			
1,2-Dibromoethane (EDB)	18.6	0.50	ug/L	20.0		93.2	76-130			
Dibromomethane	19.1	0.50	ug/L	20.0		95.6	62-135			
1,3-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130			
1,2-Dichlorobenzene	21.5	0.50	ug/L	20.0		108	70-130			
1,4-Dichlorobenzene	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Matrix Spike (B0K0413-MS1) Continued Source: 0J26007-01 Prepared & Analyzed: 11/04/20										
Dichlorodifluoromethane (R12)	7.15	0.50	ug/L	20.0		35.8	17-153			
1,1-Dichloroethane	16.4	0.50	ug/L	20.0		82.2	55-131			
1,2-Dichloroethane (EDC)	16.0	0.50	ug/L	20.0		80.0	52-168			
1,1-Dichloroethylene	18.4	0.50	ug/L	20.0		92.2	51-140			
trans-1,2-Dichloroethylene	18.2	0.50	ug/L	20.0		91.2	59-127			
cis-1,2-Dichloroethylene	18.6	0.50	ug/L	20.0		93.2	70-130			
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.8	52-142			
2,2-Dichloropropane	17.0	0.50	ug/L	20.0		84.8	36-168			
1,3-Dichloropropane	16.5	0.50	ug/L	20.0		82.6	80-121			
cis-1,3-Dichloropropylene	17.1	0.50	ug/L	20.0		85.7	66-130			
trans-1,3-Dichloropropylene	16.3	0.50	ug/L	20.0		81.4	78-130			
1,1-Dichloropropylene	17.1	0.50	ug/L	20.0		85.4	76-132			
Diisopropyl ether (DIPE)	16.5	2.0	ug/L	20.0		82.6	52-138			
Ethylbenzene	16.3	0.50	ug/L	20.0		81.4	86-128			QM-07
Ethyl-tert-Butyl Ether (ETBE)	15.8	2.0	ug/L	20.0		79.2	64-137			
Hexachlorobutadiene	22.7	1.0	ug/L	20.0		113	70-130			
2-Hexanone (MBK)	15.5	10	ug/L	20.0		77.4	52-141			
Isopropylbenzene	19.3	0.50	ug/L	20.0		96.6	70-130			
4-Isopropyltoluene	20.0	1.0	ug/L	20.0		100	83-149			
Methyl-tert-Butyl Ether (MTBE)	36.8	1.2	ug/L	40.0		91.9	56-150			
Methylene Chloride	16.9	5.0	ug/L	20.0		84.7	70-130			
4-Methyl-2-pentanone (MIBK)	19.0	10	ug/L	20.0		95.1	60-148			
Naphthalene	23.2	2.0	ug/L	20.0		116	70-130			
n-Propylbenzene	17.3	0.50	ug/L	20.0		86.5	70-130			
Styrene	16.6	0.50	ug/L	20.0		82.8	65-141			
1,1,1,2-Tetrachloroethane	18.7	0.50	ug/L	20.0		93.3	70-130			
1,1,2,2-Tetrachloroethane	17.0	0.50	ug/L	20.0		84.8	62-134			
Tetrachloroethylene (PCE)	18.2	0.50	ug/L	20.0		91.2	70-130			
Toluene	16.7	0.50	ug/L	20.0		83.4	81-123			
1,2,3-Trichlorobenzene	22.6	0.50	ug/L	20.0		113	73-144			
1,2,4-Trichlorobenzene	22.6	0.50	ug/L	20.0		113	80-137			
1,1,1-Trichloroethane	17.6	0.50	ug/L	20.0		88.0	62-164			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B

Matrix Spike (B0K0413-MS1) Continued Source: 0J26007-01 Prepared & Analyzed: 11/04/20

1,1,2-Trichloroethane	17.1	0.50	ug/L	20.0		85.4	76-122			
Trichloroethylene (TCE)	17.3	0.50	ug/L	20.0		86.7	72-136			
Trichlorofluoromethane (R11)	17.8	0.50	ug/L	20.0		89.0	59-144			
1,2,3-Trichloropropane	16.8	0.50	ug/L	20.0		84.0	69-135			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.2	0.50	ug/L	20.0		91.1	62-126			
1,3,5-Trimethylbenzene	19.4	0.50	ug/L	20.0		97.2	70-130			
1,2,4-Trimethylbenzene	18.4	0.50	ug/L	20.0		92.0	89-134			
Vinyl chloride	12.6	0.50	ug/L	20.0		62.8	54-150			
o-Xylene	17.1	0.50	ug/L	20.0		85.5	70-130			
m,p-Xylenes	34.4	1.0	ug/L	40.0		85.9	70-130			
Surrogate: 4-Bromofluorobenzene	45.3		ug/L	50.0		90.5	80-129			
Surrogate: Dibromofluoromethane	44.4		ug/L	50.0		88.8	68-137			
Surrogate: Toluene-d8	40.6		ug/L	50.0		81.1	83-134			S-GC

Matrix Spike Dup (B0K0413-MSD1) Source: 0J26007-01 Prepared & Analyzed: 11/04/20

Acetone	13.0	10	ug/L	20.0		64.8	11-169	19.0	30	
tert-Amyl-Methyl Ether (TAME)	17.6	2.0	ug/L	20.0		87.9	66-133	2.01	30	
Benzene	16.4	0.50	ug/L	20.0		81.9	56-135	0.609	30	
Bromobenzene	20.5	0.50	ug/L	20.0		103	70-130	2.41	30	
Bromochloromethane	21.0	0.50	ug/L	20.0		105	74-125	2.02	30	
Bromodichloromethane	17.0	0.50	ug/L	20.0		85.0	68-144	0.946	30	
Bromoform	19.9	0.50	ug/L	20.0		99.6	68-151	13.1	30	
Bromomethane	13.1	0.50	ug/L	20.0		65.4	54-142	27.0	30	
2-Butanone (MEK)	20.0	10	ug/L	20.0		100	62-145	7.62	30	
tert-Butyl Alcohol (TBA)	90.3	10	ug/L	100		90.3	73-162	7.60	30	
sec-Butylbenzene	17.9	0.50	ug/L	20.0		89.7	84-145	5.42	30	
tert-Butylbenzene	19.1	0.50	ug/L	20.0		95.6	70-130	6.14	30	
n-Butylbenzene	17.1	0.50	ug/L	20.0		85.4	70-130	5.75	30	
Carbon Disulfide	16.3	0.50	ug/L	20.0		81.6	28-151	3.67	30	
Carbon Tetrachloride	17.8	0.50	ug/L	20.0		89.2	58-164	1.50	30	
Chlorobenzene	19.8	0.50	ug/L	20.0		99.2	70-130	9.22	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Matrix Spike Dup (B0K0413-MSD1) Source: 0J26007-01 Prepared & Analyzed: 11/04/20										
Continued										
Chloroethane	14.0	0.50	ug/L	20.0		70.1	42-164	2.05	30	
Chloroform	17.0	0.50	ug/L	20.0		85.0	65-138	2.61	30	
Chloromethane	11.0	0.50	ug/L	20.0		55.0	50-152	1.83	30	
2-Chlorotoluene	18.4	0.50	ug/L	20.0		92.0	70-130	2.95	30	
4-Chlorotoluene	18.3	0.50	ug/L	20.0		91.4	70-130	2.65	30	
1,2-Dibromo-3-chloropropane	17.6	1.0	ug/L	20.0		88.0	53-161	5.79	30	
Dibromochloromethane	20.5	0.50	ug/L	20.0		102	70-130	11.5	30	
1,2-Dibromoethane (EDB)	21.0	0.50	ug/L	20.0		105	76-130	12.0	30	
Dibromomethane	19.8	0.50	ug/L	20.0		98.8	62-135	3.24	30	
1,3-Dichlorobenzene	19.7	0.50	ug/L	20.0		98.4	70-130	2.71	30	
1,2-Dichlorobenzene	21.3	0.50	ug/L	20.0		106	70-130	1.17	30	
1,4-Dichlorobenzene	20.2	0.50	ug/L	20.0		101	70-130	2.45	30	
Dichlorodifluoromethane (R12)	6.92	0.50	ug/L	20.0		34.6	17-153	3.27	30	
1,1-Dichloroethane	16.1	0.50	ug/L	20.0		80.6	55-131	1.90	30	
1,2-Dichloroethane (EDC)	16.4	0.50	ug/L	20.0		81.8	52-168	2.35	30	
1,1-Dichloroethylene	17.8	0.50	ug/L	20.0		89.0	51-140	3.53	30	
trans-1,2-Dichloroethylene	18.0	0.50	ug/L	20.0		89.8	59-127	1.44	30	
cis-1,2-Dichloroethylene	18.3	0.50	ug/L	20.0		91.4	70-130	1.95	30	
1,2-Dichloropropane	16.6	0.50	ug/L	20.0		82.9	52-142	0.0603	30	
2,2-Dichloropropane	17.8	0.50	ug/L	20.0		89.2	36-168	5.12	30	
1,3-Dichloropropane	18.4	0.50	ug/L	20.0		92.0	80-121	10.8	30	
cis-1,3-Dichloropropylene	17.1	0.50	ug/L	20.0		85.4	66-130	0.292	30	
trans-1,3-Dichloropropylene	18.0	0.50	ug/L	20.0		90.0	78-130	10.2	30	
1,1-Dichloropropylene	16.8	0.50	ug/L	20.0		84.2	76-132	1.42	30	
Diisopropyl ether (DIPE)	16.8	2.0	ug/L	20.0		83.8	52-138	1.50	30	
Ethylbenzene	17.5	0.50	ug/L	20.0		87.6	86-128	7.40	30	
Ethyl-tert-Butyl Ether (ETBE)	16.2	2.0	ug/L	20.0		80.8	64-137	2.06	30	
Hexachlorobutadiene	21.1	1.0	ug/L	20.0		106	70-130	7.17	30	
2-Hexanone (MBK)	16.9	10	ug/L	20.0		84.4	52-141	8.71	30	
Isopropylbenzene	18.4	0.50	ug/L	20.0		91.8	70-130	5.09	30	
4-Isopropyltoluene	19.1	1.0	ug/L	20.0		95.5	83-149	4.60	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0413 - EPA 5030B</i>										
Matrix Spike Dup (B0K0413-MSD1) Source: 0J26007-01 Prepared & Analyzed: 11/04/20										
Continued										
Methyl-tert-Butyl Ether (MTBE)	38.1	1.2	ug/L	40.0		95.4	56-150	3.68	30	
Methylene Chloride	17.4	5.0	ug/L	20.0		86.8	70-130	2.39	30	
4-Methyl-2-pentanone (MIBK)	20.7	10	ug/L	20.0		104	60-148	8.65	30	
Naphthalene	25.2	2.0	ug/L	20.0		126	70-130	8.20	30	
n-Propylbenzene	16.3	0.50	ug/L	20.0		81.7	70-130	5.71	30	
Styrene	19.0	0.50	ug/L	20.0		94.9	65-141	13.6	30	
1,1,1,2-Tetrachloroethane	20.6	0.50	ug/L	20.0		103	70-130	10.1	30	
1,1,2,2-Tetrachloroethane	19.5	0.50	ug/L	20.0		97.7	62-134	14.1	30	
Tetrachloroethylene (PCE)	19.6	0.50	ug/L	20.0		97.8	70-130	6.98	30	
Toluene	18.0	0.50	ug/L	20.0		90.0	81-123	7.56	30	
1,2,3-Trichlorobenzene	23.3	0.50	ug/L	20.0		117	73-144	3.14	30	
1,2,4-Trichlorobenzene	22.9	0.50	ug/L	20.0		114	80-137	0.923	30	
1,1,1-Trichloroethane	17.4	0.50	ug/L	20.0		87.0	62-164	1.26	30	
1,1,2-Trichloroethane	19.3	0.50	ug/L	20.0		96.6	76-122	12.2	30	
Trichloroethylene (TCE)	17.2	0.50	ug/L	20.0		86.0	72-136	0.753	30	
Trichlorofluoromethane (R11)	12.8	0.50	ug/L	20.0		63.9	59-144	32.9	30	
1,2,3-Trichloropropane	19.3	0.50	ug/L	20.0		96.6	69-135	14.0	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	18.8	0.50	ug/L	20.0		93.8	62-126	2.87	30	
1,3,5-Trimethylbenzene	18.7	0.50	ug/L	20.0		93.7	70-130	3.67	30	
1,2,4-Trimethylbenzene	18.0	0.50	ug/L	20.0		90.2	89-134	1.97	30	
Vinyl chloride	12.1	0.50	ug/L	20.0		60.7	54-150	3.48	30	
o-Xylene	18.6	0.50	ug/L	20.0		93.2	70-130	8.67	30	
m,p-Xylenes	37.3	1.0	ug/L	40.0		93.2	70-130	8.15	30	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>89.4</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>45.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>91.5</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>45.3</i>		<i>ug/L</i>	<i>50.0</i>		<i>90.6</i>	<i>83-134</i>			

Diesel Range Organics by GC/FID - Quality Control

Batch B0J3025 - EPA 3510C

Blank (B0J3025-BLK1)

Prepared: 10/30/20 Analyzed: 11/10/20

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0J3025 - EPA 3510C</i>										
Blank (B0J3025-BLK1) Continued Prepared: 10/30/20 Analyzed: 11/10/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0318		mg/L	0.0400		79.6	50-150			
LCS (B0J3025-BS1) Prepared: 10/30/20 Analyzed: 11/10/20										
Diesel Range Organics as Diesel	0.557	0.10	mg/L	0.800		69.6	36-132			
Surrogate: o-Terphenyl	0.0354		mg/L	0.0400		88.5	50-150			
LCS Dup (B0J3025-BSD1) Prepared: 10/30/20 Analyzed: 11/10/20										
Diesel Range Organics as Diesel	0.558	0.10	mg/L	0.800		69.8	36-132	0.253	30	
Surrogate: o-Terphenyl	0.0352		mg/L	0.0400		87.9	50-150			
<i>Batch B0K0229 - EPA 3510C</i>										
Blank (B0K0229-BLK1) Prepared: 11/02/20 Analyzed: 11/09/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0263		mg/L	0.0400		65.8	50-150			
LCS (B0K0229-BS1) Prepared: 11/02/20 Analyzed: 11/09/20										
Diesel Range Organics as Diesel	0.476	0.10	mg/L	0.800		59.6	36-132			
Surrogate: o-Terphenyl	0.0418		mg/L	0.0400		104	50-150			
LCS Dup (B0K0229-BSD1) Prepared: 11/02/20 Analyzed: 11/09/20										
Diesel Range Organics as Diesel	0.635	0.10	mg/L	0.800		79.4	36-132	28.6	30	
Surrogate: o-Terphenyl	0.0499		mg/L	0.0400		125	50-150			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0K0211 - *** DEFAULT PREP ***</i>										
Blank (B0K0211-BLK1) Prepared & Analyzed: 11/02/20										
Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	47.6		ug/L	50.0		95.2	80-120			
LCS (B0K0211-BS1) Prepared & Analyzed: 11/02/20										
Gasoline Range Organics (GRO)	498	100	ug/L	500		99.6	75-125		30	
Surrogate: a,a,a-Trifluorotoluene	56.7		ug/L	50.0		113	80-120			
LCS Dup (B0K0211-BSD1) Prepared & Analyzed: 11/02/20										

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

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 B0K0211 - *** DEFAULT PREP ***</i>										
LCS Dup (B0K0211-BSD1) Continued				Prepared & Analyzed: 11/02/20						
Gasoline Range Organics (GRO)	492	100	ug/L	500		98.4	75-125	1.16	30	
Surrogate: a,a,a-Trifluorotoluene	52.0		ug/L	50.0		104	80-120			
Matrix Spike (B0K0211-MS1)				Source: 0J27008-15 Prepared & Analyzed: 11/02/20						
Gasoline Range Organics (GRO)	1200	100	ug/L	500	730	94.8	70-130		30	
Surrogate: a,a,a-Trifluorotoluene	56.0		ug/L	50.0		112	80-120			
Matrix Spike Dup (B0K0211-MSD1)				Source: 0J27008-15 Prepared & Analyzed: 11/02/20						
Gasoline Range Organics (GRO)	1180	100	ug/L	500	730	90.2	70-130	1.94	30	
Surrogate: a,a,a-Trifluorotoluene	52.6		ug/L	50.0		105	80-120			
<i>Batch B0K0521 - *** DEFAULT PREP ***</i>										
LCS (B0K0521-BS1)				Prepared & Analyzed: 11/04/20						
Gasoline Range Organics (GRO)	461	100	ug/L	500		92.1	75-125		30	
Surrogate: a,a,a-Trifluorotoluene	49.4		ug/L	50.0		98.9	80-120			
LCS Dup (B0K0521-BSD1)				Prepared & Analyzed: 11/04/20						
Gasoline Range Organics (GRO)	441	100	ug/L	500		88.1	75-125	4.43	30	
Surrogate: a,a,a-Trifluorotoluene	45.6		ug/L	50.0		91.2	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333815
Date Received: 10/27/20
Date Reported: 11/24/20

Special Notes

- [1] = ** : Exceeds lower control limit.
- [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.
- [4] = **S-GC** : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

A handwritten signature in black ink, appearing to read 'VA'.

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.: 21430

20200106

Page 1 of 1

Client: APEX-S6Z **Project Name / No.:** DFSP Norwalk **Sampler's Name:** Dawn Webb
Project Manager: DAN SWENSSON **Site Address:** 15603 Norwalk Blvd. **Sampler's Signature:** [Signature]
Phone: 562-597-1055 **City:** Norwalk **P.O. No.:** _____
Fax: 562-597-1070 **State & Zip:** Ca 90651 **Quote No.:** _____

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)

ANALYSIS REQUESTED (Test Name)

8209	8210	8211	8212	8213	8214	8215	8216	8217	8218	8219	8220

Please enter the TAT Turnaround Codes ** below

8209
8210
8211
8212
8213
8214
8215
8216
8217
8218
8219
8220

Client I.D.	A.A. I.D.	Date	Time	Sample Matrix	No. of Cont	Special Instructions
QCTB-1	0527008	10-26-20	6:00	GW	2	
QCEB-1	0527008	10-26-20	7:10	GW	3	
P2-3	0527008	10-26-20	7:40	GW	6	
TF-8	0527008	10-26-20	8:15	GW	6	
GW-2	0527008	10-26-20	8:55	GW	6	
GMW-7	0527008	10-26-20	9:30	GW	6	
TWP-6	0527008	10-26-20	xxx x	GW	6	
TF-15	0527008	10-26-20	10:10	GW	6	
TF-16	0527008	10-26-20	11:20	GW	6	
GMW-18	0527008	10-26-20	10:45	GW	6	
GW-14R	0527008	10-26-20	11:55	GW	6	
TF-23	0527008	10-26-20	12:30	GW	6	
GMW-45	0527008	10-26-20	1:00	GW	6	
GMW-47	0527008	10-26-20	1:35	GW	6	
GMW-35R	0527008	10-26-20	2:10	GW	6	

For Laboratory Use	Relinquished by	Date	Time	Received by	Time
	[Signature]	10-27-20	1350	[Signature]	
	[Signature]	10-27-20	1510	[Signature]	
	[Signature]				



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
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November 24, 2020

Neil Irish

The Source Group, Inc. (SH)

1962 Freeman Ave.

Signal Hill, CA 90755

Re : DFSP Norwalk GW Sampling / 04-NDLA-013

A5333816 / 0J28007

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 10/28/20 15:40 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 grey circular stamp.

Viorel Vasile

Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
<u>8260B+OXY+TPHG</u>					
QCTB-1	0J28007-01	Water	5	10/28/20 06:00	10/28/20 15:40
QCEB-1	0J28007-02	Water	5	10/28/20 09:05	10/28/20 15:40
<u>8260B+OXYGENATES</u>					
TF-20R	0J28007-03	Water	5	10/28/20 09:35	10/28/20 15:40
<u>Diesel Range Organics 8015M</u>					
QCEB-1	0J28007-02	Water	5	10/28/20 09:05	10/28/20 15:40
TF-20R	0J28007-03	Water	5	10/28/20 09:35	10/28/20 15:40
<u>Gasoline Range Organics 8015M</u>					
TF-20R	0J28007-03	Water	5	10/28/20 09:35	10/28/20 15:40

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/28/20	10/28/20	
Date Prepared:	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	
AA ID No:	0J28007-01	0J28007-02	
Client ID No:	QCTB-1	QCEB-1	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	32	26	10
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)	23	15	10
tert-Butyl Alcohol (TBA)	54	29	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/28/20	10/28/20	
Date Prepared:	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	
AA ID No:	0J28007-01	0J28007-02	
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)	<10	<10	10
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	10
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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/28/20	10/28/20	
Date Prepared:	11/04/20	11/04/20	
Date Analyzed:	11/04/20	11/04/20	
AA ID No:	0J28007-01	0J28007-02	
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	118%	90%	80-129
Dibromofluoromethane	99%	93%	68-137
Toluene-d8	99%	82%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled: 10/28/20
Date Prepared: 11/04/20
Date Analyzed: 11/05/20
AA ID No: 0J28007-03
Client ID No: TF-20R
Matrix: Water
Dilution Factor: 1

MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	27	10
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0
Benzene	<0.50	0.50
Bromobenzene	<0.50	0.50
Bromochloromethane	<0.50	0.50
Bromodichloromethane	<0.50	0.50
Bromoform	<0.50	0.50
Bromomethane	<0.50	0.50
2-Butanone (MEK)	<10	10
tert-Butyl Alcohol (TBA)	48	10
sec-Butylbenzene	3.3	0.50
tert-Butylbenzene	0.81	0.50
n-Butylbenzene	<0.50	0.50
Carbon Disulfide	<0.50	0.50
Carbon Tetrachloride	<0.50	0.50
Chlorobenzene	<0.50	0.50
Chloroethane	<0.50	0.50
Chloroform	<0.50	0.50
Chloromethane	<0.50	0.50
2-Chlorotoluene	<0.50	0.50
4-Chlorotoluene	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	1.0
Dibromochloromethane	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	0.50
Dibromomethane	<0.50	0.50
1,3-Dichlorobenzene	<0.50	0.50
1,2-Dichlorobenzene	<0.50	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/28/20	
Date Prepared:	11/04/20	
Date Analyzed:	11/05/20	
AA ID No:	0J28007-03	
Client ID No:	TF-20R	
Matrix:	Water	
Dilution Factor:	1	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	0.50
1,1-Dichloroethane	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	0.50
1,1-Dichloroethylene	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	0.50
1,2-Dichloropropane	<0.50	0.50
2,2-Dichloropropane	<0.50	0.50
1,3-Dichloropropane	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	0.50
1,1-Dichloropropylene	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	2.0
Ethylbenzene	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0
Hexachlorobutadiene	<1.0	1.0
2-Hexanone (MBK)	<10	10
Isopropylbenzene	15	0.50
4-Isopropyltoluene	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2
Methylene Chloride	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	10
Naphthalene	2.2	2.0
n-Propylbenzene	1.5	0.50
Styrene	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled: 10/28/20
Date Prepared: 11/04/20
Date Analyzed: 11/05/20
AA ID No: 0J28007-03
Client ID No: TF-20R
Matrix: Water
Dilution Factor: 1 MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	0.50
Toluene	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	0.50
1,1,1-Trichloroethane	<0.50	0.50
1,1,2-Trichloroethane	<0.50	0.50
Trichloroethylene (TCE)	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	0.50
1,2,3-Trichloropropane	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	0.50
Vinyl chloride	<0.50	0.50
o-Xylene	<0.50	0.50
m,p-Xylenes	<1.0	1.0

Surrogates		<u>%REC Limits</u>
4-Bromofluorobenzene	108%	80-129
Dibromofluoromethane	93%	68-137
Toluene-d8	77%	83-134

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: mg/L

Date Sampled:	10/28/20	10/28/20	
Date Prepared:	11/02/20	11/02/20	
Date Analyzed:	11/09/20	11/09/20	
AA ID No:	0J28007-02	0J28007-03	
Client ID No:	QCEB-1	TF-20R	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	<0.10	0.43	0.10
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Surrogates

o-Terphenyl	108%	81%	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20
Units: ug/L

Date Sampled:	10/28/20	
Date Prepared:	10/30/20	
Date Analyzed:	10/30/20	
AA ID No:	0J28007-03	
Client ID No:	TF-20R	
Matrix:	Water	
Dilution Factor:	1	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	170	100
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Surrogates

		<u>%REC Limits</u>
a,a,a-Trifluorotoluene	98%	80-120

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limit	RPD	RPD Limit	Notes
VOCs, OXY & TPH Gasoline by GC/MS - Quality Control										
<i>Batch B0K0414 - EPA 5030B</i>										
Blank (B0K0414-BLK1)										
Prepared & Analyzed: 11/04/20										
Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
Blank (B0K0414-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
Blank (B0K0414-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.4</i>	<i>83-134</i>			
LCS (B0K0414-BS1)										
Prepared & Analyzed: 11/04/20										
Acetone	14.2	10	ug/L	20.0		71.1	27-123			
tert-Amyl-Methyl Ether (TAME)	16.6	2.0	ug/L	20.0		83.2	58-133			
Benzene	18.5	0.50	ug/L	20.0		92.6	60-134			
Bromobenzene	17.4	0.50	ug/L	20.0		86.9	70-130			
Bromochloromethane	18.6	0.50	ug/L	20.0		93.0	78-121			
Bromodichloromethane	18.2	0.50	ug/L	20.0		90.8	74-135			
Bromoform	16.2	0.50	ug/L	20.0		81.0	68-132			
Bromomethane	23.8	0.50	ug/L	20.0		119	58-142			
2-Butanone (MEK)	15.8	10	ug/L	20.0		79.1	62-138			
tert-Butyl Alcohol (TBA)	71.4	10	ug/L	100		71.4	65-148			
sec-Butylbenzene	18.5	0.50	ug/L	20.0		92.6	84-142			
tert-Butylbenzene	16.6	0.50	ug/L	20.0		83.2	70-130			
n-Butylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	16.6	0.50	ug/L	20.0		82.8	17-177			
Carbon Tetrachloride	17.8	0.50	ug/L	20.0		89.2	66-155			
Chlorobenzene	20.1	0.50	ug/L	20.0		101	70-130			
Chloroethane	18.3	0.50	ug/L	20.0		91.6	45-166			
Chloroform	19.3	0.50	ug/L	20.0		96.4	71-131			
Chloromethane	18.4	0.50	ug/L	20.0		91.8	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS (B0K0414-BS1) Continued										
Prepared & Analyzed: 11/04/20										
2-Chlorotoluene	16.0	0.50	ug/L	20.0		80.2	70-130			
4-Chlorotoluene	16.5	0.50	ug/L	20.0		82.5	70-130			
1,2-Dibromo-3-chloropropane	19.4	1.0	ug/L	20.0		97.2	53-145			
Dibromochloromethane	20.3	0.50	ug/L	20.0		101	72-133			
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120			
Dibromomethane	19.4	0.50	ug/L	20.0		97.0	68-124			
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130			
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Dichlorodifluoromethane (R12)	8.25	0.50	ug/L	20.0		41.2	16-148			
1,1-Dichloroethane	16.0	0.50	ug/L	20.0		80.1	67-120			
1,2-Dichloroethane (EDC)	17.8	0.50	ug/L	20.0		88.8	57-156			
1,1-Dichloroethylene	27.4	0.50	ug/L	20.0		137	50-149			
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	70-124			
1,2-Dichloropropane	19.6	0.50	ug/L	20.0		97.8	53-139			
2,2-Dichloropropane	19.1	0.50	ug/L	20.0		95.4	44-162			
1,3-Dichloropropane	20.8	0.50	ug/L	20.0		104	79-113			
cis-1,3-Dichloropropylene	15.5	0.50	ug/L	20.0		77.6	67-127			
trans-1,3-Dichloropropylene	17.2	0.50	ug/L	20.0		86.2	76-121			
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	84-124			
Diisopropyl ether (DIPE)	15.7	2.0	ug/L	20.0		78.6	51-136			
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-124			
Ethyl-tert-Butyl Ether (ETBE)	16.3	2.0	ug/L	20.0		81.7	62-136			
Gasoline Range Organics (GRO)	478	100	ug/L	500		95.6	60-123			
Hexachlorobutadiene	20.8	1.0	ug/L	20.0		104	76-140			
2-Hexanone (MBK)	18.8	10	ug/L	20.0		93.8	52-123			
Isopropylbenzene	16.9	0.50	ug/L	20.0		84.4	70-130			
4-Isopropyltoluene	18.5	1.0	ug/L	20.0		92.5	70-130			
Methyl-tert-Butyl Ether (MTBE)	30.3	1.2	ug/L	40.0		75.7	58-144			
Methylene Chloride	18.7	5.0	ug/L	20.0		93.4	50-135			
4-Methyl-2-pentanone (MIBK)	14.2	10	ug/L	20.0		70.8	49-139			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS (B0K0414-BS1) Continued										
Prepared & Analyzed: 11/04/20										
Naphthalene	21.0	2.0	ug/L	20.0		105	74-128			
n-Propylbenzene	18.2	0.50	ug/L	20.0		90.9	70-130			
Styrene	18.0	0.50	ug/L	20.0		89.8	84-123			
1,1,1,2-Tetrachloroethane	19.2	0.50	ug/L	20.0		96.2	70-130			
1,1,2,2-Tetrachloroethane	17.8	0.50	ug/L	20.0		89.0	58-126			
Tetrachloroethylene (PCE)	21.0	0.50	ug/L	20.0		105	70-130			
Toluene	18.5	0.50	ug/L	20.0		92.6	83-118			
1,2,3-Trichlorobenzene	20.6	0.50	ug/L	20.0		103	77-134			
1,2,4-Trichlorobenzene	20.8	0.50	ug/L	20.0		104	84-128			
1,1,1-Trichloroethane	19.7	0.50	ug/L	20.0		98.6	66-158			
1,1,2-Trichloroethane	19.6	0.50	ug/L	20.0		98.0	75-115			
Trichloroethylene (TCE)	17.5	0.50	ug/L	20.0		87.4	82-128			
Trichlorofluoromethane (R11)	18.3	0.50	ug/L	20.0		91.4	65-137			
1,2,3-Trichloropropane	15.6	0.50	ug/L	20.0		78.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0		98.2	62-130			
1,3,5-Trimethylbenzene	16.9	0.50	ug/L	20.0		84.5	70-130			
1,2,4-Trimethylbenzene	17.3	0.50	ug/L	20.0		86.4	70-130			
Vinyl chloride	19.7	0.50	ug/L	20.0		98.4	51-151			
o-Xylene	18.1	0.50	ug/L	20.0		90.6	70-130			
m,p-Xylenes	41.1	1.0	ug/L	40.0		103	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	41.4		ug/L	50.0		82.7	80-129			
<i>Surrogate: Dibromofluoromethane</i>	44.9		ug/L	50.0		89.8	68-137			
<i>Surrogate: Toluene-d8</i>	42.2		ug/L	50.0		84.5	83-134			
LCS Dup (B0K0414-BSD1)										
Prepared & Analyzed: 11/04/20										
Acetone	17.8	10	ug/L	20.0		89.0	27-123	22.3	30	
tert-Amyl-Methyl Ether (TAME)	20.3	2.0	ug/L	20.0		101	58-133	19.6	30	
Benzene	20.9	0.50	ug/L	20.0		104	60-134	12.0	30	
Bromobenzene	24.0	0.50	ug/L	20.0		120	70-130	32.2	30	QR-02
Bromochloromethane	22.6	0.50	ug/L	20.0		113	78-121	19.2	30	
Bromodichloromethane	24.2	0.50	ug/L	20.0		121	74-135	28.4	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS Dup (B0K0414-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
Bromoform	20.9	0.50	ug/L	20.0		105	68-132	25.5	30	
Bromomethane	17.4	0.50	ug/L	20.0		87.1	58-142	31.1	30	QR-02
2-Butanone (MEK)	17.1	10	ug/L	20.0		85.4	62-138	7.66	30	
tert-Butyl Alcohol (TBA)	125	10	ug/L	100		125	65-148	54.3	30	QR-02
sec-Butylbenzene	22.7	0.50	ug/L	20.0		113	84-142	20.1	30	
tert-Butylbenzene	21.3	0.50	ug/L	20.0		107	70-130	24.6	30	
n-Butylbenzene	20.3	0.50	ug/L	20.0		102	70-130	4.47	30	
Carbon Disulfide	22.4	0.50	ug/L	20.0		112	17-177	29.9	30	
Carbon Tetrachloride	26.6	0.50	ug/L	20.0		133	66-155	39.2	30	QR-02
Chlorobenzene	20.7	0.50	ug/L	20.0		103	70-130	2.79	30	
Chloroethane	20.2	0.50	ug/L	20.0		101	45-166	9.76	30	
Chloroform	23.9	0.50	ug/L	20.0		120	71-131	21.5	30	
Chloromethane	16.9	0.50	ug/L	20.0		84.6	48-152	8.22	30	
2-Chlorotoluene	26.4	0.50	ug/L	20.0		132	70-130	48.9	30	QL-03
4-Chlorotoluene	25.8	0.50	ug/L	20.0		129	70-130	44.2	30	QR-02
1,2-Dibromo-3-chloropropane	28.2	1.0	ug/L	20.0		141	53-145	36.6	30	QR-02
Dibromochloromethane	24.7	0.50	ug/L	20.0		123	72-133	19.5	30	
1,2-Dibromoethane (EDB)	25.7	0.50	ug/L	20.0		128	79-120	16.2	30	QL-03
Dibromomethane	24.8	0.50	ug/L	20.0		124	68-124	24.4	30	
1,3-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130	4.83	30	
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130	13.4	30	
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130	1.22	30	
Dichlorodifluoromethane (R12)	10.2	0.50	ug/L	20.0		51.2	16-148	21.4	30	
1,1-Dichloroethane	24.8	0.50	ug/L	20.0		124	67-120	43.2	30	QL-03
1,2-Dichloroethane (EDC)	28.4	0.50	ug/L	20.0		142	57-156	45.9	30	QR-02
1,1-Dichloroethylene	32.8	0.50	ug/L	20.0		164	50-149	18.2	30	QL-03
trans-1,2-Dichloroethylene	27.6	0.50	ug/L	20.0		138	66-126	31.3	30	QL-03
cis-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		106	70-124	10.4	30	
1,2-Dichloropropane	21.7	0.50	ug/L	20.0		109	53-139	10.4	30	
2,2-Dichloropropane	25.7	0.50	ug/L	20.0		129	44-162	29.8	30	
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113	1.29	30	
cis-1,3-Dichloropropylene	22.4	0.50	ug/L	20.0		112	67-127	36.2	30	QR-02

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS Dup (B0K0414-BSD1) Continued					Prepared & Analyzed: 11/04/20					
trans-1,3-Dichloropropylene	23.4	0.50	ug/L	20.0		117	76-121	30.3	30	QR-02
1,1-Dichloropropylene	25.5	0.50	ug/L	20.0		128	84-124	27.4	30	QL-03
Diisopropyl ether (DIPE)	23.1	2.0	ug/L	20.0		115	51-136	38.0	30	QR-02
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	4.93	30	
Ethyl-tert-Butyl Ether (ETBE)	22.8	2.0	ug/L	20.0		114	62-136	32.9	30	QR-02
Gasoline Range Organics (GRO)	574	100	ug/L	500		115	60-123	18.1	30	
Hexachlorobutadiene	24.2	1.0	ug/L	20.0		121	76-140	14.9	30	
2-Hexanone (MBK)	17.9	10	ug/L	20.0		89.4	52-123	4.69	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	24.5	30	
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	70-130	16.4	30	
Methyl-tert-Butyl Ether (MTBE)	52.1	1.2	ug/L	40.0		130	58-144	53.0	30	QR-02
Methylene Chloride	27.0	5.0	ug/L	20.0		135	50-135	36.7	30	QR-02
4-Methyl-2-pentanone (MIBK)	17.8	10	ug/L	20.0		89.0	49-139	22.7	30	
Naphthalene	25.7	2.0	ug/L	20.0		129	74-128	20.2	30	QL-03
n-Propylbenzene	26.5	0.50	ug/L	20.0		132	70-130	37.1	30	QL-03
Styrene	20.7	0.50	ug/L	20.0		104	84-123	14.4	30	
1,1,1,2-Tetrachloroethane	21.4	0.50	ug/L	20.0		107	70-130	10.8	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0		114	58-126	24.6	30	
Tetrachloroethylene (PCE)	22.4	0.50	ug/L	20.0		112	70-130	6.41	30	
Toluene	20.7	0.50	ug/L	20.0		103	83-118	11.0	30	
1,2,3-Trichlorobenzene	22.8	0.50	ug/L	20.0		114	77-134	10.2	30	
1,2,4-Trichlorobenzene	24.3	0.50	ug/L	20.0		122	84-128	15.7	30	
1,1,1-Trichloroethane	28.5	0.50	ug/L	20.0		143	66-158	36.5	30	QR-02
1,1,2-Trichloroethane	20.5	0.50	ug/L	20.0		103	75-115	4.63	30	
Trichloroethylene (TCE)	23.5	0.50	ug/L	20.0		117	82-128	29.2	30	
Trichlorofluoromethane (R11)	26.0	0.50	ug/L	20.0		130	65-137	35.0	30	QR-02
1,2,3-Trichloropropane	23.7	0.50	ug/L	20.0		118	68-123	41.1	30	QR-02
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	25.9	0.50	ug/L	20.0		129	62-130	27.5	30	
1,3,5-Trimethylbenzene	26.0	0.50	ug/L	20.0		130	70-130	42.3	30	QR-02
1,2,4-Trimethylbenzene	24.3	0.50	ug/L	20.0		121	70-130	33.7	30	QR-02
Vinyl chloride	16.8	0.50	ug/L	20.0		83.9	51-151	15.9	30	

Viorel Vasile
 Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B

LCS Dup (B0K0414-BSD1) Continued

Prepared & Analyzed: 11/04/20

o-Xylene	21.0	0.50	ug/L	20.0		105	70-130	15.0	30	
m,p-Xylenes	43.4	1.0	ug/L	40.0		108	70-130	5.33	30	
Surrogate: 4-Bromofluorobenzene	51.6		ug/L	50.0		103	80-129			
Surrogate: Dibromofluoromethane	54.8		ug/L	50.0		110	68-137			
Surrogate: Toluene-d8	47.2		ug/L	50.0		94.4	83-134			

VOCs & OXYGENATES by GC/MS - Quality Control

Batch B0K0414 - EPA 5030B

Blank (B0K0414-BLK1)

Prepared & Analyzed: 11/04/20

Acetone	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
Blank (B0K0414-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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							
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)	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
Blank (B0K0414-BLK1) Continued										
Prepared & Analyzed: 11/04/20										
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							
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>47.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>95.6</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>97.3</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>46.7</i>		<i>ug/L</i>	<i>50.0</i>		<i>93.4</i>	<i>83-134</i>			
LCS (B0K0414-BS1)										
Prepared & Analyzed: 11/04/20										
Acetone	14.2	10	ug/L	20.0		71.1	27-123			
tert-Amyl-Methyl Ether (TAME)	16.6	2.0	ug/L	20.0		83.2	58-133			
Benzene	18.5	0.50	ug/L	20.0		92.6	60-134			
Bromobenzene	17.4	0.50	ug/L	20.0		86.9	70-130			
Bromochloromethane	18.6	0.50	ug/L	20.0		93.0	78-121			
Bromodichloromethane	18.2	0.50	ug/L	20.0		90.8	74-135			
Bromoform	16.2	0.50	ug/L	20.0		81.0	68-132			
Bromomethane	23.8	0.50	ug/L	20.0		119	58-142			
2-Butanone (MEK)	15.8	10	ug/L	20.0		79.1	62-138			
tert-Butyl Alcohol (TBA)	71.4	10	ug/L	100		71.4	65-148			
sec-Butylbenzene	18.5	0.50	ug/L	20.0		92.6	84-142			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS (B0K0414-BS1) Continued										
Prepared & Analyzed: 11/04/20										
tert-Butylbenzene	16.6	0.50	ug/L	20.0		83.2	70-130			
n-Butylbenzene	21.3	0.50	ug/L	20.0		106	70-130			
Carbon Disulfide	16.6	0.50	ug/L	20.0		82.8	17-177			
Carbon Tetrachloride	17.8	0.50	ug/L	20.0		89.2	66-155			
Chlorobenzene	20.1	0.50	ug/L	20.0		101	70-130			
Chloroethane	18.3	0.50	ug/L	20.0		91.6	45-166			
Chloroform	19.3	0.50	ug/L	20.0		96.4	71-131			
Chloromethane	18.4	0.50	ug/L	20.0		91.8	48-152			
2-Chlorotoluene	16.0	0.50	ug/L	20.0		80.2	70-130			
4-Chlorotoluene	16.5	0.50	ug/L	20.0		82.5	70-130			
1,2-Dibromo-3-chloropropane	19.4	1.0	ug/L	20.0		97.2	53-145			
Dibromochloromethane	20.3	0.50	ug/L	20.0		101	72-133			
1,2-Dibromoethane (EDB)	21.8	0.50	ug/L	20.0		109	79-120			
Dibromomethane	19.4	0.50	ug/L	20.0		97.0	68-124			
1,3-Dichlorobenzene	19.8	0.50	ug/L	20.0		99.0	70-130			
1,2-Dichlorobenzene	20.3	0.50	ug/L	20.0		102	70-130			
1,4-Dichlorobenzene	20.3	0.50	ug/L	20.0		101	70-130			
Dichlorodifluoromethane (R12)	8.25	0.50	ug/L	20.0		41.2	16-148			
1,1-Dichloroethane	16.0	0.50	ug/L	20.0		80.1	67-120			
1,2-Dichloroethane (EDC)	17.8	0.50	ug/L	20.0		88.8	57-156			
1,1-Dichloroethylene	27.4	0.50	ug/L	20.0		137	50-149			
trans-1,2-Dichloroethylene	20.1	0.50	ug/L	20.0		100	66-126			
cis-1,2-Dichloroethylene	19.0	0.50	ug/L	20.0		95.2	70-124			
1,2-Dichloropropane	19.6	0.50	ug/L	20.0		97.8	53-139			
2,2-Dichloropropane	19.1	0.50	ug/L	20.0		95.4	44-162			
1,3-Dichloropropane	20.8	0.50	ug/L	20.0		104	79-113			
cis-1,3-Dichloropropylene	15.5	0.50	ug/L	20.0		77.6	67-127			
trans-1,3-Dichloropropylene	17.2	0.50	ug/L	20.0		86.2	76-121			
1,1-Dichloropropylene	19.4	0.50	ug/L	20.0		96.8	84-124			
Diisopropyl ether (DIPE)	15.7	2.0	ug/L	20.0		78.6	51-136			
Ethylbenzene	20.2	0.50	ug/L	20.0		101	86-124			
Ethyl-tert-Butyl Ether (ETBE)	16.3	2.0	ug/L	20.0		81.7	62-136			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS (B0K0414-BS1) Continued										
Prepared & Analyzed: 11/04/20										
Hexachlorobutadiene	20.8	1.0	ug/L	20.0		104	76-140			
2-Hexanone (MBK)	18.8	10	ug/L	20.0		93.8	52-123			
Isopropylbenzene	16.9	0.50	ug/L	20.0		84.4	70-130			
4-Isopropyltoluene	18.5	1.0	ug/L	20.0		92.5	70-130			
Methyl-tert-Butyl Ether (MTBE)	30.3	1.2	ug/L	40.0		75.7	58-144			
Methylene Chloride	18.7	5.0	ug/L	20.0		93.4	50-135			
4-Methyl-2-pentanone (MIBK)	14.2	10	ug/L	20.0		70.8	49-139			
Naphthalene	21.0	2.0	ug/L	20.0		105	74-128			
n-Propylbenzene	18.2	0.50	ug/L	20.0		90.9	70-130			
Styrene	18.0	0.50	ug/L	20.0		89.8	84-123			
1,1,1,2-Tetrachloroethane	19.2	0.50	ug/L	20.0		96.2	70-130			
1,1,2,2-Tetrachloroethane	17.8	0.50	ug/L	20.0		89.0	58-126			
Tetrachloroethylene (PCE)	21.0	0.50	ug/L	20.0		105	70-130			
Toluene	18.5	0.50	ug/L	20.0		92.6	83-118			
1,2,3-Trichlorobenzene	20.6	0.50	ug/L	20.0		103	77-134			
1,2,4-Trichlorobenzene	20.8	0.50	ug/L	20.0		104	84-128			
1,1,1-Trichloroethane	19.7	0.50	ug/L	20.0		98.6	66-158			
1,1,2-Trichloroethane	19.6	0.50	ug/L	20.0		98.0	75-115			
Trichloroethylene (TCE)	17.5	0.50	ug/L	20.0		87.4	82-128			
Trichlorofluoromethane (R11)	18.3	0.50	ug/L	20.0		91.4	65-137			
1,2,3-Trichloropropane	15.6	0.50	ug/L	20.0		78.0	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	19.6	0.50	ug/L	20.0		98.2	62-130			
1,3,5-Trimethylbenzene	16.9	0.50	ug/L	20.0		84.5	70-130			
1,2,4-Trimethylbenzene	17.3	0.50	ug/L	20.0		86.4	70-130			
Vinyl chloride	19.7	0.50	ug/L	20.0		98.4	51-151			
o-Xylene	18.1	0.50	ug/L	20.0		90.6	70-130			
m,p-Xylenes	41.1	1.0	ug/L	40.0		103	70-130			
Surrogate: 4-Bromofluorobenzene	41.4		ug/L	50.0		82.7	80-129			
Surrogate: Dibromofluoromethane	44.9		ug/L	50.0		89.8	68-137			
Surrogate: Toluene-d8	42.2		ug/L	50.0		84.5	83-134			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS Dup (B0K0414-BSD1)										
Prepared & Analyzed: 11/04/20										
Acetone	17.8	10	ug/L	20.0		89.0	27-123	22.3	30	
tert-Amyl-Methyl Ether (TAME)	20.3	2.0	ug/L	20.0		101	58-133	19.6	30	
Benzene	20.9	0.50	ug/L	20.0		104	60-134	12.0	30	
Bromobenzene	24.0	0.50	ug/L	20.0		120	70-130	32.2	30	QR-02
Bromochloromethane	22.6	0.50	ug/L	20.0		113	78-121	19.2	30	
Bromodichloromethane	24.2	0.50	ug/L	20.0		121	74-135	28.4	30	
Bromoform	20.9	0.50	ug/L	20.0		105	68-132	25.5	30	
Bromomethane	17.4	0.50	ug/L	20.0		87.1	58-142	31.1	30	QR-02
2-Butanone (MEK)	17.1	10	ug/L	20.0		85.4	62-138	7.66	30	
tert-Butyl Alcohol (TBA)	125	10	ug/L	100		125	65-148	54.3	30	QR-02
sec-Butylbenzene	22.7	0.50	ug/L	20.0		113	84-142	20.1	30	
tert-Butylbenzene	21.3	0.50	ug/L	20.0		107	70-130	24.6	30	
n-Butylbenzene	20.3	0.50	ug/L	20.0		102	70-130	4.47	30	
Carbon Disulfide	22.4	0.50	ug/L	20.0		112	17-177	29.9	30	
Carbon Tetrachloride	26.6	0.50	ug/L	20.0		133	66-155	39.2	30	QR-02
Chlorobenzene	20.7	0.50	ug/L	20.0		103	70-130	2.79	30	
Chloroethane	20.2	0.50	ug/L	20.0		101	45-166	9.76	30	
Chloroform	23.9	0.50	ug/L	20.0		120	71-131	21.5	30	
Chloromethane	16.9	0.50	ug/L	20.0		84.6	48-152	8.22	30	
2-Chlorotoluene	26.4	0.50	ug/L	20.0		132	70-130	48.9	30	QL-03
4-Chlorotoluene	25.8	0.50	ug/L	20.0		129	70-130	44.2	30	QR-02
1,2-Dibromo-3-chloropropane	28.2	1.0	ug/L	20.0		141	53-145	36.6	30	QR-02
Dibromochloromethane	24.7	0.50	ug/L	20.0		123	72-133	19.5	30	
1,2-Dibromoethane (EDB)	25.7	0.50	ug/L	20.0		128	79-120	16.2	30	QL-03
Dibromomethane	24.8	0.50	ug/L	20.0		124	68-124	24.4	30	
1,3-Dichlorobenzene	20.8	0.50	ug/L	20.0		104	70-130	4.83	30	
1,2-Dichlorobenzene	23.2	0.50	ug/L	20.0		116	70-130	13.4	30	
1,4-Dichlorobenzene	20.5	0.50	ug/L	20.0		103	70-130	1.22	30	
Dichlorodifluoromethane (R12)	10.2	0.50	ug/L	20.0		51.2	16-148	21.4	30	
1,1-Dichloroethane	24.8	0.50	ug/L	20.0		124	67-120	43.2	30	QL-03
1,2-Dichloroethane (EDC)	28.4	0.50	ug/L	20.0		142	57-156	45.9	30	QR-02
1,1-Dichloroethylene	32.8	0.50	ug/L	20.0		164	50-149	18.2	30	QL-03

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS Dup (B0K0414-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
trans-1,2-Dichloroethylene	27.6	0.50	ug/L	20.0		138	66-126	31.3	30	QL-03
cis-1,2-Dichloroethylene	21.1	0.50	ug/L	20.0		106	70-124	10.4	30	
1,2-Dichloropropane	21.7	0.50	ug/L	20.0		109	53-139	10.4	30	
2,2-Dichloropropane	25.7	0.50	ug/L	20.0		129	44-162	29.8	30	
1,3-Dichloropropane	21.0	0.50	ug/L	20.0		105	79-113	1.29	30	
cis-1,3-Dichloropropylene	22.4	0.50	ug/L	20.0		112	67-127	36.2	30	QR-02
trans-1,3-Dichloropropylene	23.4	0.50	ug/L	20.0		117	76-121	30.3	30	QR-02
1,1-Dichloropropylene	25.5	0.50	ug/L	20.0		128	84-124	27.4	30	QL-03
Diisopropyl ether (DIPE)	23.1	2.0	ug/L	20.0		115	51-136	38.0	30	QR-02
Ethylbenzene	21.2	0.50	ug/L	20.0		106	86-124	4.93	30	
Ethyl-tert-Butyl Ether (ETBE)	22.8	2.0	ug/L	20.0		114	62-136	32.9	30	QR-02
Hexachlorobutadiene	24.2	1.0	ug/L	20.0		121	76-140	14.9	30	
2-Hexanone (MBK)	17.9	10	ug/L	20.0		89.4	52-123	4.69	30	
Isopropylbenzene	21.6	0.50	ug/L	20.0		108	70-130	24.5	30	
4-Isopropyltoluene	21.8	1.0	ug/L	20.0		109	70-130	16.4	30	
Methyl-tert-Butyl Ether (MTBE)	52.1	1.2	ug/L	40.0		130	58-144	53.0	30	QR-02
Methylene Chloride	27.0	5.0	ug/L	20.0		135	50-135	36.7	30	QR-02
4-Methyl-2-pentanone (MIBK)	17.8	10	ug/L	20.0		89.0	49-139	22.7	30	
Naphthalene	25.7	2.0	ug/L	20.0		129	74-128	20.2	30	QL-03
n-Propylbenzene	26.5	0.50	ug/L	20.0		132	70-130	37.1	30	QL-03
Styrene	20.7	0.50	ug/L	20.0		104	84-123	14.4	30	
1,1,1,2-Tetrachloroethane	21.4	0.50	ug/L	20.0		107	70-130	10.8	30	
1,1,2,2-Tetrachloroethane	22.8	0.50	ug/L	20.0		114	58-126	24.6	30	
Tetrachloroethylene (PCE)	22.4	0.50	ug/L	20.0		112	70-130	6.41	30	
Toluene	20.7	0.50	ug/L	20.0		103	83-118	11.0	30	
1,2,3-Trichlorobenzene	22.8	0.50	ug/L	20.0		114	77-134	10.2	30	
1,2,4-Trichlorobenzene	24.3	0.50	ug/L	20.0		122	84-128	15.7	30	
1,1,1-Trichloroethane	28.5	0.50	ug/L	20.0		143	66-158	36.5	30	QR-02
1,1,2-Trichloroethane	20.5	0.50	ug/L	20.0		103	75-115	4.63	30	
Trichloroethylene (TCE)	23.5	0.50	ug/L	20.0		117	82-128	29.2	30	
Trichlorofluoromethane (R11)	26.0	0.50	ug/L	20.0		130	65-137	35.0	30	QR-02
1,2,3-Trichloropropane	23.7	0.50	ug/L	20.0		118	68-123	41.1	30	QR-02

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0K0414 - EPA 5030B</i>										
LCS Dup (B0K0414-BSD1) Continued										
Prepared & Analyzed: 11/04/20										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	25.9	0.50	ug/L	20.0		129	62-130	27.5	30	
1,3,5-Trimethylbenzene	26.0	0.50	ug/L	20.0		130	70-130	42.3	30	QR-02
1,2,4-Trimethylbenzene	24.3	0.50	ug/L	20.0		121	70-130	33.7	30	QR-02
Vinyl chloride	16.8	0.50	ug/L	20.0		83.9	51-151	15.9	30	
o-Xylene	21.0	0.50	ug/L	20.0		105	70-130	15.0	30	
m,p-Xylenes	43.4	1.0	ug/L	40.0		108	70-130	5.33	30	
Surrogate: 4-Bromofluorobenzene	51.6		ug/L	50.0		103	80-129			
Surrogate: Dibromofluoromethane	54.8		ug/L	50.0		110	68-137			
Surrogate: Toluene-d8	47.2		ug/L	50.0		94.4	83-134			
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B0K0229 - EPA 3510C</i>										
Blank (B0K0229-BLK1)										
Prepared: 11/02/20 Analyzed: 11/09/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0263		mg/L	0.0400		65.8	50-150			
LCS (B0K0229-BS1)										
Prepared: 11/02/20 Analyzed: 11/09/20										
Diesel Range Organics as Diesel	0.476	0.10	mg/L	0.800		59.6	36-132			
Surrogate: o-Terphenyl	0.0418		mg/L	0.0400		104	50-150			
LCS Dup (B0K0229-BSD1)										
Prepared: 11/02/20 Analyzed: 11/09/20										
Diesel Range Organics as Diesel	0.635	0.10	mg/L	0.800		79.4	36-132	28.6	30	
Surrogate: o-Terphenyl	0.0499		mg/L	0.0400		125	50-150			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0J3009 - *** DEFAULT PREP ***</i>										
Blank (B0J3009-BLK1)										
Prepared & Analyzed: 10/30/20										
Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	45.2		ug/L	50.0		90.3	80-120			
LCS (B0J3009-BS1)										
Prepared & Analyzed: 10/30/20										
Gasoline Range Organics (GRO)	474	100	ug/L	500		94.8	75-125		30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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 B0J3009 - *** DEFAULT PREP ***</i>										
LCS (B0J3009-BS1) Continued				Prepared & Analyzed: 10/30/20						
<i>Surrogate: a,a,a-Trifluorotoluene</i>	51.4		ug/L	50.0		103	80-120			
LCS Dup (B0J3009-BSD1)				Prepared & Analyzed: 10/30/20						
Gasoline Range Organics (GRO)	453	100	ug/L	500		90.7	75-125	4.43	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.0		ug/L	50.0		97.9	80-120			
Matrix Spike (B0J3009-MS1)				Source: OJ23004-03 Prepared & Analyzed: 10/30/20						
Gasoline Range Organics (GRO)	445	100	ug/L	500	22.6	84.6	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.4		ug/L	50.0		98.9	80-120			
Matrix Spike Dup (B0J3009-MSD1)				Source: OJ23004-03 Prepared & Analyzed: 10/30/20						
Gasoline Range Organics (GRO)	453	100	ug/L	500	22.6	86.2	70-130	1.79	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	47.1		ug/L	50.0		94.3	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333816
Date Received: 10/28/20
Date Reported: 11/24/20

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.
- [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 'VA'.

Viorel Vasile
Operations Manager



9765 Eton Avenue
Chatsworth
California 91311
Tel: (818) 998-5547
Fax: (818) 998-7258

December 04, 2020

Neil Irish

The Source Group, Inc. (SH)
1962 Freeman Ave.
Signal Hill, CA 90755

**Re : DFSP Norwalk GW Sampling / 04-NDLA-013
A5333853 / 0K23012**

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received on 11/23/20 14:34 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 grey circular stamp.

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

Sample ID	Laboratory ID	Matrix	TAT	Date Sampled	Date Received
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8260B+OXY+TPHG

QCTB-1	OK23012-01	Water	5	11/23/20 06:00	11/23/20 14:34
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8260B+OXYGENATES

TF-17R	OK23012-02	Water	5	11/23/20 07:30	11/23/20 14:34
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TF-18	OK23012-03	Water	5	11/23/20 08:00	11/23/20 14:34
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Diesel Range Organics 8015M

TF-17R	OK23012-02	Water	5	11/23/20 07:30	11/23/20 14:34
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TF-18	OK23012-03	Water	5	11/23/20 08:00	11/23/20 14:34
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Gasoline Range Organics 8015M

TF-17R	OK23012-02	Water	5	11/23/20 07:30	11/23/20 14:34
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TF-18	OK23012-03	Water	5	11/23/20 08:00	11/23/20 14:34
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Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled:	11/23/20	
Date Prepared:	12/03/20	
Date Analyzed:	12/03/20	
AA ID No:	OK23012-01	
Client ID No:	QCTB-1	
Matrix:	Water	
Dilution Factor:	1	MRL

8260B+OXY+TPHG (EPA 8260B)

Acetone	<10	10
tert-Amyl-Methyl Ether (TAME)	<2.0	2.0
Benzene	<0.50	0.50
Bromobenzene	<0.50	0.50
Bromochloromethane	<0.50	0.50
Bromodichloromethane	<0.50	0.50
Bromoform	<0.50	0.50
Bromomethane	<0.50	0.50
2-Butanone (MEK)	<10	10
tert-Butyl Alcohol (TBA)	<10	10
sec-Butylbenzene	<0.50	0.50
tert-Butylbenzene	<0.50	0.50
n-Butylbenzene	<0.50	0.50
Carbon Disulfide	<0.50	0.50
Carbon Tetrachloride	<0.50	0.50
Chlorobenzene	<0.50	0.50
Chloroethane	<0.50	0.50
Chloroform	<0.50	0.50
Chloromethane	<0.50	0.50
2-Chlorotoluene	<0.50	0.50
4-Chlorotoluene	<0.50	0.50
1,2-Dibromo-3-chloropropane	<1.0	1.0
Dibromochloromethane	<0.50	0.50
1,2-Dibromoethane (EDB)	<0.50	0.50
Dibromomethane	<0.50	0.50
1,3-Dichlorobenzene	<0.50	0.50
1,2-Dichlorobenzene	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled: 11/23/20
Date Prepared: 12/03/20
Date Analyzed: 12/03/20
AA ID No: OK23012-01
Client ID No: QCTB-1
Matrix: Water
Dilution Factor: 1

MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

1,4-Dichlorobenzene	<0.50	0.50
Dichlorodifluoromethane (R12)	<0.50	0.50
1,1-Dichloroethane	<0.50	0.50
1,2-Dichloroethane (EDC)	<0.50	0.50
1,1-Dichloroethylene	<0.50	0.50
trans-1,2-Dichloroethylene	<0.50	0.50
cis-1,2-Dichloroethylene	<0.50	0.50
1,2-Dichloropropane	<0.50	0.50
2,2-Dichloropropane	<0.50	0.50
1,3-Dichloropropane	<0.50	0.50
cis-1,3-Dichloropropylene	<0.50	0.50
trans-1,3-Dichloropropylene	<0.50	0.50
1,1-Dichloropropylene	<0.50	0.50
Diisopropyl ether (DIPE)	<2.0	2.0
Ethylbenzene	<0.50	0.50
Ethyl-tert-Butyl Ether (ETBE)	<2.0	2.0
Gasoline Range Organics (GRO)	<100	100
Hexachlorobutadiene	<1.0	1.0
2-Hexanone (MBK)	<10	10
Isopropylbenzene	<0.50	0.50
4-Isopropyltoluene	<1.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<1.2	1.2
Methylene Chloride	<5.0	5.0
4-Methyl-2-pentanone (MIBK)	<10	10
Naphthalene	<2.0	2.0
n-Propylbenzene	<0.50	0.50

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs, OXY & TPH Gasoline by GC/MS

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled:	11/23/20	
Date Prepared:	12/03/20	
Date Analyzed:	12/03/20	
AA ID No:	OK23012-01	
Client ID No:	QCTB-1	
Matrix:	Water	
Dilution Factor:	1	MRL

8260B+OXY+TPHG (EPA 8260B) (continued)

Styrene	<0.50	0.50
1,1,1,2-Tetrachloroethane	<0.50	0.50
1,1,2,2-Tetrachloroethane	<0.50	0.50
Tetrachloroethylene (PCE)	<0.50	0.50
Toluene	<0.50	0.50
1,2,3-Trichlorobenzene	<0.50	0.50
1,2,4-Trichlorobenzene	<0.50	0.50
1,1,1-Trichloroethane	<0.50	0.50
1,1,2-Trichloroethane	<0.50	0.50
Trichloroethylene (TCE)	<0.50	0.50
Trichlorofluoromethane (R11)	<0.50	0.50
1,2,3-Trichloropropane	<0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<0.50	0.50
1,3,5-Trimethylbenzene	<0.50	0.50
1,2,4-Trimethylbenzene	<0.50	0.50
Vinyl chloride	<0.50	0.50
o-Xylene	<0.50	0.50
m,p-Xylenes	<1.0	1.0

Surrogates		%REC Limits
4-Bromofluorobenzene	93%	80-129
Dibromofluoromethane	88%	68-137
Toluene-d8	83%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled:	11/23/20	11/23/20	
Date Prepared:	12/03/20	12/03/20	
Date Analyzed:	12/03/20	12/03/20	
AA ID No:	OK23012-02	OK23012-03	
Client ID No:	TF-17R	TF-18	
Matrix:	Water	Water	
Dilution Factor:	10	5	MRL

8260B+OXYGENATES (EPA 8260B)

Acetone	<100	70	10
tert-Amyl-Methyl Ether (TAME)	<20	<10	2.0
Benzene	46	18	0.50
Bromobenzene	<5.0	<2.5	0.50
Bromochloromethane	<5.0	<2.5	0.50
Bromodichloromethane	<5.0	<2.5	0.50
Bromoform	<5.0	<2.5	0.50
Bromomethane	<5.0	<2.5	0.50
2-Butanone (MEK)	<100	<50	10
tert-Butyl Alcohol (TBA)	<100	700	10
sec-Butylbenzene	10	<2.5	0.50
tert-Butylbenzene	<5.0	<2.5	0.50
n-Butylbenzene	9.1	3.6	0.50
Carbon Disulfide	<5.0	<2.5	0.50
Carbon Tetrachloride	<5.0	<2.5	0.50
Chlorobenzene	<5.0	<2.5	0.50
Chloroethane	<5.0	<2.5	0.50
Chloroform	<5.0	<2.5	0.50
Chloromethane	<5.0	<2.5	0.50
2-Chlorotoluene	<5.0	<2.5	0.50
4-Chlorotoluene	<5.0	<2.5	0.50
1,2-Dibromo-3-chloropropane	<10	<5.0	1.0
Dibromochloromethane	<5.0	<2.5	0.50
1,2-Dibromoethane (EDB)	<5.0	<2.5	0.50
Dibromomethane	<5.0	<2.5	0.50
1,3-Dichlorobenzene	<5.0	<2.5	0.50
1,2-Dichlorobenzene	<5.0	<2.5	0.50

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled:	11/23/20	11/23/20	
Date Prepared:	12/03/20	12/03/20	
Date Analyzed:	12/03/20	12/03/20	
AA ID No:	OK23012-02	OK23012-03	
Client ID No:	TF-17R	TF-18	
Matrix:	Water	Water	
Dilution Factor:	10	5	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,4-Dichlorobenzene	<5.0	<2.5	0.50
Dichlorodifluoromethane (R12)	<5.0	<2.5	0.50
1,1-Dichloroethane	<5.0	<2.5	0.50
1,2-Dichloroethane (EDC)	<5.0	<2.5	0.50
1,1-Dichloroethylene	<5.0	<2.5	0.50
trans-1,2-Dichloroethylene	<5.0	<2.5	0.50
cis-1,2-Dichloroethylene	<5.0	<2.5	0.50
1,2-Dichloropropane	<5.0	<2.5	0.50
2,2-Dichloropropane	<5.0	<2.5	0.50
1,3-Dichloropropane	<5.0	<2.5	0.50
cis-1,3-Dichloropropylene	<5.0	<2.5	0.50
trans-1,3-Dichloropropylene	<5.0	<2.5	0.50
1,1-Dichloropropylene	<5.0	<2.5	0.50
Diisopropyl ether (DIPE)	<20	<10	2.0
Ethylbenzene	190	4.3	0.50
Ethyl-tert-Butyl Ether (ETBE)	<20	<10	2.0
Hexachlorobutadiene	<10	<5.0	1.0
2-Hexanone (MBK)	<100	<50	10
Isopropylbenzene	58	5.8	0.50
4-Isopropyltoluene	12	<5.0	1.0
Methyl-tert-Butyl Ether (MTBE)	<12	<6.0	1.2
Methylene Chloride	<50	<25	5.0
4-Methyl-2-pentanone (MIBK)	<100	<50	10
Naphthalene	160	18	2.0
n-Propylbenzene	56	4.2	0.50
Styrene	<5.0	<2.5	0.50
1,1,1,2-Tetrachloroethane	<5.0	<2.5	0.50

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: VOCs & OXYGENATES by GC/MS

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled:	11/23/20	11/23/20	
Date Prepared:	12/03/20	12/03/20	
Date Analyzed:	12/03/20	12/03/20	
AA ID No:	OK23012-02	OK23012-03	
Client ID No:	TF-17R	TF-18	
Matrix:	Water	Water	
Dilution Factor:	10	5	MRL

8260B+OXYGENATES (EPA 8260B) (continued)

1,1,2,2-Tetrachloroethane	<5.0	<2.5	0.50
Tetrachloroethylene (PCE)	<5.0	<2.5	0.50
Toluene	<5.0	<2.5	0.50
1,2,3-Trichlorobenzene	<5.0	<2.5	0.50
1,2,4-Trichlorobenzene	<5.0	<2.5	0.50
1,1,1-Trichloroethane	<5.0	<2.5	0.50
1,1,2-Trichloroethane	<5.0	<2.5	0.50
Trichloroethylene (TCE)	<5.0	<2.5	0.50
Trichlorofluoromethane (R11)	<5.0	<2.5	0.50
1,2,3-Trichloropropane	<5.0	<2.5	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	<5.0	<2.5	0.50
1,3,5-Trimethylbenzene	100	20	0.50
1,2,4-Trimethylbenzene	210	6.8	0.50
Vinyl chloride	<5.0	<2.5	0.50
o-Xylene	<5.0	3.0	0.50
m,p-Xylenes	490	<5.0	1.0

Surrogates			%REC Limits
4-Bromofluorobenzene	92%	93%	80-129
Dibromofluoromethane	89%	86%	68-137
Toluene-d8	83% [6]	89%	83-134

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Diesel Range Organics by GC/FID

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: mg/L

Date Sampled:	11/23/20	11/23/20	
Date Prepared:	11/24/20	11/24/20	
Date Analyzed:	12/04/20	12/04/20	
AA ID No:	OK23012-02	OK23012-03	
Client ID No:	TF-17R	TF-18	
Matrix:	Water	Water	
Dilution Factor:	1	1	MRL

Diesel Range Organics 8015M (EPA 8015M)

Diesel Range Organics as Diesel	3.7	16 [1]	0.10
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Surrogates

o-Terphenyl	63%	43% [5]	<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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling
Method: Gasoline Range Organics by GC/FID

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20
Units: ug/L

Date Sampled:	11/23/20	11/23/20	
Date Prepared:	12/02/20	12/02/20	
Date Analyzed:	12/02/20	12/02/20	
AA ID No:	OK23012-02	OK23012-03	
Client ID No:	TF-17R	TF-18	
Matrix:	Water	Water	
Dilution Factor:	10	10	MRL

Gasoline Range Organics 8015M (EPA 8015M)

Gasoline Range Organics (GRO)	5700	3800	100
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Surrogates

			<u>%REC Limits</u>
a,a,a-Trifluorotoluene	98%	82%	80-120

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B

Blank (B0L0318-BLK1)

Prepared & Analyzed: 12/03/20

Acetone	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
Blank (B0L0318-BLK1) Continued										
Prepared & Analyzed: 12/03/20										
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)	<10	10	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)	<10	10	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: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
Blank (B0L0318-BLK1) Continued										
Prepared & Analyzed: 12/03/20										
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>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>59.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>118</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>55.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>111</i>	<i>83-134</i>			
LCS (B0L0318-BS1)										
Prepared & Analyzed: 12/03/20										
Acetone	17.2	10	ug/L	20.0		85.8	27-123			
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		100	58-133			
Benzene	20.9	0.50	ug/L	20.0		105	60-134			
Bromobenzene	25.0	0.50	ug/L	20.0		125	70-130			
Bromochloromethane	22.5	0.50	ug/L	20.0		113	78-121			
Bromodichloromethane	22.3	0.50	ug/L	20.0		112	74-135			
Bromoform	24.9	0.50	ug/L	20.0		124	68-132			
Bromomethane	18.6	0.50	ug/L	20.0		93.2	58-142			
2-Butanone (MEK)	20.1	10	ug/L	20.0		101	62-138			
tert-Butyl Alcohol (TBA)	87.4	10	ug/L	100		87.4	65-148			
sec-Butylbenzene	24.9	0.50	ug/L	20.0		124	84-142			
tert-Butylbenzene	25.4	0.50	ug/L	20.0		127	70-130			
n-Butylbenzene	24.8	0.50	ug/L	20.0		124	70-130			
Carbon Disulfide	22.2	0.50	ug/L	20.0		111	17-177			
Carbon Tetrachloride	23.7	0.50	ug/L	20.0		119	66-155			
Chlorobenzene	25.4	0.50	ug/L	20.0		127	70-130			
Chloroethane	18.0	0.50	ug/L	20.0		89.8	45-166			
Chloroform	21.4	0.50	ug/L	20.0		107	71-131			
Chloromethane	18.8	0.50	ug/L	20.0		93.8	48-152			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS (B0L0318-BS1) Continued										
Prepared & Analyzed: 12/03/20										
2-Chlorotoluene	24.1	0.50	ug/L	20.0		121	70-130			
4-Chlorotoluene	23.8	0.50	ug/L	20.0		119	70-130			
1,2-Dibromo-3-chloropropane	22.3	1.0	ug/L	20.0		112	53-145			
Dibromochloromethane	25.3	0.50	ug/L	20.0		126	72-133			
1,2-Dibromoethane (EDB)	23.9	0.50	ug/L	20.0		119	79-120			
Dibromomethane	22.0	0.50	ug/L	20.0		110	68-124			
1,3-Dichlorobenzene	24.2	0.50	ug/L	20.0		121	70-130			
1,2-Dichlorobenzene	25.4	0.50	ug/L	20.0		127	70-130			
1,4-Dichlorobenzene	24.7	0.50	ug/L	20.0		124	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.0	16-148			
1,1-Dichloroethane	20.8	0.50	ug/L	20.0		104	67-120			
1,2-Dichloroethane (EDC)	18.8	0.50	ug/L	20.0		94.2	57-156			
1,1-Dichloroethylene	22.5	0.50	ug/L	20.0		112	50-149			
trans-1,2-Dichloroethylene	23.0	0.50	ug/L	20.0		115	66-126			
cis-1,2-Dichloroethylene	22.9	0.50	ug/L	20.0		115	70-124			
1,2-Dichloropropane	21.4	0.50	ug/L	20.0		107	53-139			
2,2-Dichloropropane	18.9	0.50	ug/L	20.0		94.4	44-162			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		107	79-113			
cis-1,3-Dichloropropylene	22.2	0.50	ug/L	20.0		111	67-127			
trans-1,3-Dichloropropylene	23.0	0.50	ug/L	20.0		115	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		111	84-124			
Diisopropyl ether (DIPE)	19.6	2.0	ug/L	20.0		97.8	51-136			
Ethylbenzene	25.1	0.50	ug/L	20.0		126	86-124			QL-06
Ethyl-tert-Butyl Ether (ETBE)	19.4	2.0	ug/L	20.0		96.8	62-136			
Gasoline Range Organics (GRO)	513	100	ug/L	500		103	60-123			
Hexachlorobutadiene	27.2	1.0	ug/L	20.0		136	76-140			
2-Hexanone (MBK)	19.7	10	ug/L	20.0		98.4	52-123			
Isopropylbenzene	25.1	0.50	ug/L	20.0		126	70-130			
4-Isopropyltoluene	25.7	1.0	ug/L	20.0		129	70-130			
Methyl-tert-Butyl Ether (MTBE)	37.0	1.2	ug/L	40.0		92.4	58-144			
Methylene Chloride	21.6	5.0	ug/L	20.0		108	50-135			
4-Methyl-2-pentanone (MIBK)	22.8	10	ug/L	20.0		114	49-139			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS (B0L0318-BS1) Continued										
Prepared & Analyzed: 12/03/20										
Naphthalene	26.2	2.0	ug/L	20.0		131	74-128			QL-02
n-Propylbenzene	24.4	0.50	ug/L	20.0		122	70-130			
Styrene	25.8	0.50	ug/L	20.0		129	84-123			QL-06
1,1,1,2-Tetrachloroethane	26.5	0.50	ug/L	20.0		132	70-130			QL-02
1,1,2,2-Tetrachloroethane	23.4	0.50	ug/L	20.0		117	58-126			
Tetrachloroethylene (PCE)	25.0	0.50	ug/L	20.0		125	70-130			
Toluene	23.4	0.50	ug/L	20.0		117	83-118			
1,2,3-Trichlorobenzene	25.9	0.50	ug/L	20.0		130	77-134			
1,2,4-Trichlorobenzene	26.3	0.50	ug/L	20.0		132	84-128			QL-02
1,1,1-Trichloroethane	22.5	0.50	ug/L	20.0		113	66-158			
1,1,2-Trichloroethane	23.3	0.50	ug/L	20.0		117	75-115			QL-06
Trichloroethylene (TCE)	22.8	0.50	ug/L	20.0		114	82-128			
Trichlorofluoromethane (R11)	25.8	0.50	ug/L	20.0		129	65-137			
1,2,3-Trichloropropane	23.1	0.50	ug/L	20.0		116	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.0	0.50	ug/L	20.0		110	62-130			
1,3,5-Trimethylbenzene	24.6	0.50	ug/L	20.0		123	70-130			
1,2,4-Trimethylbenzene	24.5	0.50	ug/L	20.0		122	70-130			
Vinyl chloride	21.9	0.50	ug/L	20.0		109	51-151			
o-Xylene	25.0	0.50	ug/L	20.0		125	70-130			
m,p-Xylenes	50.3	1.0	ug/L	40.0		126	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>55.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>112</i>	<i>83-134</i>			
LCS Dup (B0L0318-BSD1)										
Prepared & Analyzed: 12/03/20										
Acetone	20.5	10	ug/L	20.0		102	27-123	17.5	30	
tert-Amyl-Methyl Ether (TAME)	20.2	2.0	ug/L	20.0		101	58-133	0.447	30	
Benzene	21.3	0.50	ug/L	20.0		106	60-134	1.61	30	
Bromobenzene	25.0	0.50	ug/L	20.0		125	70-130	0.200	30	
Bromochloromethane	22.5	0.50	ug/L	20.0		113	78-121	0.0444	30	
Bromodichloromethane	22.3	0.50	ug/L	20.0		111	74-135	0.224	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS Dup (B0L0318-BSD1) Continued										
Prepared & Analyzed: 12/03/20										
Bromoform	24.8	0.50	ug/L	20.0		124	68-132	0.242	30	
Bromomethane	16.2	0.50	ug/L	20.0		80.8	58-142	14.2	30	
2-Butanone (MEK)	20.6	10	ug/L	20.0		103	62-138	2.36	30	
tert-Butyl Alcohol (TBA)	90.1	10	ug/L	100		90.1	65-148	3.09	30	
sec-Butylbenzene	25.2	0.50	ug/L	20.0		126	84-142	1.24	30	
tert-Butylbenzene	25.5	0.50	ug/L	20.0		128	70-130	0.432	30	
n-Butylbenzene	25.2	0.50	ug/L	20.0		126	70-130	1.40	30	
Carbon Disulfide	22.8	0.50	ug/L	20.0		114	17-177	2.72	30	
Carbon Tetrachloride	24.4	0.50	ug/L	20.0		122	66-155	2.70	30	
Chlorobenzene	25.5	0.50	ug/L	20.0		127	70-130	0.433	30	
Chloroethane	19.4	0.50	ug/L	20.0		96.9	45-166	7.66	30	
Chloroform	21.4	0.50	ug/L	20.0		107	71-131	0.140	30	
Chloromethane	18.9	0.50	ug/L	20.0		94.3	48-152	0.532	30	
2-Chlorotoluene	24.3	0.50	ug/L	20.0		121	70-130	0.579	30	
4-Chlorotoluene	23.7	0.50	ug/L	20.0		118	70-130	0.548	30	
1,2-Dibromo-3-chloropropane	21.5	1.0	ug/L	20.0		108	53-145	3.60	30	
Dibromochloromethane	25.2	0.50	ug/L	20.0		126	72-133	0.277	30	
1,2-Dibromoethane (EDB)	24.3	0.50	ug/L	20.0		122	79-120	1.74	30	QL-03
Dibromomethane	22.9	0.50	ug/L	20.0		114	68-124	3.83	30	
1,3-Dichlorobenzene	24.1	0.50	ug/L	20.0		120	70-130	0.539	30	
1,2-Dichlorobenzene	24.9	0.50	ug/L	20.0		125	70-130	1.75	30	
1,4-Dichlorobenzene	24.5	0.50	ug/L	20.0		122	70-130	0.935	30	
Dichlorodifluoromethane (R12)	19.2	0.50	ug/L	20.0		96.1	16-148	1.15	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		108	67-120	3.64	30	
1,2-Dichloroethane (EDC)	19.3	0.50	ug/L	20.0		96.6	57-156	2.52	30	
1,1-Dichloroethylene	23.6	0.50	ug/L	20.0		118	50-149	4.69	30	
trans-1,2-Dichloroethylene	23.4	0.50	ug/L	20.0		117	66-126	1.81	30	
cis-1,2-Dichloroethylene	23.0	0.50	ug/L	20.0		115	70-124	0.305	30	
1,2-Dichloropropane	21.3	0.50	ug/L	20.0		107	53-139	0.327	30	
2,2-Dichloropropane	19.2	0.50	ug/L	20.0		96.0	44-162	1.63	30	
1,3-Dichloropropane	21.8	0.50	ug/L	20.0		109	79-113	1.57	30	
cis-1,3-Dichloropropylene	22.3	0.50	ug/L	20.0		111	67-127	0.270	30	

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS Dup (B0L0318-BSD1) Continued										
Prepared & Analyzed: 12/03/20										
trans-1,3-Dichloropropylene	23.3	0.50	ug/L	20.0		116	76-121	1.34	30	
1,1-Dichloropropylene	22.4	0.50	ug/L	20.0		112	84-124	1.08	30	
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.6	51-136	0.815	30	
Ethylbenzene	25.4	0.50	ug/L	20.0		127	86-124	0.990	30	QL-06
Ethyl-tert-Butyl Ether (ETBE)	19.4	2.0	ug/L	20.0		96.8	62-136	0.00	30	
Gasoline Range Organics (GRO)	382	100	ug/L	500		76.4	60-123	29.4	30	
Hexachlorobutadiene	26.3	1.0	ug/L	20.0		132	76-140	3.51	30	
2-Hexanone (MBK)	20.6	10	ug/L	20.0		103	52-123	4.62	30	
Isopropylbenzene	25.5	0.50	ug/L	20.0		128	70-130	1.66	30	
4-Isopropyltoluene	26.0	1.0	ug/L	20.0		130	70-130	0.890	30	
Methyl-tert-Butyl Ether (MTBE)	38.2	1.2	ug/L	40.0		95.5	58-144	3.25	30	
Methylene Chloride	22.1	5.0	ug/L	20.0		111	50-135	2.42	30	
4-Methyl-2-pentanone (MIBK)	22.2	10	ug/L	20.0		111	49-139	2.75	30	
Naphthalene	24.1	2.0	ug/L	20.0		120	74-128	8.51	30	
n-Propylbenzene	24.7	0.50	ug/L	20.0		124	70-130	1.18	30	
Styrene	25.7	0.50	ug/L	20.0		128	84-123	0.621	30	QL-06
1,1,1,2-Tetrachloroethane	25.7	0.50	ug/L	20.0		129	70-130	2.80	30	
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0		114	58-126	2.50	30	
Tetrachloroethylene (PCE)	25.7	0.50	ug/L	20.0		129	70-130	2.72	30	
Toluene	24.2	0.50	ug/L	20.0		121	83-118	3.66	30	QL-03
1,2,3-Trichlorobenzene	24.6	0.50	ug/L	20.0		123	77-134	5.23	30	
1,2,4-Trichlorobenzene	25.6	0.50	ug/L	20.0		128	84-128	2.85	30	
1,1,1-Trichloroethane	23.0	0.50	ug/L	20.0		115	66-158	1.89	30	
1,1,2-Trichloroethane	23.4	0.50	ug/L	20.0		117	75-115	0.342	30	QL-06
Trichloroethylene (TCE)	23.0	0.50	ug/L	20.0		115	82-128	1.18	30	
Trichlorofluoromethane (R11)	25.2	0.50	ug/L	20.0		126	65-137	2.43	30	
1,2,3-Trichloropropane	22.5	0.50	ug/L	20.0		112	68-123	2.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.3	0.50	ug/L	20.0		112	62-130	1.35	30	
1,3,5-Trimethylbenzene	24.8	0.50	ug/L	20.0		124	70-130	1.17	30	
1,2,4-Trimethylbenzene	24.7	0.50	ug/L	20.0		123	70-130	0.773	30	
Vinyl chloride	22.5	0.50	ug/L	20.0		112	51-151	2.80	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B

LCS Dup (B0L0318-BSD1) Continued

Prepared & Analyzed: 12/03/20

o-Xylene	24.9	0.50	ug/L	20.0	124	70-130	0.401	30	
m,p-Xylenes	50.6	1.0	ug/L	40.0	127	70-130	0.654	30	
Surrogate: 4-Bromofluorobenzene	53.5		ug/L	50.0	107	80-129			
Surrogate: Dibromofluoromethane	53.0		ug/L	50.0	106	68-137			
Surrogate: Toluene-d8	56.4		ug/L	50.0	113	83-134			

VOCs & OXYGENATES by GC/MS - Quality Control

Batch B0L0318 - EPA 5030B

Blank (B0L0318-BLK1)

Prepared & Analyzed: 12/03/20

Acetone	<10	10	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)	<10	10	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						

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
Blank (B0L0318-BLK1) Continued										
Prepared & Analyzed: 12/03/20										
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							
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)	<10	10	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)	<10	10	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							

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
Blank (B0L0318-BLK1) Continued										
Prepared & Analyzed: 12/03/20										
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							
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>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>59.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>118</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>55.4</i>		<i>ug/L</i>	<i>50.0</i>		<i>111</i>	<i>83-134</i>			
LCS (B0L0318-BS1)										
Prepared & Analyzed: 12/03/20										
Acetone	17.2	10	ug/L	20.0		85.8	27-123			
tert-Amyl-Methyl Ether (TAME)	20.1	2.0	ug/L	20.0		100	58-133			
Benzene	20.9	0.50	ug/L	20.0		105	60-134			
Bromobenzene	25.0	0.50	ug/L	20.0		125	70-130			
Bromochloromethane	22.5	0.50	ug/L	20.0		113	78-121			
Bromodichloromethane	22.3	0.50	ug/L	20.0		112	74-135			
Bromoform	24.9	0.50	ug/L	20.0		124	68-132			
Bromomethane	18.6	0.50	ug/L	20.0		93.2	58-142			
2-Butanone (MEK)	20.1	10	ug/L	20.0		101	62-138			
tert-Butyl Alcohol (TBA)	87.4	10	ug/L	100		87.4	65-148			
sec-Butylbenzene	24.9	0.50	ug/L	20.0		124	84-142			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS (B0L0318-BS1) Continued										
Prepared & Analyzed: 12/03/20										
tert-Butylbenzene	25.4	0.50	ug/L	20.0		127	70-130			
n-Butylbenzene	24.8	0.50	ug/L	20.0		124	70-130			
Carbon Disulfide	22.2	0.50	ug/L	20.0		111	17-177			
Carbon Tetrachloride	23.7	0.50	ug/L	20.0		119	66-155			
Chlorobenzene	25.4	0.50	ug/L	20.0		127	70-130			
Chloroethane	18.0	0.50	ug/L	20.0		89.8	45-166			
Chloroform	21.4	0.50	ug/L	20.0		107	71-131			
Chloromethane	18.8	0.50	ug/L	20.0		93.8	48-152			
2-Chlorotoluene	24.1	0.50	ug/L	20.0		121	70-130			
4-Chlorotoluene	23.8	0.50	ug/L	20.0		119	70-130			
1,2-Dibromo-3-chloropropane	22.3	1.0	ug/L	20.0		112	53-145			
Dibromochloromethane	25.3	0.50	ug/L	20.0		126	72-133			
1,2-Dibromoethane (EDB)	23.9	0.50	ug/L	20.0		119	79-120			
Dibromomethane	22.0	0.50	ug/L	20.0		110	68-124			
1,3-Dichlorobenzene	24.2	0.50	ug/L	20.0		121	70-130			
1,2-Dichlorobenzene	25.4	0.50	ug/L	20.0		127	70-130			
1,4-Dichlorobenzene	24.7	0.50	ug/L	20.0		124	70-130			
Dichlorodifluoromethane (R12)	19.0	0.50	ug/L	20.0		95.0	16-148			
1,1-Dichloroethane	20.8	0.50	ug/L	20.0		104	67-120			
1,2-Dichloroethane (EDC)	18.8	0.50	ug/L	20.0		94.2	57-156			
1,1-Dichloroethylene	22.5	0.50	ug/L	20.0		112	50-149			
trans-1,2-Dichloroethylene	23.0	0.50	ug/L	20.0		115	66-126			
cis-1,2-Dichloroethylene	22.9	0.50	ug/L	20.0		115	70-124			
1,2-Dichloropropane	21.4	0.50	ug/L	20.0		107	53-139			
2,2-Dichloropropane	18.9	0.50	ug/L	20.0		94.4	44-162			
1,3-Dichloropropane	21.5	0.50	ug/L	20.0		107	79-113			
cis-1,3-Dichloropropylene	22.2	0.50	ug/L	20.0		111	67-127			
trans-1,3-Dichloropropylene	23.0	0.50	ug/L	20.0		115	76-121			
1,1-Dichloropropylene	22.1	0.50	ug/L	20.0		111	84-124			
Diisopropyl ether (DIPE)	19.6	2.0	ug/L	20.0		97.8	51-136			
Ethylbenzene	25.1	0.50	ug/L	20.0		126	86-124			QL-06
Ethyl-tert-Butyl Ether (ETBE)	19.4	2.0	ug/L	20.0		96.8	62-136			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS (B0L0318-BS1) Continued										
Prepared & Analyzed: 12/03/20										
Hexachlorobutadiene	27.2	1.0	ug/L	20.0		136	76-140			
2-Hexanone (MBK)	19.7	10	ug/L	20.0		98.4	52-123			
Isopropylbenzene	25.1	0.50	ug/L	20.0		126	70-130			
4-Isopropyltoluene	25.7	1.0	ug/L	20.0		129	70-130			
Methyl-tert-Butyl Ether (MTBE)	37.0	1.2	ug/L	40.0		92.4	58-144			
Methylene Chloride	21.6	5.0	ug/L	20.0		108	50-135			
4-Methyl-2-pentanone (MIBK)	22.8	10	ug/L	20.0		114	49-139			
Naphthalene	26.2	2.0	ug/L	20.0		131	74-128			QL-02
n-Propylbenzene	24.4	0.50	ug/L	20.0		122	70-130			
Styrene	25.8	0.50	ug/L	20.0		129	84-123			QL-06
1,1,1,2-Tetrachloroethane	26.5	0.50	ug/L	20.0		132	70-130			QL-02
1,1,2,2-Tetrachloroethane	23.4	0.50	ug/L	20.0		117	58-126			
Tetrachloroethylene (PCE)	25.0	0.50	ug/L	20.0		125	70-130			
Toluene	23.4	0.50	ug/L	20.0		117	83-118			
1,2,3-Trichlorobenzene	25.9	0.50	ug/L	20.0		130	77-134			
1,2,4-Trichlorobenzene	26.3	0.50	ug/L	20.0		132	84-128			QL-02
1,1,1-Trichloroethane	22.5	0.50	ug/L	20.0		113	66-158			
1,1,2-Trichloroethane	23.3	0.50	ug/L	20.0		117	75-115			QL-06
Trichloroethylene (TCE)	22.8	0.50	ug/L	20.0		114	82-128			
Trichlorofluoromethane (R11)	25.8	0.50	ug/L	20.0		129	65-137			
1,2,3-Trichloropropane	23.1	0.50	ug/L	20.0		116	68-123			
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.0	0.50	ug/L	20.0		110	62-130			
1,3,5-Trimethylbenzene	24.6	0.50	ug/L	20.0		123	70-130			
1,2,4-Trimethylbenzene	24.5	0.50	ug/L	20.0		122	70-130			
Vinyl chloride	21.9	0.50	ug/L	20.0		109	51-151			
o-Xylene	25.0	0.50	ug/L	20.0		125	70-130			
m,p-Xylenes	50.3	1.0	ug/L	40.0		126	70-130			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>53.0</i>		<i>ug/L</i>	<i>50.0</i>		<i>106</i>	<i>80-129</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>53.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>107</i>	<i>68-137</i>			
<i>Surrogate: Toluene-d8</i>	<i>55.8</i>		<i>ug/L</i>	<i>50.0</i>		<i>112</i>	<i>83-134</i>			

Viorel Vasile
Operations Manager

**LABORATORY ANALYSIS RESULTS**

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS Dup (B0L0318-BSD1)										
Prepared & Analyzed: 12/03/20										
Acetone	20.5	10	ug/L	20.0		102	27-123	17.5	30	
tert-Amyl-Methyl Ether (TAME)	20.2	2.0	ug/L	20.0		101	58-133	0.447	30	
Benzene	21.3	0.50	ug/L	20.0		106	60-134	1.61	30	
Bromobenzene	25.0	0.50	ug/L	20.0		125	70-130	0.200	30	
Bromochloromethane	22.5	0.50	ug/L	20.0		113	78-121	0.0444	30	
Bromodichloromethane	22.3	0.50	ug/L	20.0		111	74-135	0.224	30	
Bromoform	24.8	0.50	ug/L	20.0		124	68-132	0.242	30	
Bromomethane	16.2	0.50	ug/L	20.0		80.8	58-142	14.2	30	
2-Butanone (MEK)	20.6	10	ug/L	20.0		103	62-138	2.36	30	
tert-Butyl Alcohol (TBA)	90.1	10	ug/L	100		90.1	65-148	3.09	30	
sec-Butylbenzene	25.2	0.50	ug/L	20.0		126	84-142	1.24	30	
tert-Butylbenzene	25.5	0.50	ug/L	20.0		128	70-130	0.432	30	
n-Butylbenzene	25.2	0.50	ug/L	20.0		126	70-130	1.40	30	
Carbon Disulfide	22.8	0.50	ug/L	20.0		114	17-177	2.72	30	
Carbon Tetrachloride	24.4	0.50	ug/L	20.0		122	66-155	2.70	30	
Chlorobenzene	25.5	0.50	ug/L	20.0		127	70-130	0.433	30	
Chloroethane	19.4	0.50	ug/L	20.0		96.9	45-166	7.66	30	
Chloroform	21.4	0.50	ug/L	20.0		107	71-131	0.140	30	
Chloromethane	18.9	0.50	ug/L	20.0		94.3	48-152	0.532	30	
2-Chlorotoluene	24.3	0.50	ug/L	20.0		121	70-130	0.579	30	
4-Chlorotoluene	23.7	0.50	ug/L	20.0		118	70-130	0.548	30	
1,2-Dibromo-3-chloropropane	21.5	1.0	ug/L	20.0		108	53-145	3.60	30	
Dibromochloromethane	25.2	0.50	ug/L	20.0		126	72-133	0.277	30	
1,2-Dibromoethane (EDB)	24.3	0.50	ug/L	20.0		122	79-120	1.74	30	QL-03
Dibromomethane	22.9	0.50	ug/L	20.0		114	68-124	3.83	30	
1,3-Dichlorobenzene	24.1	0.50	ug/L	20.0		120	70-130	0.539	30	
1,2-Dichlorobenzene	24.9	0.50	ug/L	20.0		125	70-130	1.75	30	
1,4-Dichlorobenzene	24.5	0.50	ug/L	20.0		122	70-130	0.935	30	
Dichlorodifluoromethane (R12)	19.2	0.50	ug/L	20.0		96.1	16-148	1.15	30	
1,1-Dichloroethane	21.5	0.50	ug/L	20.0		108	67-120	3.64	30	
1,2-Dichloroethane (EDC)	19.3	0.50	ug/L	20.0		96.6	57-156	2.52	30	
1,1-Dichloroethylene	23.6	0.50	ug/L	20.0		118	50-149	4.69	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B

LCS Dup (B0L0318-BSD1) Continued

Prepared & Analyzed: 12/03/20

trans-1,2-Dichloroethylene	23.4	0.50	ug/L	20.0		117	66-126	1.81	30	
cis-1,2-Dichloroethylene	23.0	0.50	ug/L	20.0		115	70-124	0.305	30	
1,2-Dichloropropane	21.3	0.50	ug/L	20.0		107	53-139	0.327	30	
2,2-Dichloropropane	19.2	0.50	ug/L	20.0		96.0	44-162	1.63	30	
1,3-Dichloropropane	21.8	0.50	ug/L	20.0		109	79-113	1.57	30	
cis-1,3-Dichloropropylene	22.3	0.50	ug/L	20.0		111	67-127	0.270	30	
trans-1,3-Dichloropropylene	23.3	0.50	ug/L	20.0		116	76-121	1.34	30	
1,1-Dichloropropylene	22.4	0.50	ug/L	20.0		112	84-124	1.08	30	
Diisopropyl ether (DIPE)	19.7	2.0	ug/L	20.0		98.6	51-136	0.815	30	
Ethylbenzene	25.4	0.50	ug/L	20.0		127	86-124	0.990	30	QL-06
Ethyl-tert-Butyl Ether (ETBE)	19.4	2.0	ug/L	20.0		96.8	62-136	0.00	30	
Hexachlorobutadiene	26.3	1.0	ug/L	20.0		132	76-140	3.51	30	
2-Hexanone (MBK)	20.6	10	ug/L	20.0		103	52-123	4.62	30	
Isopropylbenzene	25.5	0.50	ug/L	20.0		128	70-130	1.66	30	
4-Isopropyltoluene	26.0	1.0	ug/L	20.0		130	70-130	0.890	30	
Methyl-tert-Butyl Ether (MTBE)	38.2	1.2	ug/L	40.0		95.5	58-144	3.25	30	
Methylene Chloride	22.1	5.0	ug/L	20.0		111	50-135	2.42	30	
4-Methyl-2-pentanone (MIBK)	22.2	10	ug/L	20.0		111	49-139	2.75	30	
Naphthalene	24.1	2.0	ug/L	20.0		120	74-128	8.51	30	
n-Propylbenzene	24.7	0.50	ug/L	20.0		124	70-130	1.18	30	
Styrene	25.7	0.50	ug/L	20.0		128	84-123	0.621	30	QL-06
1,1,1,2-Tetrachloroethane	25.7	0.50	ug/L	20.0		129	70-130	2.80	30	
1,1,2,2-Tetrachloroethane	22.9	0.50	ug/L	20.0		114	58-126	2.50	30	
Tetrachloroethylene (PCE)	25.7	0.50	ug/L	20.0		129	70-130	2.72	30	
Toluene	24.2	0.50	ug/L	20.0		121	83-118	3.66	30	QL-03
1,2,3-Trichlorobenzene	24.6	0.50	ug/L	20.0		123	77-134	5.23	30	
1,2,4-Trichlorobenzene	25.6	0.50	ug/L	20.0		128	84-128	2.85	30	
1,1,1-Trichloroethane	23.0	0.50	ug/L	20.0		115	66-158	1.89	30	
1,1,2-Trichloroethane	23.4	0.50	ug/L	20.0		117	75-115	0.342	30	QL-06
Trichloroethylene (TCE)	23.0	0.50	ug/L	20.0		115	82-128	1.18	30	
Trichlorofluoromethane (R11)	25.2	0.50	ug/L	20.0		126	65-137	2.43	30	
1,2,3-Trichloropropane	22.5	0.50	ug/L	20.0		112	68-123	2.89	30	

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0318 - EPA 5030B</i>										
LCS Dup (B0L0318-BSD1) Continued										
Prepared & Analyzed: 12/03/20										
1,1,2-Trichloro-1,2,2-trifluoroethane (R113)	22.3	0.50	ug/L	20.0		112	62-130	1.35	30	
1,3,5-Trimethylbenzene	24.8	0.50	ug/L	20.0		124	70-130	1.17	30	
1,2,4-Trimethylbenzene	24.7	0.50	ug/L	20.0		123	70-130	0.773	30	
Vinyl chloride	22.5	0.50	ug/L	20.0		112	51-151	2.80	30	
o-Xylene	24.9	0.50	ug/L	20.0		124	70-130	0.401	30	
m,p-Xylenes	50.6	1.0	ug/L	40.0		127	70-130	0.654	30	
Surrogate: 4-Bromofluorobenzene	53.5		ug/L	50.0		107	80-129			
Surrogate: Dibromofluoromethane	53.0		ug/L	50.0		106	68-137			
Surrogate: Toluene-d8	56.4		ug/L	50.0		113	83-134			
Diesel Range Organics by GC/FID - Quality Control										
<i>Batch B0K2423 - EPA 3510C</i>										
Blank (B0K2423-BLK1)										
Prepared: 11/24/20 Analyzed: 12/04/20										
Diesel Range Organics as Diesel	<0.10	0.10	mg/L							
Surrogate: o-Terphenyl	0.0306		mg/L	0.0400		76.4	50-150			
LCS (B0K2423-BS1)										
Prepared: 11/24/20 Analyzed: 12/04/20										
Diesel Range Organics as Diesel	0.397	0.10	mg/L	0.800		49.6	36-132			
Surrogate: o-Terphenyl	0.0247		mg/L	0.0400		61.7	50-150			
Gasoline Range Organics by GC/FID - Quality Control										
<i>Batch B0L0211 - *** DEFAULT PREP ***</i>										
Blank (B0L0211-BLK1)										
Prepared & Analyzed: 12/02/20										
Gasoline Range Organics (GRO)	<100	100	ug/L							
Surrogate: a,a,a-Trifluorotoluene	44.2		ug/L	50.0		88.3	80-120			
LCS (B0L0211-BS1)										
Prepared & Analyzed: 12/02/20										
Gasoline Range Organics (GRO)	441	100	ug/L	500		88.1	75-125		30	
Surrogate: a,a,a-Trifluorotoluene	49.5		ug/L	50.0		99.1	80-120			
LCS Dup (B0L0211-BSD1)										
Prepared & Analyzed: 12/02/20										
Gasoline Range Organics (GRO)	411	100	ug/L	500		82.2	75-125	6.95	30	

Viorel Vasile
 Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

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 B0L0211 - *** DEFAULT PREP ***</i>										
LCS Dup (B0L0211-BSD1) Continued Prepared & Analyzed: 12/02/20										
<i>Surrogate: a,a,a-Trifluorotoluene</i>	46.9		ug/L	50.0		93.9	80-120			
Matrix Spike (B0L0211-MS1) Source: 0K18016-05 Prepared & Analyzed: 12/02/20										
Gasoline Range Organics (GRO)	410	100	ug/L	500		82.0	70-130		30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	50.2		ug/L	50.0		100	80-120			
Matrix Spike Dup (B0L0211-MSD1) Source: 0K18016-05 Prepared & Analyzed: 12/02/20										
Gasoline Range Organics (GRO)	416	100	ug/L	500		83.1	70-130	1.41	30	
<i>Surrogate: a,a,a-Trifluorotoluene</i>	49.9		ug/L	50.0		99.9	80-120			

Viorel Vasile
Operations Manager



LABORATORY ANALYSIS RESULTS

Client: The Source Group, Inc. (SH)
Project No: 04-NDLA-013
Project Name: DFSP Norwalk GW Sampling

AA Project No: A5333853
Date Received: 11/23/20
Date Reported: 12/04/20

Special Notes

- [1] = **E** : The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
- [2] = **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.
- [3] = **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.
- [4] = **QL-06** : The recovery for this analyte in the LCS and LCSD is marginally above the upper control limit, therefore the reported concentration for this analyte may be biased high.
- [5] = **S-02** : The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
- [6] = **S-GC** : Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogate(s).

A handwritten signature in black ink, appearing to read 'Viorel Vasile'.

Viorel Vasile
Operations Manager



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

November 16, 2020

Eric Davis

1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL:
FAX:

RE: DFSP Norwalk

Order No.: CHH2011036

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 Manager
255 Glendale Ave, #21
Sparks, Nevada 89431



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 3:20:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-01

Matrix: AQUEOUS

Client Sample ID: HL-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	83	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 3:20:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-01

Matrix: AQUEOUS

Client Sample ID: HL-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 2:40:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-02

Matrix: AQUEOUS

Client Sample ID: MW-21(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.090	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.68	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	0.54	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 2:40:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-02

Matrix: AQUEOUS

Client Sample ID: MW-21(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 1:30:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-03

Matrix: AQUEOUS

Client Sample ID: WCW-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	85	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.50	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 1:30:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-03

Matrix: AQUEOUS

Client Sample ID: WCW-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 11:26:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-04

Matrix: AQUEOUS

Client Sample ID: WCW-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	84	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 11:26:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-04

Matrix: AQUEOUS

Client Sample ID: WCW-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-05

Matrix: AQUEOUS

Client Sample ID: WCW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	2.0	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-05

Matrix: AQUEOUS

Client Sample ID: WCW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:50:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-06

Matrix: AQUEOUS

Client Sample ID: WCW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:50:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-06

Matrix: AQUEOUS

Client Sample ID: WCW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020

Project: DFSP Norwalk

Lab ID: 2011036-07

Matrix: AQUEOUS

Client Sample ID: DUP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.086	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	96	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.60	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	0.58	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020

Project: DFSP Norwalk

Lab ID: 2011036-07

Matrix: AQUEOUS

Client Sample ID: DUP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-08

Matrix: AQUEOUS

Client Sample ID: TB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-08

Matrix: AQUEOUS

Client Sample ID: TB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 10:54:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-09

Matrix: AQUEOUS

Client Sample ID: WCW-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 10:54:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-09

Matrix: AQUEOUS

Client Sample ID: WCW-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 11:26:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-10

Matrix: AQUEOUS

Client Sample ID: WCW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	89	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 11:26:00 AM

Project: DFSP Norwalk

Lab ID: 2011036-10

Matrix: AQUEOUS

Client Sample ID: WCW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-11

Matrix: AQUEOUS

Client Sample ID: WCW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-11

Matrix: AQUEOUS

Client Sample ID: WCW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:37:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-12

Matrix: AQUEOUS

Client Sample ID: WCW-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	79	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 12:37:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-12

Matrix: AQUEOUS

Client Sample ID: WCW-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 1:11:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-13

Matrix: AQUEOUS

Client Sample ID: EXP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	102	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 1:11:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-13

Matrix: AQUEOUS

Client Sample ID: EXP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	104	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 1:44:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-14

Matrix: AQUEOUS

Client Sample ID: WCW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	1.1	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 1:44:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-14

Matrix: AQUEOUS

Client Sample ID: WCW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 2:48:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-15

Matrix: AQUEOUS

Client Sample ID: MW-19(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	1.8	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	1.2	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 2:48:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-15

Matrix: AQUEOUS

Client Sample ID: MW-19(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 3:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-16

Matrix: AQUEOUS

Client Sample ID: MW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	92	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/12/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/12/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/12/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011036

Report Date: 11/16/2020

CLIENT:

Collection Date: 11/3/2020 3:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011036-16

Matrix: AQUEOUS

Client Sample ID: MW-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/12/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/12/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/12/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/12/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/12/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/12/2020	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-11829	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 11829	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10448	SeqNo: 299043	
Analysis Date: 11/10/2020			

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

Sample ID: LCS-11829	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 11829	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10448	SeqNo: 299044	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.72	0.05	2.5	0	109	89.6	123				
Surr: Nonane	0.134		0.15		89.3	60	129				

Sample ID: 2011035-05AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 11829	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10448	SeqNo: 299047	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.81	0.1	2.5	0	112	79	140	2.79	0.68	8	
Surr: Nonane	0.272		0.3		90.7	68.8	128	0.291	0	0	

Sample ID: 2011035-05AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 11829	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10448	SeqNo: 299046	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.79	0.1	2.5	0	111	79	140				
Surr: Nonane	0.291		0.3		97.0	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-11843	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L
Client ID: PBW	Batch ID: A11843B	TestNo: SW8015	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299360	
Analysis Date: 11/12/2020			

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	0.0095		0.01		94.9	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		103	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		101	69.51	130.49				

Sample ID: GLCS-11843	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L
Client ID: BatchQC	Batch ID: A11843B	TestNo: SW8015	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299359	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.423	0.05	0.4	0	106	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00966		0.01		96.6	69.51	130.49				
Surr: Toluene-d8	0.0102		0.01		102	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		100	69.51	130.49				

Sample ID: 2011036-01AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L
Client ID: HL-3	Batch ID: A11843B	TestNo: SW8015	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299358	
Analysis Date: 11/12/2020			

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	2.21	3.3	28	
Surr: 1,2-Dichloroethane-d4	0.0484		0.05		96.8	69.51	130.49	0.0501	0	0	
Surr: Toluene-d8	0.0485		0.05		97.0	69.51	130.49	0.0488	0	0	
Surr: 4-Bromofluorobenzene	0.0514		0.05		103	69.51	130.49	0.0505	0	0	

Sample ID: 2011036-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: HL-3	Batch ID: A11843B	TestNo: SW8015	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299357	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.21	0.25	2	0	111	60	125				
Surr: 1,2-Dichloroethane-d4	0.0501		0.05		100	69.51	130.49				
Surr: Toluene-d8	0.0488		0.05		97.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0505		0.05		101	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2011036
 16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011036-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: HL-3	Batch ID: A11843B	TestNo: SW8015									
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299357									
Analysis Date: 11/12/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11843	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299339	
Analysis Date: 11/12/2020			

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

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11843	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299339	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
1,1,1,2-Tetrachloroethane	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
Xylenes, Total	ND	0.5									
Styrene	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,2,3-Trichloropropane	ND	2									
Isopropylbenzene	ND	1									
Bromobenzene	ND	1									
n-Propylbenzene	ND	1									
4-Chlorotoluene	ND	1									
2-Chlorotoluene	ND	1									
1,3,5-Trimethylbenzene	ND	1									
tert-Butylbenzene	ND	1									
1,2,4-Trimethylbenzene	ND	1									
sec-Butylbenzene	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
4-Isopropyltoluene	ND	1									
1,2-Dichlorobenzene	ND	1									
n-Butylbenzene	ND	1									
1,2-Dibromo-3-chloropropane (DBCP)	ND	3									
1,2,4-Trichlorobenzene	ND	2									
Naphthalene	ND	2									
1,2,3-Trichlorobenzene	ND	2									
Surr: 1,2-Dichloroethane-d4	9.5		10		94.9	69.51	130.49				
Surr: Toluene-d8	10		10		103	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		101	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11843	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299366	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	8.04	1	10	0	80.4	16.9	124				
Chloromethane	8.18	2	10	0	81.8	25.9	136				
Vinyl chloride	8.32	1	10	0	83.2	47.8	132				
Chloroethane	7.6	1	10	0	76.0	62.3	169				
Bromomethane	8.61	2	10	0	86.1	33.8	135				
Trichlorofluoromethane	8.57	1	10	0	85.7	16.8	155				
Acetone	182	10	200	0	91.2	72	124				
1,1-Dichloroethene	8.49	1	10	0	84.9	65.2	129				
Tertiary Butyl Alcohol (TBA)	91.2	10	100	0	91.2	52.9	128.4				
Dichloromethane	9.3	2	10	0	93.0	65.2	129				
Freon-113	8.9	1	10	0	89.0	52.4	143				
trans-1,2-Dichloroethene	8.99	1	10	0	89.9	66.7	132				
Methyl tert-butyl ether (MTBE)	9.63	0.5	10	0	96.3	52.9	125				
1,1-Dichloroethane	9.05	1	10	0	90.5	66.6	129				
2-Butanone (MEK)	202	10	200	0	101	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.63	1	10	0	96.3	63.6	131				
cis-1,2-Dichloroethene	8.94	1	10	0	89.4	59.2	131				
Bromochloromethane	9.37	1	10	0	93.7	65.9	121				
Chloroform	9	1	10	0	90.0	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.65	1	10	0	96.5	44.6	136				
2,2-Dichloropropane	10.2	1	10	0	102	58.2	146				
1,2-Dichloroethane	8.71	1	10	0	87.1	73.4	120.4				
1,1,1-Trichloroethane	9.17	1	10	0	91.7	52.7	144				
1,1-Dichloropropene	9.59	1	10	0	95.9	85.6	131				
Carbon tetrachloride	9.38	1	10	0	93.8	30.9	175				
Benzene	9.2	0.5	10	0	92.0	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.37	1	10	0	93.7	52.4	141				
Dibromomethane	9.45	1	10	0	94.5	78.5	120.4				
1,2-Dichloropropane	9.47	1	10	0	94.7	79.5	126				
Trichloroethene	8.82	1	10	0	88.2	69	120.4				
Bromodichloromethane	9.8	1	10	0	98.0	73.9	122				
4-Methyl-2-pentanone (MIBK)	23.9	2.5	25	0	95.5	66.4	122				
cis-1,3-Dichloropropene	10.1	1	10	0	101	78.7	120.4				
trans-1,3-Dichloropropene	9.94	1	10	0	99.4	70.2	120.4				
1,1,2-Trichloroethane	9.38	1	10	0	93.8	76.2	120.4				
Toluene	8.96	0.5	10	0	89.6	79.7	126				
1,3-Dichloropropane	9.04	1	10	0	90.4	71.7	131				
2-Hexanone	105	5	100	0	105	52.9	152				
Dibromochloromethane	9.42	1	10	0	94.2	79.5	120.4				
1,2-Dibromoethane (EDB)	18.8	2	20	0	94.1	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11843	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299366	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.38	1	10	0	93.8	64	123				
1,1,1,2-Tetrachloroethane	9.54	1	10	0	95.4	77.9	120.4				
Chlorobenzene	9.18	1	10	0	91.8	70.9	120.4				
Ethylbenzene	9.54	0.5	10	0	95.4	77.5	120.4				
m,p-Xylene	9.41	0.5	10	0	94.1	74.8	120.4				
Bromoform	9.08	1	10	0	90.8	51.3	120.4				
Xylenes, Total	19	0.5	20	0	95.0	77.6	120.4				
Styrene	10.1	1	10	0	101	71.9	120.4				
o-Xylene	9.59	0.5	10	0	95.9	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.98	1	10	0	99.8	55.6	138				
1,2,3-Trichloropropane	18.4	2	20	0	92.2	73.4	120.4				
Isopropylbenzene	9.66	1	10	0	96.6	78.7	148				
Bromobenzene	9.33	1	10	0	93.3	79.5	121				
n-Propylbenzene	9.69	1	10	0	96.9	82.5	134				
4-Chlorotoluene	9.48	1	10	0	94.8	79.5	135				
2-Chlorotoluene	9.37	1	10	0	93.7	79.5	131				
1,3,5-Trimethylbenzene	9.99	1	10	0	99.9	79.5	135				
tert-Butylbenzene	9.9	1	10	0	99.0	79.5	139				
1,2,4-Trimethylbenzene	10.1	1	10	0	101	79.5	138				
sec-Butylbenzene	9.58	1	10	0	95.8	79.5	132				
1,3-Dichlorobenzene	9.4	1	10	0	94.0	79.5	125				
1,4-Dichlorobenzene	9.52	1	10	0	95.2	79.5	123				
4-Isopropyltoluene	10.1	1	10	0	101	79.5	130				
1,2-Dichlorobenzene	8.98	1	10	0	89.8	79.5	121				
n-Butylbenzene	10.2	1	10	0	102	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	51.3	3	50	0	103	72.1	136				
1,2,4-Trichlorobenzene	9.72	2	10	0	97.2	73.3	126				
Naphthalene	9.49	2	10	0	94.9	47.2	142				
1,2,3-Trichlorobenzene	9.24	2	10	0	92.4	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.54		10		95.4	69.51	130.5				
Surr: Toluene-d8	9.77		10		97.7	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.78		10		97.8	69.51	130.5				

Sample ID: 2011036-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: HL-3MSD	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299337	
Analysis Date: 11/12/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011036-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: HL-3MSD	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299337	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	40.4	5	50	0	80.8	5.1	155	42.8	5.7	38	
Chloromethane	42.2	10	50	0	84.5	37.7	121	39.9	5.6	22.5	
Vinyl chloride	44.5	5	50	0	89.1	60.4	140	43.4	2.7	23.9	
Chloroethane	40	5	50	0	79.9	43.1	206	39.9	0.15	22.9	
Bromomethane	38.7	10	50	0	77.3	12.6	168	35.6	8.4	48	
Trichlorofluoromethane	48.6	5	50	0	97.2	58.6	163	49.6	2	33.3	
Acetone	869	50	1000	0	86.9	37.3	152	865	0.51	50	
1,1-Dichloroethene	46.5	5	50	0	93.0	69.8	158	45.2	2.9	21.7	
Tertiary Butyl Alcohol (TBA)	443	50	500	0	88.6	60.4	158	440	0.7	26.8	
Dichloromethane	45.9	10	50	0	91.8	71.7	132	44.6	2.8	20	
Freon-113	47.5	5	50	0	94.9	52.1	166	49.6	4.5	25.9	
trans-1,2-Dichloroethene	45.7	5	50	0	91.4	72	136	43.9	3.9	19.2	
Methyl tert-butyl ether (MTBE)	47.4	2.5	50	0.34	94.1	54.8	155	46.6	1.5	21.4	
1,1-Dichloroethane	46.7	5	50	0	93.3	76.9	140	46.1	1.2	18	
2-Butanone (MEK)	923	50	1000	0	92.3	73.7	142	942	2	20.9	
Di-isopropyl Ether (DIPE)	48.6	5	50	0	97.2	74.8	136	47.4	2.6	18.2	
cis-1,2-Dichloroethene	45.1	5	50	0	90.3	73.9	133	44	2.5	20.1	
Bromochloromethane	46.5	5	50	0	93.1	75.8	132	45.3	2.6	23.5	
Chloroform	46.1	5	50	0	92.3	74.3	130	45.4	1.7	18	
Ethyl Tertiary Butyl Ether (ETBE)	47.7	5	50	0	95.4	74.8	138	47	1.6	20.3	
2,2-Dichloropropane	41.2	5	50	0	82.3	53.9	146	41.1	0.097	52.3	
1,2-Dichloroethane	45.5	5	50	0	91.0	72.6	144	45.8	0.59	17.1	
1,1,1-Trichloroethane	48.3	5	50	0	96.7	70.2	138	47.3	2.2	22.2	
1,1-Dichloropropene	49.8	5	50	0	99.6	69.7	146	48.9	1.8	29.6	
Carbon tetrachloride	50.1	5	50	0	100	58.2	141	49.5	1.3	31.9	
Benzene	46.4	2.5	50	0	92.7	67.8	140	45.2	2.5	18.1	
Tertiary Amyl Methyl Ether (TAME)	47.2	5	50	0	94.5	72.3	144	47.6	0.8	20.6	
Dibromomethane	45.4	5	50	0	90.9	75.2	144	45.8	0.83	19.5	
1,2-Dichloropropane	47.2	5	50	0	94.3	75.3	144	45.9	2.6	19.7	
Trichloroethene	42.3	5	50	0	84.5	65.7	131	41.1	2.7	25.3	
Bromodichloromethane	49.6	5	50	0	99.3	70.2	141	49.5	0.24	20.5	
4-Methyl-2-pentanone (MIBK)	116	12.5	125	0	92.9	57.9	143	117	1	21.3	
cis-1,3-Dichloropropene	43.1	5	50	0	86.1	56.9	132	42.9	0.47	25.8	
trans-1,3-Dichloropropene	45.5	5	50	0	91.0	72	131	45.8	0.59	26.4	
1,1,2-Trichloroethane	46.3	5	50	0	92.7	74	130	46.5	0.32	21.9	
Toluene	42.8	2.5	50	0	85.6	67.2	131	43.1	0.65	18.3	
1,3-Dichloropropane	42.6	5	50	0	85.2	74.2	124	43.8	2.8	21.7	
2-Hexanone	502	25	500	0	100	66.7	135	512	2.1	20.9	
Dibromochloromethane	44.4	5	50	0	88.7	71.5	134	43.7	1.5	24.1	
1,2-Dibromoethane (EDB)	87.6	10	100	0	87.6	74.7	129	89.7	2.4	23.1	

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011036-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: HL-3MSD	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299337	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	42.8	5	50	0	85.5	45.9	138	42.9	0.33	30.9	
1,1,1,2-Tetrachloroethane	46.1	5	50	0	92.3	75.7	125	46	0.22	22.6	
Chlorobenzene	44.3	5	50	0	88.5	73.7	120	44.6	0.85	23.1	
Ethylbenzene	46.8	2.5	50	0	93.7	70.3	122	46.5	0.79	25.3	
m,p-Xylene	45.7	2.5	50	0	91.3	52.9	136	45.6	0.13	26.6	
Bromoform	42.6	5	50	0	85.2	61.5	141	43	1	25	
Xylenes, Total	92.2	2.5	100	0	92.2	61	131	92	0.23	25.6	
Styrene	48.1	5	50	0	96.2	74	130	46	4.4	26	
o-Xylene	46.5	2.5	50	0	93.0	67.3	129	46.4	0.32	25	
1,1,2,2-Tetrachloroethane	52.4	5	50	0	105	62.4	153	53.6	2.2	24.6	
1,2,3-Trichloropropane	89.5	10	100	0	89.5	37.4	171	90.5	1	50	
Isopropylbenzene	50.4	5	50	0	101	63	132	49.3	2.2	33.1	
Bromobenzene	46.8	5	50	0	93.7	65.1	120	45.9	1.9	23.6	
n-Propylbenzene	50.4	5	50	0	101	58.2	128	49	2.8	32.4	
4-Chlorotoluene	48.1	5	50	0	96.2	63.9	127	47.2	2	29.1	
2-Chlorotoluene	48.3	5	50	0	96.7	63.2	126	48	0.58	28.9	
1,3,5-Trimethylbenzene	52.7	5	50	0	105	63.8	138	51.8	1.6	31.9	
tert-Butylbenzene	52.2	5	50	0	104	59.7	128	51.3	1.8	36.2	
1,2,4-Trimethylbenzene	52.4	5	50	0	105	65.1	135	51	2.7	28.8	
sec-Butylbenzene	48.9	5	50	0	97.9	55.5	128	48.3	1.3	40.9	
1,3-Dichlorobenzene	46.9	5	50	0	93.8	64.5	122	45.8	2.4	28.6	
1,4-Dichlorobenzene	48.3	5	50	0	96.6	63.7	121	46.5	3.7	27.7	
4-Isopropyltoluene	52.2	5	50	0	104	58	135	50.9	2.5	40.4	
1,2-Dichlorobenzene	45.1	5	50	0	90.2	66.7	122	44.3	1.8	24.5	
n-Butylbenzene	52.4	5	50	0	105	52.7	139	50.5	3.7	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	274	15	250	0	109	59.1	143	271	0.91	24.9	
1,2,4-Trichlorobenzene	47.1	10	50	0	94.3	47.1	139	44.3	6.3	35	
Naphthalene	46.8	10	50	0	93.5	31.6	164	44.2	5.7	50	
1,2,3-Trichlorobenzene	45.8	10	50	0	91.5	17.7	171	43.4	5.2	57	
Surr: 1,2-Dichloroethane-d4	50.1		50		100	69.51	130.49	50	0	0	
Surr: Toluene-d8	46.4		50		92.9	69.51	130.49	46.8	0	0	
Surr: 4-Bromofluorobenzene	50.9		50		102	69.51	130.49	49.6	0	0	

Sample ID: 2011036-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: HL-3MS	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299336	
Analysis Date: 11/12/2020			

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 limit



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011036-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: HL-3MS	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299336	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	42.8	5	50	0	85.5	5.1	155				
Chloromethane	39.9	10	50	0	79.8	37.7	121				
Vinyl chloride	43.4	5	50	0	86.7	60.4	140				
Chloroethane	39.9	5	50	0	79.8	43.1	206				
Bromomethane	35.6	10	50	0	71.1	12.6	168				
Trichlorofluoromethane	49.6	5	50	0	99.1	58.6	163				
Acetone	865	50	1000	0	86.5	37.3	152				
1,1-Dichloroethene	45.2	5	50	0	90.4	69.8	158				
Tertiary Butyl Alcohol (TBA)	440	50	500	0	88.0	60.4	158				
Dichloromethane	44.6	10	50	0	89.3	71.7	132				
Freon-113	49.6	5	50	0	99.3	52.1	166				
trans-1,2-Dichloroethene	43.9	5	50	0	87.9	72	136				
Methyl tert-butyl ether (MTBE)	46.6	2.5	50	0.34	92.6	54.8	155				
1,1-Dichloroethane	46.1	5	50	0	92.2	76.9	140				
2-Butanone (MEK)	942	50	1000	0	94.2	73.7	142				
Di-isopropyl Ether (DIPE)	47.4	5	50	0	94.8	74.8	136				
cis-1,2-Dichloroethene	44	5	50	0	88.0	73.9	133				
Bromochloromethane	45.3	5	50	0	90.7	75.8	132				
Chloroform	45.4	5	50	0	90.7	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	47	5	50	0	93.9	74.8	138				
2,2-Dichloropropane	41.1	5	50	0	82.2	53.9	146				
1,2-Dichloroethane	45.8	5	50	0	91.5	72.6	144				
1,1,1-Trichloroethane	47.3	5	50	0	94.6	70.2	138				
1,1-Dichloropropene	48.9	5	50	0	97.9	69.7	146				
Carbon tetrachloride	49.5	5	50	0	99.0	58.2	141				
Benzene	45.2	2.5	50	0	90.5	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	47.6	5	50	0	95.2	72.3	144				
Dibromomethane	45.8	5	50	0	91.6	75.2	144				
1,2-Dichloropropane	45.9	5	50	0	91.9	75.3	144				
Trichloroethene	41.1	5	50	0	82.2	65.7	131				
Bromodichloromethane	49.5	5	50	0	99.1	70.2	141				
4-Methyl-2-pentanone (MIBK)	117	12.5	125	0	93.9	57.9	143				
cis-1,3-Dichloropropene	42.9	5	50	0	85.7	56.9	132				
trans-1,3-Dichloropropene	45.8	5	50	0	91.6	72	131				
1,1,2-Trichloroethane	46.5	5	50	0	93.0	74	130				
Toluene	43.1	2.5	50	0	86.2	67.2	131				
1,3-Dichloropropane	43.8	5	50	0	87.5	74.2	124				
2-Hexanone	512	25	500	0	102	66.7	135				
Dibromochloromethane	43.7	5	50	0	87.4	71.5	134				
1,2-Dibromoethane (EDB)	89.7	10	100	0	89.6	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2011036

16-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011036-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: HL-3MS	Batch ID: A11843	TestNo: SW8260C	
Prep Date: 11/12/2020	RunNo: 10458	SeqNo: 299336	
Analysis Date: 11/12/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	42.9	5	50	0	85.8	45.9	138				
1,1,1,2-Tetrachloroethane	46	5	50	0	92.1	75.7	125				
Chlorobenzene	44.6	5	50	0	89.3	73.7	120				
Ethylbenzene	46.5	2.5	50	0	92.9	70.3	122				
m,p-Xylene	45.6	2.5	50	0	91.2	52.9	136				
Bromoform	43	5	50	0	86.1	61.5	141				
Xylenes, Total	92	2.5	100	0	92.0	61	131				
Styrene	46	5	50	0	92.0	74	130				
o-Xylene	46.4	2.5	50	0	92.7	67.3	129				
1,1,2,2-Tetrachloroethane	53.6	5	50	0	107	62.4	153				
1,2,3-Trichloropropane	90.5	10	100	0	90.5	37.4	171				
Isopropylbenzene	49.3	5	50	0	98.5	63	132				
Bromobenzene	45.9	5	50	0	91.9	65.1	120				
n-Propylbenzene	49	5	50	0	98.0	58.2	128				
4-Chlorotoluene	47.2	5	50	0	94.3	63.9	127				
2-Chlorotoluene	48	5	50	0	96.1	63.2	126				
1,3,5-Trimethylbenzene	51.8	5	50	0	104	63.8	138				
tert-Butylbenzene	51.3	5	50	0	103	59.7	128				
1,2,4-Trimethylbenzene	51	5	50	0	102	65.1	135				
sec-Butylbenzene	48.3	5	50	0	96.6	55.5	128				
1,3-Dichlorobenzene	45.8	5	50	0	91.5	64.5	122				
1,4-Dichlorobenzene	46.5	5	50	0	93.1	63.7	121				
4-Isopropyltoluene	50.9	5	50	0	102	58	135				
1,2-Dichlorobenzene	44.3	5	50	0	88.6	66.7	122				
n-Butylbenzene	50.5	5	50	0	101	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	271	15	250	0	108	59.1	143				
1,2,4-Trichlorobenzene	44.3	10	50	0	88.6	47.1	139				
Naphthalene	44.2	10	50	0	88.4	31.6	164				
1,2,3-Trichlorobenzene	43.4	10	50	0	86.9	17.7	171				
Surr: 1,2-Dichloroethane-d4	50		50		100	69.51	130.49				
Surr: Toluene-d8	46.8		50		93.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	49.6		50		99.2	69.51	130.49				

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



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#: 2011036
Date: 11/16/2020

Definitions:

ND = Not Detected

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

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

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

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

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

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

O = Reporting Limits were increased due to sample foaming.

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

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

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

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

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

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

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

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Benny Pataray
 Danny Hill
 Eric Davis
 Malcolm Thomas
 Malcom 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: CHH2011036
 Report Due By: 16-Nov-20
 EDD Required: YES

Report Attention: Eric Davis


Client:
 CH2M Hill
 1000 Wilshire Boulevard
 Los Angeles, CA 90017

TEL: 2132288271
 FAX: 7144242135
 ProjectNo: DFSP Norwalk

Date Received: 05-Nov-20

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	
CHH2011036-01	HL-3	AQ	11/3/2020 3:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011036-02	MW-21(MID)	AQ	11/3/2020 2:40:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011036-03	WCW-4	AQ	11/3/2020 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	
CHH2011036-04	WCW-5	AQ	11/3/2020 11:26:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011036-05	WCW-6	AQ	11/3/2020 12:15:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011036-06	WCW-8	AQ	11/3/2020 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	
CHH2011036-07	DUP-1	AQ	11/3/2020	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011036-08	TB-1	AQ	11/3/2020 7:00:00 AM	2	0	7			A - TPHE(0.05) +Vinyl acetate	Client provided TB
CHH2011036-09	WCW-2	AQ	11/3/2020 10:54:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011036-10	WCW-12	AQ	11/3/2020 11:26:00 AM	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
	Daija Nordyke	Alpha Analytical, Inc.	11.5.20 13:35

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests						Sample Remarks	
				Alpha	Sub	TAT	TPHE_W	TPHP_W	VOC_W					
CHH2011036-11	WCW-13	AQ	11/3/2020 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					
CHH2011036-12	WCW-14	AQ	11/3/2020 12:37:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011036-13	EXP-4	AQ	11/3/2020 1:11:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011036-14	WCW-3	AQ	11/3/2020 1:44:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011036-15	MW-19(MID)	AQ	11/3/2020 2:48:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011036-16	MW-7	AQ	11/3/2020 3:15:00 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
	Danja Nordyke	Alpha Analytical, Inc.	11.5.20 13:35

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

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

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														

HL-3	11-3-20	1520	AQ	6	HCL	VOA	X	X												CHH201103601
MW-2(M)	11-3-20	1440	AQ	6	HCL	VOA	X	X												02
WCW-4	11-3-20	1330	AQ	6	HCL	VOA	X	X												03
WCW-5	11-3-20	1120	AQ	6	HCL	VOA	X	X												04
WCW-6	11-3-20	1215	AQ	6	HCL	VOA	X	X												05
WCW-8	11-3-20	1250	AQ	6	HCL	VOA	X	X												06
DUP-1	11-3-20		AQ	6	HCL	VOA	X	X												07
TB-1	11-3-20	0700	AQ	2	HC	VOA	X	X												08
																				09
																				10

SAMPLING COMPLETED **11-3-20 1600** | SAMPLING PERFORMED BY **Genett graves** | RESULTS NEEDED NO LATER THAN **Standard**

RELEASED BY | TIME **1600** | RECEIVED BY **Nicole** | DATE **11/3/20** | TIME **1600**

RELEASED BY **Nicole** | TIME **1600** | RECEIVED BY **FEDEX** | DATE **11/4/20** | TIME **1600**

RELEASED BY | TIME **1600** | RECEIVED BY | DATE **11.5.20** | TIME **13:35**

SHIPPED VIA | TIME SENT | COOLER # | Page 48 of 49
7719 8950 8199

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

Kindergarten 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 AC= Water	CONTAINERS			TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type												
WCW-2	11.3.20	1054	A& Water	0	stcl	Voas	X	X										CHH20110365-09
WCW-12		1126					X	X										10/22
WCW-13		1200					X	X										11/13
WCW-14		1237					X	X										12/14
EXP-4		1311					X	X										13/15
WCW-3		1344					X	X										14/16
MW-19(M10)		1448					X	X										15/17
MW-7		1515					X	X										16/18

SAMPLING COMPLETED: 11.3.20 1550 | SAMPLING PERFORMED BY: Kevin Thompson | RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] | TIME: 1600 | RECEIVED BY: Nicole | DATE: 11/3/20 | TIME: 1600

RELEASED BY: Nicole | TIME: 1600 | RECEIVED BY: FEDEX | DATE: 11/4/20 | TIME: 1600

RELEASED BY: [Signature] | TIME: 11.5.20 | RECEIVED BY: [Signature] | DATE: 11.5.20 | TIME: 13:35

SHIPPED VIA: 7719 8950 8197 | TIME SENT: Page 49 of 49 | COOLER #



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

November 17, 2020

Eric Davis

1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL:
FAX:

RE: DFSP Norwalk

Dear Eric Davis:

Order No.: CHH2011050

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 Manager
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
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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 8:52:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-01

Matrix: AQUEOUS

Client Sample ID: EXP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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

Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 8:52:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-01

Matrix: AQUEOUS

Client Sample ID: EXP-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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

Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020

Project: DFSP Norwalk

Lab ID: 2011050-02

Matrix: AQUEOUS

Client Sample ID: DUP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020

Project: DFSP Norwalk

Lab ID: 2011050-02

Matrix: AQUEOUS

Client Sample ID: DUP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 9:33:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-03

Matrix: AQUEOUS

Client Sample ID: GMW-39

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	370	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 9:33:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-03

Matrix: AQUEOUS

Client Sample ID: GMW-39

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:11:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-04

Matrix: AQUEOUS

Client Sample ID: MW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:11:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-04

Matrix: AQUEOUS

Client Sample ID: MW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:52:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-05

Matrix: AQUEOUS

Client Sample ID: GMW-SF-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:52:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-05

Matrix: AQUEOUS

Client Sample ID: GMW-SF-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 11:23:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-06

Matrix: AQUEOUS

Client Sample ID: GMW-SF-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 11:23:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-06

Matrix: AQUEOUS

Client Sample ID: GMW-SF-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 12:09:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-07

Matrix: AQUEOUS

Client Sample ID: GMW-38

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 12:09:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-07

Matrix: AQUEOUS

Client Sample ID: GMW-38

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 1:11:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-08

Matrix: AQUEOUS

Client Sample ID: EXP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 1:11:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-08

Matrix: AQUEOUS

Client Sample ID: EXP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 1:59:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-09

Matrix: AQUEOUS

Client Sample ID: GMW-37

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	96	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 1:59:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-09

Matrix: AQUEOUS

Client Sample ID: GMW-37

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 2:51:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-10

Matrix: AQUEOUS

Client Sample ID: GMW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 2:51:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-10

Matrix: AQUEOUS

Client Sample ID: GMW-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 8:42:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-11

Matrix: AQUEOUS

Client Sample ID: EXP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 8:42:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-11

Matrix: AQUEOUS

Client Sample ID: EXP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 12:57:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-12

Matrix: AQUEOUS

Client Sample ID: GMW-O-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 12:57:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-12

Matrix: AQUEOUS

Client Sample ID: GMW-O-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 12:06:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-13

Matrix: AQUEOUS

Client Sample ID: GMW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	89	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 12:06:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-13

Matrix: AQUEOUS

Client Sample ID: GMW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 11:12:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-14

Matrix: AQUEOUS

Client Sample ID: GMW-O-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.26	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 11:12:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-14

Matrix: AQUEOUS

Client Sample ID: GMW-O-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	7.1	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	15	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	18	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	3.2	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	1.1	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	5.0	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	18	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	90	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:40:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-15

Matrix: AQUEOUS

Client Sample ID: GMW-O-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:40:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-15

Matrix: AQUEOUS

Client Sample ID: GMW-O-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-16

Matrix: AQUEOUS

Client Sample ID: GMW-O-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	77	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 10:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-16

Matrix: AQUEOUS

Client Sample ID: GMW-O-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 3:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-17

Matrix: AQUEOUS

Client Sample ID: GMW-O-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 3:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-17

Matrix: AQUEOUS

Client Sample ID: GMW-O-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 2:20:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-18

Matrix: AQUEOUS

Client Sample ID: GMW-O-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 2:20:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-18

Matrix: AQUEOUS

Client Sample ID: GMW-O-10

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 9:20:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-19

Matrix: AQUEOUS

Client Sample ID: GMW-O-17

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/13/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/13/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 9:20:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-19

Matrix: AQUEOUS

Client Sample ID: GMW-O-17

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-20

Matrix: AQUEOUS

Client Sample ID: TB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/13/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011050-20

Matrix: AQUEOUS

Client Sample ID: TB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Styrene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/13/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/13/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/13/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/13/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/13/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/13/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 3:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-21

Matrix: AQUEOUS

Client Sample ID: EB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/11/2020	TPH-E by EPA 8015C
Surr: Nonane	100	63-125		%Rec	11/11/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 3:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-21

Matrix: AQUEOUS

Client Sample ID: EB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 3:10:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-22

Matrix: AQUEOUS

Client Sample ID: EB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	95	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/4/2020 3:10:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-22

Matrix: AQUEOUS

Client Sample ID: EB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/3/2020 3:20:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-23

Matrix: AQUEOUS

Client Sample ID: EB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/3/2020 3:20:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-23

Matrix: AQUEOUS

Client Sample ID: EB-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/3/2020 3:25:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-24

Matrix: AQUEOUS

Client Sample ID: EB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/10/2020	TPH-E by EPA 8015C
Surr: Nonane	102	63-125		%Rec	11/10/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/16/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/16/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/16/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011050

Report Date: 11/17/2020

CLIENT:

Collection Date: 11/3/2020 3:25:00 PM

Project: DFSP Norwalk

Lab ID: 2011050-24

Matrix: AQUEOUS

Client Sample ID: EB-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/16/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/16/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/16/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/16/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/16/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/16/2020	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-11822	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 11822	TestNo: SW8015	SW8015
Prep Date: 11/9/2020	RunNo: 10436	SeqNo: 298793	
Analysis Date: 11/9/2020			

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	0.15		0.15		99.3	63	125				

Sample ID: LCS-11822	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 11822	TestNo: SW8015	SW8015
Prep Date: 11/9/2020	RunNo: 10436	SeqNo: 298794	
Analysis Date: 11/9/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.9	0.05	2.5	0	116	89.6	123				
Surr: Nonane	0.156		0.15		104	60	129				

Sample ID: 2011046-01AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 11822	TestNo: SW8015	SW8015
Prep Date: 11/9/2020	RunNo: 10436	SeqNo: 298806	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.87	0.1	2.5	0	115	79	140	3.01	4.7	8	
Surr: Nonane	0.306		0.3		102	68.8	128	0.311	0	0	

Sample ID: 2011046-01AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: BatchQC	Batch ID: 11822	TestNo: SW8015	SW8015
Prep Date: 11/9/2020	RunNo: 10436	SeqNo: 298805	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.01	0.1	2.5	0	120	79	140				
Surr: Nonane	0.311		0.3		104	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-11830	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 11830	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10450	SeqNo: 299083	
Analysis Date: 11/10/2020			

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	0.15		0.15		98.0	63	125				

Sample ID: LCS-11830	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 11830	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10450	SeqNo: 299084	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.88	0.05	2.5	0	115	89.6	123				
Surr: Nonane	0.14		0.15		93.3	60	129				

Sample ID: 2011050-01AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EXP-1MSD	Batch ID: 11830	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10450	SeqNo: 299087	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.93	0.1	2.5	0	117	79	140	3.07	4.8	8	
Surr: Nonane	0.317		0.3		106	68.8	128	0.309	0	0	

Sample ID: 2011050-01AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EXP-1MS	Batch ID: 11830	TestNo: SW8015	SW8015
Prep Date: 11/10/2020	RunNo: 10450	SeqNo: 299086	
Analysis Date: 11/10/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.07	0.1	2.5	0	123	79	140				
Surr: Nonane	0.309		0.3		103	68.8	128				

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



Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-11855	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L
Client ID: PBW	Batch ID: A11855B	TestNo: SW8015	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299626	
Analysis Date: 11/13/2020			

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	0.01		0.01		102	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.011		0.01		106	69.51	130.49				

Sample ID: GLCS-11855	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L
Client ID: BatchQC	Batch ID: A11855B	TestNo: SW8015	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299625	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.415	0.05	0.4	0	104	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.0101		0.01		101	69.51	130.49				
Surr: Toluene-d8	0.00955		0.01		95.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00997		0.01		99.7	69.51	130.49				

Sample ID: 2011050-01AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L
Client ID: EXP-1	Batch ID: A11855B	TestNo: SW8015	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299647	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2	0.25	2	0	100	60	125	2.08	3.9	28	
Surr: 1,2-Dichloroethane-d4	0.052		0.05		104	69.51	130.49	0.0538	0	0	
Surr: Toluene-d8	0.0495		0.05		98.9	69.51	130.49	0.0488	0	0	
Surr: 4-Bromofluorobenzene	0.0497		0.05		99.5	69.51	130.49	0.0471	0	0	

Sample ID: 2011050-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EXP-1	Batch ID: A11855B	TestNo: SW8015	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299646	
Analysis Date: 11/13/2020			

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	0.0538		0.05		108	69.51	130.49				
Surr: Toluene-d8	0.0488		0.05		97.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0471		0.05		94.3	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: **2011050**
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011050-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EXP-1	Batch ID: A11855B	TestNo: SW8015									
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299646									
Analysis Date: 11/13/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-11864	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A11864B	TestNo: SW8015									
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299683									
Analysis Date: 11/16/2020											
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	0.01		0.01		103	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		100	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		102	69.51	130.49				

Sample ID: GLCS-11864	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A11864B	TestNo: SW8015									
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299682									
Analysis Date: 11/16/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	0.408	0.05	0.4	0	102	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.0102		0.01		102	69.51	130.49				
Surr: Toluene-d8	0.00968		0.01		96.8	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00994		0.01		99.4	69.51	130.49				

Sample ID: 2011050-21AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-3	Batch ID: A11864B	TestNo: SW8015									
Prep Date: 11/17/2020	RunNo: 10471	SeqNo: 299689									
Analysis Date: 11/17/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	2.06	0.25	2	0	103	60	125	2.08	0.92	28	
Surr: 1,2-Dichloroethane-d4	0.0501		0.05		100	69.51	130.49	0.0494	0	0	
Surr: Toluene-d8	0.0484		0.05		96.9	69.51	130.49	0.0494	0	0	
Surr: 4-Bromofluorobenzene	0.0488		0.05		97.7	69.51	130.49	0.0476	0	0	

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



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QC SUMMARY REPORT

WO#: **2011050**
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011050-21AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-3	Batch ID: A11864B	TestNo: SW8015	
Prep Date: 11/17/2020	RunNo: 10471	SeqNo: 299688	
Analysis Date: 11/17/2020			

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	0.0494		0.05		98.9	69.51	130.49				
Surr: Toluene-d8	0.0494		0.05		98.8	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0476		0.05		95.2	69.51	130.49				

- Qualifiers:**
- B Analyte detected in the associated Method Blank
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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11855	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299622	
Analysis Date: 11/13/2020			

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

Qualifiers:
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QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11855	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299622	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
1,1,1,2-Tetrachloroethane	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
Xylenes, Total	ND	0.5									
Styrene	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,2,3-Trichloropropane	ND	2									
Isopropylbenzene	ND	1									
Bromobenzene	ND	1									
n-Propylbenzene	ND	1									
4-Chlorotoluene	ND	1									
2-Chlorotoluene	ND	1									
1,3,5-Trimethylbenzene	ND	1									
tert-Butylbenzene	ND	1									
1,2,4-Trimethylbenzene	ND	1									
sec-Butylbenzene	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
4-Isopropyltoluene	ND	1									
1,2-Dichlorobenzene	ND	1									
n-Butylbenzene	ND	1									
1,2-Dibromo-3-chloropropane (DBCP)	ND	3									
1,2,4-Trichlorobenzene	ND	2									
Naphthalene	ND	2									
1,2,3-Trichlorobenzene	ND	2									
Surr: 1,2-Dichloroethane-d4	10		10		102	69.51	130.49				
Surr: Toluene-d8	10		10		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	11		10		106	69.51	130.49				

Qualifiers:
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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11855	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299621	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	7.37	1	10	0	73.7	16.9	124				
Chloromethane	8.58	2	10	0	85.8	25.9	136				
Vinyl chloride	8.02	1	10	0	80.2	47.8	132				
Chloroethane	7.34	1	10	0	73.4	62.3	169				
Bromomethane	8.53	2	10	0	85.3	33.8	135				
Trichlorofluoromethane	8.95	1	10	0	89.5	16.8	155				
Acetone	190	10	200	0	95.0	72	124				
1,1-Dichloroethene	8.51	1	10	0	85.1	65.2	129				
Tertiary Butyl Alcohol (TBA)	98.5	10	100	0	98.5	52.9	128.4				
Dichloromethane	8.76	2	10	0	87.6	65.2	129				
Freon-113	8.91	1	10	0	89.1	52.4	143				
trans-1,2-Dichloroethene	8.45	1	10	0	84.5	66.7	132				
Methyl tert-butyl ether (MTBE)	9.47	0.5	10	0	94.7	52.9	125				
1,1-Dichloroethane	8.79	1	10	0	87.9	66.6	129				
2-Butanone (MEK)	204	10	200	0	102	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.33	1	10	0	93.3	63.6	131				
cis-1,2-Dichloroethene	8.6	1	10	0	86.0	59.2	131				
Bromochloromethane	9.09	1	10	0	90.9	65.9	121				
Chloroform	8.72	1	10	0	87.2	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.41	1	10	0	94.1	44.6	136				
2,2-Dichloropropane	9.93	1	10	0	99.3	58.2	146				
1,2-Dichloroethane	9.05	1	10	0	90.5	73.4	120.4				
1,1,1-Trichloroethane	8.84	1	10	0	88.4	52.7	144				
1,1-Dichloropropene	9.28	1	10	0	92.8	85.6	131				
Carbon tetrachloride	9.36	1	10	0	93.6	30.9	175				
Benzene	8.76	0.5	10	0	87.6	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.69	1	10	0	96.9	52.4	141				
Dibromomethane	9.22	1	10	0	92.2	78.5	120.4				
1,2-Dichloropropane	9.2	1	10	0	92.0	79.5	126				
Trichloroethene	8.27	1	10	0	82.7	69	120.4				
Bromodichloromethane	9.77	1	10	0	97.7	73.9	122				
4-Methyl-2-pentanone (MIBK)	24.6	2.5	25	0	98.4	66.4	122				
cis-1,3-Dichloropropene	9.58	1	10	0	95.8	78.7	120.4				
trans-1,3-Dichloropropene	9.68	1	10	0	96.8	70.2	120.4				
1,1,2-Trichloroethane	9.4	1	10	0	94.0	76.2	120.4				
Toluene	8.08	0.5	10	0	80.8	79.7	126				
1,3-Dichloropropane	8.59	1	10	0	85.9	71.7	131				
2-Hexanone	105	5	100	0	105	52.9	152				
Dibromochloromethane	8.91	1	10	0	89.1	79.5	120.4				
1,2-Dibromoethane (EDB)	17.8	2	20	0	89.1	76.4	120.4				

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

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11855	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299621	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	8.05	1	10	0	80.5	64	123				
1,1,1,2-Tetrachloroethane	8.77	1	10	0	87.7	77.9	120.4				
Chlorobenzene	8.31	1	10	0	83.1	70.9	120.4				
Ethylbenzene	8.75	0.5	10	0	87.5	77.5	120.4				
m,p-Xylene	8.7	0.5	10	0	87.0	74.8	120.4				
Bromoform	8.73	1	10	0	87.3	51.3	120.4				
Xylenes, Total	17.4	0.5	20	0	87.2	77.6	120.4				
Styrene	8.86	1	10	0	88.6	71.9	120.4				
o-Xylene	8.74	0.5	10	0	87.4	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.81	1	10	0	98.1	55.6	138				
1,2,3-Trichloropropane	17.7	2	20	0	88.7	73.4	120.4				
Isopropylbenzene	9.07	1	10	0	90.7	78.7	148				
Bromobenzene	8.52	1	10	0	85.2	79.5	121				
n-Propylbenzene	9.05	1	10	0	90.5	82.5	134				
4-Chlorotoluene	8.71	1	10	0	87.1	79.5	135				
2-Chlorotoluene	8.67	1	10	0	86.7	79.5	131				
1,3,5-Trimethylbenzene	9.33	1	10	0	93.3	79.5	135				
tert-Butylbenzene	9.23	1	10	0	92.3	79.5	139				
1,2,4-Trimethylbenzene	9.32	1	10	0	93.2	79.5	138				
sec-Butylbenzene	8.99	1	10	0	89.9	79.5	132				
1,3-Dichlorobenzene	8.59	1	10	0	85.9	79.5	125				
1,4-Dichlorobenzene	8.65	1	10	0	86.5	79.5	123				
4-Isopropyltoluene	9.46	1	10	0	94.6	79.5	130				
1,2-Dichlorobenzene	8.47	1	10	0	84.7	79.5	121				
n-Butylbenzene	9.72	1	10	0	97.2	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	52.8	3	50	0	106	72.1	136				
1,2,4-Trichlorobenzene	8.92	2	10	0	89.2	73.3	126				
Naphthalene	9	2	10	0	90.0	47.2	142				
1,2,3-Trichlorobenzene	8.63	2	10	0	86.3	67.4	130				
Surr: 1,2-Dichloroethane-d4	10.4		10		104	69.51	130.5				
Surr: Toluene-d8	9.55		10		95.5	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.76		10		97.6	69.51	130.5				

Sample ID: 2011050-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EXP-1MSD	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299620	
Analysis Date: 11/13/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011050-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EXP-1MSD	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299620	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	34.1	5	50	0	68.3	5.1	155	36	5.2	38	
Chloromethane	38.3	10	50	0	76.5	37.7	121	36.3	5.2	22.5	
Vinyl chloride	40.8	5	50	0	81.5	60.4	140	40.1	1.5	23.9	
Chloroethane	38.6	5	50	0	77.3	43.1	206	40.1	3.6	22.9	
Bromomethane	38.7	10	50	0	77.3	12.6	168	36.4	6.1	48	
Trichlorofluoromethane	48.5	5	50	0	97.0	58.6	163	51.1	5.2	33.3	
Acetone	842	50	1000	0	84.2	37.3	152	873	3.6	50	
1,1-Dichloroethene	40.8	5	50	0	81.5	69.8	158	42.5	4.2	21.7	
Tertiary Butyl Alcohol (TBA)	446	50	500	0	89.2	60.4	158	433	2.9	26.8	
Dichloromethane	44	10	50	0	88.0	71.7	132	44.9	2	20	
Freon-113	42.2	5	50	0	84.4	52.1	166	46.6	10	25.9	
trans-1,2-Dichloroethene	43.6	5	50	0	87.1	72	136	42.7	2	19.2	
Methyl tert-butyl ether (MTBE)	45.1	2.5	50	0	90.2	54.8	155	44.1	2.2	21.4	
1,1-Dichloroethane	44.8	5	50	0	89.5	76.9	140	43.7	2.5	18	
2-Butanone (MEK)	903	50	1000	0	90.3	73.7	142	934	3.4	20.9	
Di-isopropyl Ether (DIPE)	45.4	5	50	0	90.9	74.8	136	44.1	3.1	18.2	
cis-1,2-Dichloroethene	42.9	5	50	0	85.7	73.9	133	41.6	3	20.1	
Bromochloromethane	44.7	5	50	0	89.5	75.8	132	45	0.51	23.5	
Chloroform	44.5	5	50	0	89.1	74.3	130	44.4	0.36	18	
Ethyl Tertiary Butyl Ether (ETBE)	44.4	5	50	0	88.8	74.8	138	43.3	2.5	20.3	
2,2-Dichloropropane	36.3	5	50	0	72.6	53.9	146	36.8	1.4	52.3	
1,2-Dichloroethane	44.8	5	50	0	89.5	72.6	144	46.2	3.1	17.1	
1,1,1-Trichloroethane	45.8	5	50	0	91.7	70.2	138	45.5	0.66	22.2	
1,1-Dichloropropene	46.6	5	50	0	93.1	69.7	146	45.5	2.2	29.6	
Carbon tetrachloride	47.4	5	50	0	94.8	58.2	141	46.9	1	31.9	
Benzene	43.3	2.5	50	0	86.6	67.8	140	42.9	0.88	18.1	
Tertiary Amyl Methyl Ether (TAME)	47.6	5	50	0	95.2	72.3	144	47.5	0.27	20.6	
Dibromomethane	44.3	5	50	0	88.6	75.2	144	45.6	2.8	19.5	
1,2-Dichloropropane	45	5	50	0	90.1	75.3	144	43.4	3.7	19.7	
Trichloroethene	40.5	5	50	0	81.0	65.7	131	40.6	0.35	25.3	
Bromodichloromethane	48.2	5	50	0	96.3	70.2	141	48.1	0.15	20.5	
4-Methyl-2-pentanone (MIBK)	112	12.5	125	0	89.4	57.9	143	115	2.5	21.3	
cis-1,3-Dichloropropene	38.9	5	50	0	77.9	56.9	132	38	2.4	25.8	
trans-1,3-Dichloropropene	40.3	5	50	0	80.6	72	131	40.8	1.3	26.4	
1,1,2-Trichloroethane	44.8	5	50	0	89.5	74	130	44.7	0.16	21.9	
Toluene	40.8	2.5	50	0	81.5	67.2	131	41.1	0.76	18.3	
1,3-Dichloropropane	42.4	5	50	0	84.8	74.2	124	42.5	0.26	21.7	
2-Hexanone	494	25	500	0	98.7	66.7	135	510	3.3	20.9	
Dibromochloromethane	44.3	5	50	0	88.7	71.5	134	44.4	0.2	24.1	
1,2-Dibromoethane (EDB)	84.7	10	100	0	84.7	74.7	129	86.9	2.6	23.1	

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



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

QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011050-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EXP-1MSD	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299620	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	40.7	5	50	0	81.3	45.9	138	41.1	1	30.9	
1,1,1,2-Tetrachloroethane	44.8	5	50	0	89.5	75.7	125	46	2.8	22.6	
Chlorobenzene	43.8	5	50	0	87.6	73.7	120	44.1	0.7	23.1	
Ethylbenzene	45.4	2.5	50	0	90.7	70.3	122	45.6	0.59	25.3	
m,p-Xylene	43.6	2.5	50	0	87.2	52.9	136	44.7	2.6	26.6	
Bromoform	42.4	5	50	0	84.8	61.5	141	43	1.5	25	
Xylenes, Total	88	2.5	100	0	88.0	61	131	89.8	2	25.6	
Styrene	44.6	5	50	0	89.2	74	130	46.2	3.5	26	
o-Xylene	44.4	2.5	50	0	88.9	67.3	129	45.1	1.5	25	
1,1,2,2-Tetrachloroethane	51.2	5	50	0	102	62.4	153	54.4	6	24.6	
1,2,3-Trichloropropane	86.8	10	100	0	86.8	37.4	171	93.2	7.1	50	
Isopropylbenzene	48.1	5	50	0	96.3	63	132	46.1	4.3	33.1	
Bromobenzene	45.5	5	50	0	91.0	65.1	120	44.5	2.1	23.6	
n-Propylbenzene	47.2	5	50	0	94.3	58.2	128	46.1	2.4	32.4	
4-Chlorotoluene	45.8	5	50	0	91.6	63.9	127	44.2	3.6	29.1	
2-Chlorotoluene	46.9	5	50	0	93.8	63.2	126	45.5	3.1	28.9	
1,3,5-Trimethylbenzene	49.8	5	50	0	99.6	63.8	138	48.7	2.2	31.9	
tert-Butylbenzene	49.5	5	50	0	99.1	59.7	128	48.7	1.8	36.2	
1,2,4-Trimethylbenzene	49.2	5	50	0	98.5	65.1	135	48	2.5	28.8	
sec-Butylbenzene	47.7	5	50	0	95.5	55.5	128	44.7	6.6	40.9	
1,3-Dichlorobenzene	45.3	5	50	0	90.6	64.5	122	44.1	2.5	28.6	
1,4-Dichlorobenzene	45.9	5	50	0	91.8	63.7	121	43.9	4.3	27.7	
4-Isopropyltoluene	48.4	5	50	0	96.8	58	135	47.9	1.1	40.4	
1,2-Dichlorobenzene	43.8	5	50	0	87.6	66.7	122	43.1	1.7	24.5	
n-Butylbenzene	48.7	5	50	0	97.5	52.7	139	46.4	4.9	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	252	15	250	0	101	59.1	143	258	2.3	24.9	
1,2,4-Trichlorobenzene	43.7	10	50	0	87.4	47.1	139	39.9	9	35	
Naphthalene	41.3	10	50	0	82.5	31.6	164	38.2	7.6	50	
1,2,3-Trichlorobenzene	41	10	50	0	82.0	17.7	171	39	5.1	57	
Surr: 1,2-Dichloroethane-d4	53		50		106	69.51	130.49	54.5	0	0	
Surr: Toluene-d8	47		50		94.1	69.51	130.49	47.3	0	0	
Surr: 4-Bromofluorobenzene	49.1		50		98.2	69.51	130.49	49	0	0	

Sample ID: 2011050-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EXP-1MS	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299619	
Analysis Date: 11/13/2020			

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 limit



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011050-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EXP-1MS	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299619	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	36	5	50	0	71.9	5.1	155				
Chloromethane	36.3	10	50	0	72.6	37.7	121				
Vinyl chloride	40.1	5	50	0	80.3	60.4	140				
Chloroethane	40.1	5	50	0	80.1	43.1	206				
Bromomethane	36.4	10	50	0	72.8	12.6	168				
Trichlorofluoromethane	51.1	5	50	0	102	58.6	163				
Acetone	873	50	1000	0	87.3	37.3	152				
1,1-Dichloroethene	42.5	5	50	0	85.0	69.8	158				
Tertiary Butyl Alcohol (TBA)	433	50	500	0	86.7	60.4	158				
Dichloromethane	44.9	10	50	0	89.9	71.7	132				
Freon-113	46.6	5	50	0	93.3	52.1	166				
trans-1,2-Dichloroethene	42.7	5	50	0	85.4	72	136				
Methyl tert-butyl ether (MTBE)	44.1	2.5	50	0	88.2	54.8	155				
1,1-Dichloroethane	43.7	5	50	0	87.3	76.9	140				
2-Butanone (MEK)	934	50	1000	0	93.4	73.7	142				
Di-isopropyl Ether (DIPE)	44.1	5	50	0	88.1	74.8	136				
cis-1,2-Dichloroethene	41.6	5	50	0	83.2	73.9	133				
Bromochloromethane	45	5	50	0	89.9	75.8	132				
Chloroform	44.4	5	50	0	88.8	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	43.3	5	50	0	86.6	74.8	138				
2,2-Dichloropropane	36.8	5	50	0	73.7	53.9	146				
1,2-Dichloroethane	46.2	5	50	0	92.3	72.6	144				
1,1,1-Trichloroethane	45.5	5	50	0	91.1	70.2	138				
1,1-Dichloropropene	45.5	5	50	0	91.1	69.7	146				
Carbon tetrachloride	46.9	5	50	0	93.8	58.2	141				
Benzene	42.9	2.5	50	0	85.9	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	47.5	5	50	0	95.0	72.3	144				
Dibromomethane	45.6	5	50	0	91.2	75.2	144				
1,2-Dichloropropane	43.4	5	50	0	86.8	75.3	144				
Trichloroethene	40.6	5	50	0	81.3	65.7	131				
Bromodichloromethane	48.1	5	50	0	96.2	70.2	141				
4-Methyl-2-pentanone (MIBK)	115	12.5	125	0	91.7	57.9	143				
cis-1,3-Dichloropropene	38	5	50	0	76.0	56.9	132				
trans-1,3-Dichloropropene	40.8	5	50	0	81.6	72	131				
1,1,2-Trichloroethane	44.7	5	50	0	89.4	74	130				
Toluene	41.1	2.5	50	0	82.1	67.2	131				
1,3-Dichloropropane	42.5	5	50	0	85.0	74.2	124				
2-Hexanone	510	25	500	0	102	66.7	135				
Dibromochloromethane	44.4	5	50	0	88.9	71.5	134				
1,2-Dibromoethane (EDB)	86.9	10	100	0	86.9	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011050-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EXP-1MS	Batch ID: A11855	TestNo: SW8260C	
Prep Date: 11/13/2020	RunNo: 10466	SeqNo: 299619	
Analysis Date: 11/13/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	41.1	5	50	0	82.2	45.9	138				
1,1,1,2-Tetrachloroethane	46	5	50	0	92.0	75.7	125				
Chlorobenzene	44.1	5	50	0	88.3	73.7	120				
Ethylbenzene	45.6	2.5	50	0	91.2	70.3	122				
m,p-Xylene	44.7	2.5	50	0	89.5	52.9	136				
Bromoform	43	5	50	0	86.1	61.5	141				
Xylenes, Total	89.8	2.5	100	0	89.8	61	131				
Styrene	46.2	5	50	0	92.4	74	130				
o-Xylene	45.1	2.5	50	0	90.2	67.3	129				
1,1,2,2-Tetrachloroethane	54.4	5	50	0	109	62.4	153				
1,2,3-Trichloropropane	93.2	10	100	0	93.2	37.4	171				
Isopropylbenzene	46.1	5	50	0	92.3	63	132				
Bromobenzene	44.5	5	50	0	89.1	65.1	120				
n-Propylbenzene	46.1	5	50	0	92.1	58.2	128				
4-Chlorotoluene	44.2	5	50	0	88.4	63.9	127				
2-Chlorotoluene	45.5	5	50	0	90.9	63.2	126				
1,3,5-Trimethylbenzene	48.7	5	50	0	97.5	63.8	138				
tert-Butylbenzene	48.7	5	50	0	97.4	59.7	128				
1,2,4-Trimethylbenzene	48	5	50	0	96.0	65.1	135				
sec-Butylbenzene	44.7	5	50	0	89.4	55.5	128				
1,3-Dichlorobenzene	44.1	5	50	0	88.3	64.5	122				
1,4-Dichlorobenzene	43.9	5	50	0	87.9	63.7	121				
4-Isopropyltoluene	47.9	5	50	0	95.8	58	135				
1,2-Dichlorobenzene	43.1	5	50	0	86.2	66.7	122				
n-Butylbenzene	46.4	5	50	0	92.8	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	258	15	250	0	103	59.1	143				
1,2,4-Trichlorobenzene	39.9	10	50	0	79.9	47.1	139				
Naphthalene	38.2	10	50	0	76.5	31.6	164				
1,2,3-Trichlorobenzene	39	10	50	0	77.9	17.7	171				
Surr: 1,2-Dichloroethane-d4	54.5		50		109	69.51	130.49				
Surr: Toluene-d8	47.3		50		94.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	49		50		98.1	69.51	130.49				

Sample ID: MB-11864	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299665	
Analysis Date: 11/16/2020			

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 Blau
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11864	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299665	
Analysis Date: 11/16/2020			

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

Qualifiers:
 B Analyte detected in the associated Method Blau
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QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11864	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299665	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
1,1,1,2-Tetrachloroethane	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
Xylenes, Total	ND	0.5									
Styrene	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,2,3-Trichloropropane	ND	2									
Isopropylbenzene	ND	1									
Bromobenzene	ND	1									
n-Propylbenzene	ND	1									
4-Chlorotoluene	ND	1									
2-Chlorotoluene	ND	1									
1,3,5-Trimethylbenzene	ND	1									
tert-Butylbenzene	ND	1									
1,2,4-Trimethylbenzene	ND	1									
sec-Butylbenzene	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
4-Isopropyltoluene	ND	1									
1,2-Dichlorobenzene	ND	1									
n-Butylbenzene	ND	1									
1,2-Dibromo-3-chloropropane (DBCP)	ND	3									
1,2,4-Trichlorobenzene	ND	2									
Naphthalene	ND	2									
1,2,3-Trichlorobenzene	ND	2									
Surr: 1,2-Dichloroethane-d4	10		10		103	69.51	130.49				
Surr: Toluene-d8	10		10		100	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		102	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11864	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299664	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	7.51	1	10	0	75.1	16.9	124				
Chloromethane	8.27	2	10	0	82.7	25.9	136				
Vinyl chloride	8.72	1	10	0	87.2	47.8	132				
Chloroethane	7.33	1	10	0	73.3	62.3	169				
Bromomethane	8.33	2	10	0	83.3	33.8	135				
Trichlorofluoromethane	9.06	1	10	0	90.6	16.8	155				
Acetone	215	10	200	0	107	72	124				
1,1-Dichloroethene	9.4	1	10	0	94.0	65.2	129				
Tertiary Butyl Alcohol (TBA)	112	10	100	0	112	52.9	128.4				
Dichloromethane	9.49	2	10	0	94.9	65.2	129				
Freon-113	9.64	1	10	0	96.4	52.4	143				
trans-1,2-Dichloroethene	9.46	1	10	0	94.6	66.7	132				
Methyl tert-butyl ether (MTBE)	10.6	0.5	10	0	106	52.9	125				
1,1-Dichloroethane	9.54	1	10	0	95.4	66.6	129				
2-Butanone (MEK)	225	10	200	0	112	63.7	120.4				
Di-isopropyl Ether (DIPE)	10.3	1	10	0	103	63.6	131				
cis-1,2-Dichloroethene	9.38	1	10	0	93.8	59.2	131				
Bromochloromethane	9.83	1	10	0	98.3	65.9	121				
Chloroform	9.5	1	10	0	95.0	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	10.6	1	10	0	106	44.6	136				
2,2-Dichloropropane	11	1	10	0	110	58.2	146				
1,2-Dichloroethane	9.52	1	10	0	95.2	73.4	120.4				
1,1,1-Trichloroethane	9.76	1	10	0	97.6	52.7	144				
1,1-Dichloropropene	10	1	10	0	100	85.6	131				
Carbon tetrachloride	10.1	1	10	0	101	30.9	175				
Benzene	9.53	0.5	10	0	95.3	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	10	1	10	0	100	52.4	141				
Dibromomethane	9.89	1	10	0	98.9	78.5	120.4				
1,2-Dichloropropane	9.97	1	10	0	99.7	79.5	126				
Trichloroethene	8.93	1	10	0	89.3	69	120.4				
Bromodichloromethane	10.5	1	10	0	105	73.9	122				
4-Methyl-2-pentanone (MIBK)	27	2.5	25	0	108	66.4	122				
cis-1,3-Dichloropropene	10.7	1	10	0	107	78.7	120.4				
trans-1,3-Dichloropropene	10.4	1	10	0	104	70.2	120.4				
1,1,2-Trichloroethane	10.1	1	10	0	101	76.2	120.4				
Toluene	9.11	0.5	10	0	91.1	79.7	126				
1,3-Dichloropropane	9.75	1	10	0	97.5	71.7	131				
2-Hexanone	119	5	100	0	118	52.9	152				
Dibromochloromethane	9.77	1	10	0	97.7	79.5	120.4				
1,2-Dibromoethane (EDB)	19.8	2	20	0	99.2	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11864	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299664	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.14	1	10	0	91.4	64	123				
1,1,1,2-Tetrachloroethane	9.77	1	10	0	97.7	77.9	120.4				
Chlorobenzene	9.39	1	10	0	93.9	70.9	120.4				
Ethylbenzene	9.7	0.5	10	0	97.0	77.5	120.4				
m,p-Xylene	9.67	0.5	10	0	96.7	74.8	120.4				
Bromoform	9.53	1	10	0	95.3	51.3	120.4				
Xylenes, Total	19.5	0.5	20	0	97.4	77.6	120.4				
Styrene	9.8	1	10	0	98.0	71.9	120.4				
o-Xylene	9.8	0.5	10	0	98.0	79.1	120.4				
1,1,2,2-Tetrachloroethane	10.9	1	10	0	110	55.6	138				
1,2,3-Trichloropropane	19.5	2	20	0	97.6	73.4	120.4				
Isopropylbenzene	9.9	1	10	0	99.0	78.7	148				
Bromobenzene	9.27	1	10	0	92.7	79.5	121				
n-Propylbenzene	10	1	10	0	100	82.5	134				
4-Chlorotoluene	9.67	1	10	0	96.7	79.5	135				
2-Chlorotoluene	9.45	1	10	0	94.5	79.5	131				
1,3,5-Trimethylbenzene	10.3	1	10	0	103	79.5	135				
tert-Butylbenzene	10.2	1	10	0	102	79.5	139				
1,2,4-Trimethylbenzene	10.2	1	10	0	102	79.5	138				
sec-Butylbenzene	9.68	1	10	0	96.8	79.5	132				
1,3-Dichlorobenzene	9.28	1	10	0	92.8	79.5	125				
1,4-Dichlorobenzene	9.56	1	10	0	95.6	79.5	123				
4-Isopropyltoluene	10.3	1	10	0	103	79.5	130				
1,2-Dichlorobenzene	9.06	1	10	0	90.6	79.5	121				
n-Butylbenzene	10.4	1	10	0	104	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	56.4	3	50	0	113	72.1	136				
1,2,4-Trichlorobenzene	10	2	10	0	100	73.3	126				
Naphthalene	10.2	2	10	0	102	47.2	142				
1,2,3-Trichlorobenzene	9.14	2	10	0	91.4	67.4	130				
Surr: 1,2-Dichloroethane-d4	10.3		10		103	69.51	130.5				
Surr: Toluene-d8	9.56		10		95.6	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.58		10		95.8	69.51	130.5				

Sample ID: 2011026-02AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299663	
Analysis Date: 11/16/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011026-02AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299663	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	28.8	5	50	0	57.6	5.1	155	29.6	2.7	38	
Chloromethane	35.3	10	50	0	70.5	37.7	121	37.6	6.5	22.5	
Vinyl chloride	38	5	50	0	75.9	60.4	140	40	5.1	23.9	
Chloroethane	34.3	5	50	0	68.7	43.1	206	36	4.7	22.9	
Bromomethane	36.4	10	50	0	72.8	12.6	168	38.6	5.9	48	
Trichlorofluoromethane	52.5	5	50	11.7	81.8	58.6	163	53.9	2.5	33.3	
Acetone	1000	50	1000	0	100	37.3	152	1030	2.8	50	
1,1-Dichloroethene	42.8	5	50	0	85.6	69.8	158	44.6	4.1	21.7	
Tertiary Butyl Alcohol (TBA)	525	50	500	0	105	60.4	158	539	2.6	26.8	
Dichloromethane	46.2	10	50	0	92.4	71.7	132	47.3	2.4	20	
Freon-113	43.4	5	50	0	86.9	52.1	166	44.6	2.7	25.9	
trans-1,2-Dichloroethene	42.8	5	50	0	85.6	72	136	44.2	3.1	19.2	
Methyl tert-butyl ether (MTBE)	62.4	2.5	50	11.3	102	54.8	155	63.4	1.6	21.4	
1,1-Dichloroethane	45	5	50	0	90.0	76.9	140	46.3	2.7	18	
2-Butanone (MEK)	1070	50	1000	0	107	73.7	142	1080	1.1	20.9	
Di-isopropyl Ether (DIPE)	48.6	5	50	0	97.2	74.8	136	49.7	2.3	18.2	
cis-1,2-Dichloroethene	43.3	5	50	0	86.7	73.9	133	45.9	5.7	20.1	
Bromochloromethane	47.5	5	50	0	95.1	75.8	132	46.8	1.6	23.5	
Chloroform	44.9	5	50	0	89.8	74.3	130	46.8	4.2	18	
Ethyl Tertiary Butyl Ether (ETBE)	48.2	5	50	0	96.4	74.8	138	49.3	2.3	20.3	
2,2-Dichloropropane	37.4	5	50	0	74.9	53.9	146	39.1	4.4	52.3	
1,2-Dichloroethane	46.6	5	50	0	93.3	72.6	144	47.8	2.4	17.1	
1,1,1-Trichloroethane	46	5	50	0	92.0	70.2	138	46.3	0.76	22.2	
1,1-Dichloropropene	46.5	5	50	0	93.0	69.7	146	47.9	2.9	29.6	
Carbon tetrachloride	46	5	50	0	92.0	58.2	141	47.9	4.1	31.9	
Benzene	44.7	2.5	50	0	89.4	67.8	140	46.5	3.9	18.1	
Tertiary Amyl Methyl Ether (TAME)	51.3	5	50	0	103	72.3	144	50.4	1.8	20.6	
Dibromomethane	47.9	5	50	0	95.8	75.2	144	50.2	4.6	19.5	
1,2-Dichloropropane	46.4	5	50	0	92.7	75.3	144	47.2	1.9	19.7	
Trichloroethene	44.5	5	50	4.23	80.6	65.7	131	47.1	5.6	25.3	
Bromodichloromethane	49.7	5	50	0	99.3	70.2	141	51.7	4	20.5	
4-Methyl-2-pentanone (MIBK)	131	12.5	125	0	105	57.9	143	131	0.03	21.3	
cis-1,3-Dichloropropene	43.9	5	50	0	87.7	56.9	132	45	2.5	25.8	
trans-1,3-Dichloropropene	46.5	5	50	0	93.0	72	131	47.2	1.6	26.4	
1,1,2-Trichloroethane	47.6	5	50	0	95.2	74	130	49.7	4.3	21.9	
Toluene	40.7	2.5	50	0	81.3	67.2	131	43.9	7.6	18.3	
1,3-Dichloropropane	45.6	5	50	0	91.2	74.2	124	48.5	6.1	21.7	
2-Hexanone	560	25	500	0	112	66.7	135	587	4.8	20.9	
Dibromochloromethane	45.5	5	50	0	90.9	71.5	134	47.8	5	24.1	
1,2-Dibromoethane (EDB)	90.5	10	100	0	90.5	74.7	129	96.3	6.2	23.1	

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



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QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011026-02AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299663	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	84.8	5	50	57.3	55.0	45.9	138	85.6	0.94	30.9	
1,1,1,2-Tetrachloroethane	44.4	5	50	0	88.9	75.7	125	48	7.6	22.6	
Chlorobenzene	42.7	5	50	0	85.4	73.7	120	45.3	5.9	23.1	
Ethylbenzene	43.5	2.5	50	0	86.9	70.3	122	46.8	7.4	25.3	
m,p-Xylene	42.6	2.5	50	0	85.3	52.9	136	46	7.6	26.6	
Bromoform	44.4	5	50	0	88.9	61.5	141	47.8	7.3	25	
Xylenes, Total	86.9	2.5	100	0	86.9	61	131	93.1	6.9	25.6	
Styrene	46	5	50	0	92.1	74	130	49.3	6.9	26	
o-Xylene	44.3	2.5	50	0	88.5	67.3	129	47.1	6.2	25	
1,1,2,2-Tetrachloroethane	57.8	5	50	0	116	62.4	153	58.5	1.2	24.6	
1,2,3-Trichloropropane	94.3	10	100	0	94.3	37.4	171	101	6.9	50	
Isopropylbenzene	46.2	5	50	0	92.4	63	132	46.5	0.63	33.1	
Bromobenzene	44.4	5	50	0	88.7	65.1	120	44.6	0.56	23.6	
n-Propylbenzene	46.1	5	50	0	92.1	58.2	128	47.2	2.5	32.4	
4-Chlorotoluene	44.2	5	50	0	88.4	63.9	127	45.1	2.1	29.1	
2-Chlorotoluene	45.3	5	50	0	90.6	63.2	126	44.9	0.93	28.9	
1,3,5-Trimethylbenzene	47.7	5	50	0	95.5	63.8	138	49.7	4	31.9	
tert-Butylbenzene	47.9	5	50	0	95.9	59.7	128	47.5	0.96	36.2	
1,2,4-Trimethylbenzene	48	5	50	0	96.0	65.1	135	48.8	1.5	28.8	
sec-Butylbenzene	44.8	5	50	0	89.5	55.5	128	45.8	2.2	40.9	
1,3-Dichlorobenzene	43.8	5	50	0	87.7	64.5	122	44.1	0.66	28.6	
1,4-Dichlorobenzene	45.3	5	50	0	90.6	63.7	121	45.5	0.4	27.7	
4-Isopropyltoluene	47.3	5	50	0	94.6	58	135	48.5	2.5	40.4	
1,2-Dichlorobenzene	42.9	5	50	0	85.8	66.7	122	43.4	1	24.5	
n-Butylbenzene	46.8	5	50	0	93.6	52.7	139	47.1	0.7	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	288	15	250	0	115	59.1	143	280	2.7	24.9	
1,2,4-Trichlorobenzene	45.2	10	50	0	90.3	47.1	139	45.7	1.2	35	
Naphthalene	47.2	10	50	0	94.3	31.6	164	45.8	2.9	50	
1,2,3-Trichlorobenzene	45.3	10	50	0	90.7	17.7	171	45.4	0.22	57	
Surr: 1,2-Dichloroethane-d4	55		50		110	69.51	130.49	54.2	0	0	
Surr: Toluene-d8	46.6		50		93.3	69.51	130.49	48.4	0	0	
Surr: 4-Bromofluorobenzene	49.8		50		99.5	69.51	130.49	48.1	0	0	

Sample ID: 2011026-02AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299662	
Analysis Date: 11/16/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011026-02AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299662	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	29.6	5	50	0	59.2	5.1	155				
Chloromethane	37.6	10	50	0	75.3	37.7	121				
Vinyl chloride	40	5	50	0	79.9	60.4	140				
Chloroethane	36	5	50	0	72.0	43.1	206				
Bromomethane	38.6	10	50	0	77.2	12.6	168				
Trichlorofluoromethane	53.9	5	50	11.7	84.4	58.6	163				
Acetone	1030	50	1000	0	103	37.3	152				
1,1-Dichloroethene	44.6	5	50	0	89.3	69.8	158				
Tertiary Butyl Alcohol (TBA)	539	50	500	0	108	60.4	158				
Dichloromethane	47.3	10	50	0	94.7	71.7	132				
Freon-113	44.6	5	50	0	89.2	52.1	166				
trans-1,2-Dichloroethene	44.2	5	50	0	88.4	72	136				
Methyl tert-butyl ether (MTBE)	63.4	2.5	50	11.3	104	54.8	155				
1,1-Dichloroethane	46.3	5	50	0	92.5	76.9	140				
2-Butanone (MEK)	1080	50	1000	0	108	73.7	142				
Di-isopropyl Ether (DIPE)	49.7	5	50	0	99.5	74.8	136				
cis-1,2-Dichloroethene	45.9	5	50	0	91.8	73.9	133				
Bromochloromethane	46.8	5	50	0	93.6	75.8	132				
Chloroform	46.8	5	50	0	93.6	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	49.3	5	50	0	98.7	74.8	138				
2,2-Dichloropropane	39.1	5	50	0	78.2	53.9	146				
1,2-Dichloroethane	47.8	5	50	0	95.5	72.6	144				
1,1,1-Trichloroethane	46.3	5	50	0	92.7	70.2	138				
1,1-Dichloropropene	47.9	5	50	0	95.7	69.7	146				
Carbon tetrachloride	47.9	5	50	0	95.9	58.2	141				
Benzene	46.5	2.5	50	0	93.0	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	50.4	5	50	0	101	72.3	144				
Dibromomethane	50.2	5	50	0	100	75.2	144				
1,2-Dichloropropane	47.2	5	50	0	94.5	75.3	144				
Trichloroethene	47.1	5	50	4.23	85.7	65.7	131				
Bromodichloromethane	51.7	5	50	0	103	70.2	141				
4-Methyl-2-pentanone (MIBK)	131	12.5	125	0	105	57.9	143				
cis-1,3-Dichloropropene	45	5	50	0	89.9	56.9	132				
trans-1,3-Dichloropropene	47.2	5	50	0	94.5	72	131				
1,1,2-Trichloroethane	49.7	5	50	0	99.3	74	130				
Toluene	43.9	2.5	50	0	87.8	67.2	131				
1,3-Dichloropropane	48.5	5	50	0	97.0	74.2	124				
2-Hexanone	587	25	500	0	117	66.7	135				
Dibromochloromethane	47.8	5	50	0	95.6	71.5	134				
1,2-Dibromoethane (EDB)	96.3	10	100	0	96.2	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011026-02AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299662	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	85.6	5	50	57.3	56.6	45.9	138				
1,1,1,2-Tetrachloroethane	48	5	50	0	95.9	75.7	125				
Chlorobenzene	45.3	5	50	0	90.6	73.7	120				
Ethylbenzene	46.8	2.5	50	0	93.6	70.3	122				
m,p-Xylene	46	2.5	50	0	92.1	52.9	136				
Bromoform	47.8	5	50	0	95.6	61.5	141				
Xylenes, Total	93.1	2.5	100	0	93.1	61	131				
Styrene	49.3	5	50	0	98.7	74	130				
o-Xylene	47.1	2.5	50	0	94.2	67.3	129				
1,1,2,2-Tetrachloroethane	58.5	5	50	0	117	62.4	153				
1,2,3-Trichloropropane	101	10	100	0	101	37.4	171				
Isopropylbenzene	46.5	5	50	0	93.0	63	132				
Bromobenzene	44.6	5	50	0	89.2	65.1	120				
n-Propylbenzene	47.2	5	50	0	94.5	58.2	128				
4-Chlorotoluene	45.1	5	50	0	90.3	63.9	127				
2-Chlorotoluene	44.9	5	50	0	89.7	63.2	126				
1,3,5-Trimethylbenzene	49.7	5	50	0	99.4	63.8	138				
tert-Butylbenzene	47.5	5	50	0	94.9	59.7	128				
1,2,4-Trimethylbenzene	48.8	5	50	0	97.5	65.1	135				
sec-Butylbenzene	45.8	5	50	0	91.5	55.5	128				
1,3-Dichlorobenzene	44.1	5	50	0	88.3	64.5	122				
1,4-Dichlorobenzene	45.5	5	50	0	91.0	63.7	121				
4-Isopropyltoluene	48.5	5	50	0	97.0	58	135				
1,2-Dichlorobenzene	43.4	5	50	0	86.7	66.7	122				
n-Butylbenzene	47.1	5	50	0	94.3	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	280	15	250	0	112	59.1	143				
1,2,4-Trichlorobenzene	45.7	10	50	0	91.4	47.1	139				
Naphthalene	45.8	10	50	0	91.6	31.6	164				
1,2,3-Trichlorobenzene	45.4	10	50	0	90.9	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	48.1		50		96.2	69.51	130.49				

Sample ID: 2011013-03AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299661	
Analysis Date: 11/16/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011013-03AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299661	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	31.7	5	50	0	63.3	5.1	155	31.6	0.063	38	
Chloromethane	37.5	10	50	0	74.9	37.7	121	34.8	7.3	22.5	
Vinyl chloride	38.8	5	50	0	77.5	60.4	140	38.2	1.4	23.9	
Chloroethane	37.3	5	50	0	74.5	43.1	206	36.1	3.2	22.9	
Bromomethane	37.8	10	50	0	75.5	12.6	168	35.1	7.2	48	
Trichlorofluoromethane	44.4	5	50	0	88.7	58.6	163	45.3	2.1	33.3	
Acetone	867	50	1000	0	86.7	37.3	152	946	8.7	50	
1,1-Dichloroethene	41.8	5	50	0	83.6	69.8	158	41.3	1.2	21.7	
Tertiary Butyl Alcohol (TBA)	455	50	500	0	90.9	60.4	158	510	11	26.8	
Dichloromethane	44	10	50	0	87.9	71.7	132	45.1	2.5	20	
Freon-113	43	5	50	0	86.0	52.1	166	43.8	1.8	25.9	
trans-1,2-Dichloroethene	42.4	5	50	0	84.7	72	136	42	0.83	19.2	
Methyl tert-butyl ether (MTBE)	46.1	2.5	50	0	92.2	54.8	155	47.4	2.8	21.4	
1,1-Dichloroethane	43.8	5	50	0	87.6	76.9	140	43.3	1.1	18	
2-Butanone (MEK)	968	50	1000	0	96.8	73.7	142	1010	4.4	20.9	
Di-isopropyl Ether (DIPE)	45.7	5	50	0	91.4	74.8	136	45.9	0.42	18.2	
cis-1,2-Dichloroethene	42.3	5	50	0	84.6	73.9	133	42.4	0.19	20.1	
Bromochloromethane	44.7	5	50	0	89.4	75.8	132	43.7	2.1	23.5	
Chloroform	44.3	5	50	0.53	87.5	74.3	130	44.3	0.068	18	
Ethyl Tertiary Butyl Ether (ETBE)	45.4	5	50	0	90.8	74.8	138	45.5	0.31	20.3	
2,2-Dichloropropane	37.3	5	50	0	74.6	53.9	146	38.4	2.9	52.3	
1,2-Dichloroethane	44.8	5	50	0	89.6	72.6	144	44.9	0.16	17.1	
1,1,1-Trichloroethane	44	5	50	0	88.0	70.2	138	44.9	2	22.2	
1,1-Dichloropropene	46	5	50	0	92.0	69.7	146	45.7	0.74	29.6	
Carbon tetrachloride	45.5	5	50	0	90.9	58.2	141	46.4	2	31.9	
Benzene	43.1	2.5	50	0	86.2	67.8	140	43.6	1.2	18.1	
Tertiary Amyl Methyl Ether (TAME)	46.7	5	50	0	93.4	72.3	144	48.7	4.1	20.6	
Dibromomethane	44.5	5	50	0	88.9	75.2	144	47.3	6.1	19.5	
1,2-Dichloropropane	44.4	5	50	0	88.8	75.3	144	44.5	0.14	19.7	
Trichloroethene	40.1	5	50	0	80.2	65.7	131	39.5	1.5	25.3	
Bromodichloromethane	47.9	5	50	0	95.8	70.2	141	49	2.4	20.5	
4-Methyl-2-pentanone (MIBK)	119	12.5	125	0	95.5	57.9	143	121	1.6	21.3	
cis-1,3-Dichloropropene	40.4	5	50	0	80.8	56.9	132	40.4	0.025	25.8	
trans-1,3-Dichloropropene	42.3	5	50	0	84.7	72	131	44	3.8	26.4	
1,1,2-Trichloroethane	46.2	5	50	0	92.3	74	130	46.6	0.82	21.9	
Toluene	41.2	2.5	50	0	82.4	67.2	131	40.8	1	18.3	
1,3-Dichloropropane	42.7	5	50	0	85.5	74.2	124	43.4	1.5	21.7	
2-Hexanone	524	25	500	0	105	66.7	135	541	3.1	20.9	
Dibromochloromethane	43.9	5	50	0	87.8	71.5	134	44.9	2.2	24.1	
1,2-Dibromoethane (EDB)	88.7	10	100	0	88.7	74.7	129	91.1	2.7	23.1	

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



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011013-03AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299661	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	40.5	5	50	0	81.0	45.9	138	41.6	2.7	30.9	
1,1,1,2-Tetrachloroethane	45	5	50	0	90.0	75.7	125	45.5	1	22.6	
Chlorobenzene	42.6	5	50	0	85.3	73.7	120	43.2	1.2	23.1	
Ethylbenzene	44.5	2.5	50	0	89.0	70.3	122	44.3	0.43	25.3	
m,p-Xylene	43.2	2.5	50	0	86.4	52.9	136	43.9	1.6	26.6	
Bromoform	43.9	5	50	0	87.9	61.5	141	44.7	1.6	25	
Xylenes, Total	87.5	2.5	100	0	87.4	61	131	89	1.8	25.6	
Styrene	46.2	5	50	0	92.4	74	130	44.9	2.9	26	
o-Xylene	44.2	2.5	50	0	88.5	67.3	129	45.1	2	25	
1,1,2,2-Tetrachloroethane	52.4	5	50	0	105	62.4	153	55	4.8	24.6	
1,2,3-Trichloropropane	92.9	10	100	0	92.9	37.4	171	93.2	0.4	50	
Isopropylbenzene	45.4	5	50	0	90.8	63	132	46.5	2.4	33.1	
Bromobenzene	43	5	50	0	86.0	65.1	120	43.7	1.6	23.6	
n-Propylbenzene	45.3	5	50	0	90.7	58.2	128	45.6	0.64	32.4	
4-Chlorotoluene	43.3	5	50	0	86.6	63.9	127	44.7	3.2	29.1	
2-Chlorotoluene	44.4	5	50	0	88.8	63.2	126	45	1.3	28.9	
1,3,5-Trimethylbenzene	47.6	5	50	0	95.2	63.8	138	48.9	2.6	31.9	
tert-Butylbenzene	47.2	5	50	0	94.4	59.7	128	48.3	2.3	36.2	
1,2,4-Trimethylbenzene	47.7	5	50	0	95.5	65.1	135	48.5	1.6	28.8	
sec-Butylbenzene	45.1	5	50	0	90.2	55.5	128	45.6	1.2	40.9	
1,3-Dichlorobenzene	43.6	5	50	0	87.1	64.5	122	44.1	1.3	28.6	
1,4-Dichlorobenzene	44.2	5	50	0	88.4	63.7	121	44.2	0.09	27.7	
4-Isopropyltoluene	47.2	5	50	0	94.4	58	135	48.2	2.2	40.4	
1,2-Dichlorobenzene	42.5	5	50	0	85.0	66.7	122	44.2	4	24.5	
n-Butylbenzene	45.8	5	50	0	91.6	52.7	139	46.6	1.7	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	252	15	250	0	101	59.1	143	266	5.5	24.9	
1,2,4-Trichlorobenzene	42.2	10	50	0	84.4	47.1	139	43	1.8	35	
Naphthalene	42.7	10	50	0	85.4	31.6	164	42.9	0.54	50	
1,2,3-Trichlorobenzene	41.3	10	50	0	82.7	17.7	171	42.1	1.9	57	
Surr: 1,2-Dichloroethane-d4	52.4		50		105	69.51	130.49	51.9	0	0	
Surr: Toluene-d8	47.7		50		95.5	69.51	130.49	46.9	0	0	
Surr: 4-Bromofluorobenzene	48		50		96.0	69.51	130.49	47.7	0	0	

Sample ID: 2011013-03AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299660	
Analysis Date: 11/16/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011050

17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011013-03AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299660	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	31.6	5	50	0	63.3	5.1	155				
Chloromethane	34.8	10	50	0	69.7	37.7	121				
Vinyl chloride	38.2	5	50	0	76.4	60.4	140				
Chloroethane	36.1	5	50	0	72.2	43.1	206				
Bromomethane	35.1	10	50	0	70.3	12.6	168				
Trichlorofluoromethane	45.3	5	50	0	90.6	58.6	163				
Acetone	946	50	1000	0	94.6	37.3	152				
1,1-Dichloroethene	41.3	5	50	0	82.6	69.8	158				
Tertiary Butyl Alcohol (TBA)	510	50	500	0	102	60.4	158				
Dichloromethane	45.1	10	50	0	90.1	71.7	132				
Freon-113	43.8	5	50	0	87.6	52.1	166				
trans-1,2-Dichloroethene	42	5	50	0	84.0	72	136				
Methyl tert-butyl ether (MTBE)	47.4	2.5	50	0	94.8	54.8	155				
1,1-Dichloroethane	43.3	5	50	0	86.7	76.9	140				
2-Butanone (MEK)	1010	50	1000	0	101	73.7	142				
Di-isopropyl Ether (DIPE)	45.9	5	50	0	91.7	74.8	136				
cis-1,2-Dichloroethene	42.4	5	50	0	84.8	73.9	133				
Bromochloromethane	43.7	5	50	0	87.5	75.8	132				
Chloroform	44.3	5	50	0.53	87.5	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	45.5	5	50	0	91.1	74.8	138				
2,2-Dichloropropane	38.4	5	50	0	76.8	53.9	146				
1,2-Dichloroethane	44.9	5	50	0	89.7	72.6	144				
1,1,1-Trichloroethane	44.9	5	50	0	89.8	70.2	138				
1,1-Dichloropropene	45.7	5	50	0	91.4	69.7	146				
Carbon tetrachloride	46.4	5	50	0	92.8	58.2	141				
Benzene	43.6	2.5	50	0	87.3	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	48.7	5	50	0	97.3	72.3	144				
Dibromomethane	47.3	5	50	0	94.6	75.2	144				
1,2-Dichloropropane	44.5	5	50	0	88.9	75.3	144				
Trichloroethene	39.5	5	50	0	79.0	65.7	131				
Bromodichloromethane	49	5	50	0	98.1	70.2	141				
4-Methyl-2-pentanone (MIBK)	121	12.5	125	0	97.0	57.9	143				
cis-1,3-Dichloropropene	40.4	5	50	0	80.9	56.9	132				
trans-1,3-Dichloropropene	44	5	50	0	88.0	72	131				
1,1,2-Trichloroethane	46.6	5	50	0	93.1	74	130				
Toluene	40.8	2.5	50	0	81.5	67.2	131				
1,3-Dichloropropane	43.4	5	50	0	86.7	74.2	124				
2-Hexanone	541	25	500	0	108	66.7	135				
Dibromochloromethane	44.9	5	50	0	89.8	71.5	134				
1,2-Dibromoethane (EDB)	91.1	10	100	0	91.1	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2011050
 17-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011013-03AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11864	TestNo: SW8260C	
Prep Date: 11/16/2020	RunNo: 10471	SeqNo: 299660	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	41.6	5	50	0	83.2	45.9	138				
1,1,1,2-Tetrachloroethane	45.5	5	50	0	90.9	75.7	125				
Chlorobenzene	43.2	5	50	0	86.3	73.7	120				
Ethylbenzene	44.3	2.5	50	0	88.6	70.3	122				
m,p-Xylene	43.9	2.5	50	0	87.8	52.9	136				
Bromoform	44.7	5	50	0	89.3	61.5	141				
Xylenes, Total	89	2.5	100	0	89.0	61	131				
Styrene	44.9	5	50	0	89.8	74	130				
o-Xylene	45.1	2.5	50	0	90.3	67.3	129				
1,1,2,2-Tetrachloroethane	55	5	50	0	110	62.4	153				
1,2,3-Trichloropropane	93.2	10	100	0	93.2	37.4	171				
Isopropylbenzene	46.5	5	50	0	93.0	63	132				
Bromobenzene	43.7	5	50	0	87.4	65.1	120				
n-Propylbenzene	45.6	5	50	0	91.3	58.2	128				
4-Chlorotoluene	44.7	5	50	0	89.4	63.9	127				
2-Chlorotoluene	45	5	50	0	90.0	63.2	126				
1,3,5-Trimethylbenzene	48.9	5	50	0	97.8	63.8	138				
tert-Butylbenzene	48.3	5	50	0	96.6	59.7	128				
1,2,4-Trimethylbenzene	48.5	5	50	0	97.0	65.1	135				
sec-Butylbenzene	45.6	5	50	0	91.3	55.5	128				
1,3-Dichlorobenzene	44.1	5	50	0	88.3	64.5	122				
1,4-Dichlorobenzene	44.2	5	50	0	88.4	63.7	121				
4-Isopropyltoluene	48.2	5	50	0	96.5	58	135				
1,2-Dichlorobenzene	44.2	5	50	0	88.5	66.7	122				
n-Butylbenzene	46.6	5	50	0	93.2	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	266	15	250	0	106	59.1	143				
1,2,4-Trichlorobenzene	43	10	50	0	85.9	47.1	139				
Naphthalene	42.9	10	50	0	85.9	31.6	164				
1,2,3-Trichlorobenzene	42.1	10	50	0	84.3	17.7	171				
Surr: 1,2-Dichloroethane-d4	51.9		50		104	69.51	130.49				
Surr: Toluene-d8	46.9		50		93.8	69.51	130.49				
Surr: 4-Bromofluorobenzene	47.7		50		95.4	69.51	130.49				

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



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Definition Only

WO#: 2011050
Date: 11/17/2020

Definitions:

ND = Not Detected

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

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

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

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

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

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

O = Reporting Limits were increased due to sample foaming.

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

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

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

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

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

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

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

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Benny Pataray
 Danny Hill
 Eric Davis
 Malcolm Thomas
 Malcom 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: CHH2011050
 Report Due By: 17-Nov-20
 EDD Required: YES

Report Attention: Eric Davis

Client:


CH2M Hill
 1000 Wilshire Boulevard
 Los Angeles, CA 90017

TEL: 2132288271
 FAX: 7144242135
 ProjectNo: DFSP Norwalk

Date Received: 06-Nov-20

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					
CHH2011050-01	EXP-1	AQ	11/4/2020 8:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-02	DUP-2	AQ	11/4/2020	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-03	GMW-39	AQ	11/4/2020 9:33:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-04	MW-8	AQ	11/4/2020 10:11:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-05	GMW-SF-8	AQ	11/4/2020 10:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-06	GMW-SF-7	AQ	11/4/2020 11:23:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-07	GMW-38	AQ	11/4/2020 12:09:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-08	EXP-3	AQ	11/4/2020 1:11:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-09	GMW-37	AQ	11/4/2020 1:59:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011050-10	GMW-13	AQ	11/4/2020 2:51:00 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. AMENDED 11/17/20 to change sample ID's for samples -12 though -19 due to login error. DN

	Signature	Print Name	Company	Date/Time
Logged in by:		Daija Nordyke	Alpha Analytical, Inc.	11.17.20 12:57

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.

AMENDED

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles Alpha Sub	TAT	Requested Tests			Sample Remarks
						TPHE_W	TPHP_W	VOC_W	
CHH2011050-11	EXP-5	AQ	11/4/2020 9:42:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-12	GMW-O-1	AQ	11/4/2020 12:57:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-13	GMW-O-2	AQ	11/4/2020 12:06:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-14	GMW-O-3	AQ	11/4/2020 11:12:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-15	GMW-O-4	AQ	11/4/2020 10:40:00 AM	5	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-16	GMW-O-5	AQ	11/4/2020 10:00:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-17	GMW-O-9	AQ	11/4/2020 3:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	1 broken voo received.
CHH2011050-18	GMW-O-10	AQ	11/4/2020 2:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-19	GMW-O-17	AQ	11/4/2020 9:20:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-20	TB-2	AQ	11/4/2020 7:00:00 AM	2	0	7		A - TPHE(0.05) +Vinyl acetate	Client provided TB
CHH2011050-21	EB-3	AQ	11/4/2020 3:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-22	EB-4	AQ	11/4/2020 3:10:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-23	EB-1	AQ	11/3/2020 3:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-24	EB-2	AQ	11/3/2020 3:25:00 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. AMENDED 11/17/20 to change sample ID's for samples -12 through -19 due to login error. DN

Logged in by:  Signature **Daija Nordylle** Print Name
 Company **Alpha Analytical, Inc.** Date/Time **11.17.20 12:57**

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

Report CC's Benny Pataray
 Danny Hill
 Eric Davis
 Malcolm Thomas
 Malcom 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: CHH2011050
 Report Due By: 17-Nov-20
 EDD Required: YES

Report Attention: Eric Davis


Client:
 CH2M Hill
 1000 Wilshire Boulevard
 Los Angeles, CA 90017

TEL: 2132288271
 FAX: 7144242135
 ProjectNo: DFSP Norwalk

Date Received: 06-Nov-20

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	
CHH2011050-01	EXP-1	AQ	11/4/2020 8:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-02	DUP-2	AQ	11/4/2020	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-03	GMW-39	AQ	11/4/2020 9:33:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-04	MW-8	AQ	11/4/2020 10:11:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-05	GMW-SF-8	AQ	11/4/2020 10:52:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-06	GMW-SF-7	AQ	11/4/2020 11:23:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-07	GMW-38	AQ	11/4/2020 12:09:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-08	EXP-3	AQ	11/4/2020 1:11:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-09	GMW-37	AQ	11/4/2020 1:59:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011050-10	GMW-13	AQ	11/4/2020 2:51:00 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.

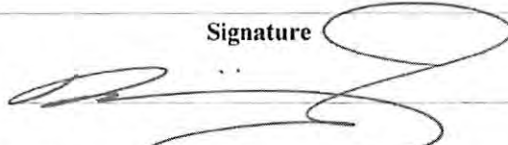
Signature	Print Name	Company	Date/Time
	Daija Nordyke	Alpha Analytical, Inc.	11.6.20 11:10

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			TPHE_W	TPHP_W	VOC_W	Requested Tests	Sample Remarks
				Alpha	Sub	TAT					
CHH2011050-11	EXP-5	AQ	11/4/2020 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		
CHH2011050-12	GMW-0-1	AQ	11/4/2020 12:57:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-13	GMW-0-2	AQ	11/4/2020 12:06:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-14	GMW-0-3	AQ	11/4/2020 11:12:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-15	GMW-0-4	AQ	11/4/2020 10:40:00 AM	5	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		1 broken voa received
CHH2011050-16	GMW-0-5	AQ	11/4/2020 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		
CHH2011050-17	GMW-0-9	AQ	11/4/2020 3:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-18	GMW-0-10	AQ	11/4/2020 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		
CHH2011050-19	GMW-0-17	AQ	11/4/2020 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		
CHH2011050-20	TB-2	AQ	11/4/2020 7:00:00 AM	2	0	7			A - TPHE(0.05) +Vinyl acetate		Client provided TB
CHH2011050-21	EB-3	AQ	11/4/2020 3:00:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-22	EB-4	AQ	11/4/2020 3:10:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-23	EB-1	AQ	11/3/2020 3:20:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate		
CHH2011050-24	EB-2	AQ	11/3/2020 3:25:00 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 <u>Darja Nordyke</u>	Company <u>Alpha Analytical, Inc.</u>	Date/Time <u>11.6.20 11:10</u>
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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 / 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 #
			AQ= Water	#	Preservation	Type											
EXP-1	11.4.20	0852	AQ	6	HCL	VOAS	X	X									CHH2011050
DUP-2							X	X									01
Gmw-39		0933					X	X									02
MW-8		1011					X	X									03
Gmw-SF-9		1052					X	X									04
Gmw-SF-7		1123					X	X									05
Gmw-38		1209					X	X									06
EXP-3		1311					X	X									07
Gmw-37		1359					X	X									08
Gmw-13		1451					X	X									09
							X	X									10

SAMPLING COMPLETED DATE 11.4.20 TIME 1500 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

RELEASED BY  TIME 1540 RECEIVED BY Nicole DATE 11/5/20 TIME 1530

RELEASED BY Nicole TIME 1600 RECEIVED BY FEDEX DATE 11/5/20 TIME 1600

RELEASED BY  TIME TIME RECEIVED BY DATE 11.6.20 TIME 11:16

SHIPPED VIA TIME SENT COOLER # Page 80 of 82

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 AQ= Water	CONTAINERS			TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)							ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
				#	Preservation	Type												
EXP-5	11-4-20	0842	AQ	6	HCL	VA	X	X										CHH2D11050-11
GMW-0-1	11-4-20	1257	AQ	6	HCL	VA	X	X										12
GMW-0-2	11-4-20	1206	AQ	6	HCL	VA	X	X										13
GMW-0-3	11-4-20	1112	AQ	6	HCL	VA	X	X										14
GMW-0-4	11-4-20	1040	AQ	6	HCL	VA	X	X										15
GMW-0-5	11-4-20	1000	AQ	6	HCL	VA	X	X										16
GMW-0-9	11-4-20	1500	AQ	6	HCL	VA	X	X										17
GMW-0-10	11-4-20	1420	AQ	6	HCL	VA	X	X										18
GMW-0-17	11-4-20	0920	AQ	6	HCL	VA	X	X										19
TB-2	11-4-20	0700	AQ	2	HCL	VA		X										20

SAMPLING COMPLETED DATE 11-4-20 TIME 1530 SAMPLING PERFORMED BY *garrett graves* RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1530 RECEIVED BY *Nicole* DATE 11/5/20 TIME 1530

RELEASED BY *Nicole* TIME 1600 RECEIVED BY *Fedex* DATE 11/5/20 TIME 1600

RELEASED BY *[Signature]* TIME 1600 RECEIVED BY *[Signature]* DATE 11-6-20 TIME 11:16

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 B 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		CONTAINERS		TPHg, TPHd (EPA 8015M)	VOC's & Oxygenates (EPA 8260B)						ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
			AQ= Water	#	Preservation	Type											
EB-3	11.4.20	1500	AR	6	HCL	Voas	X	X									CAH201050 21
EB-4	11.4.20	1510					X	X									22
EB-1	11.3.20	1520					X	X									23
EB-2	11.3.20	1525					X	X									24

SAMPLING COMPLETED: 11.4.20 1530
 SAMPLING PERFORMED BY: Kevin Thompson
 RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] TIME: 1530 RECEIVED BY: Nicole DATE: 11/5/20 TIME: 1530

RELEASED BY: Nicole TIME: 1600 RECEIVED BY: FEDEX DATE: 11/5/20 TIME: 1600

RELEASED BY: [Signature] TIME: [] RECEIVED BY: [Signature] DATE: 11.6.20 TIME: 11:16

SHIPPED VIA: [] TIME SENT: [] COOLER #: 7920 0123 4535



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, 2020

Eric Davis

1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL:
FAX:

RE: DFSP Norwalk

Dear Eric Davis:

Order No.: CHH2011064

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 Manager
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#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 8:54:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-01

Matrix: AQUEOUS

Client Sample ID: MW-18(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.26	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	104	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	19	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	2.9	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	1.0	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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

Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 8:54:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-01

Matrix: AQUEOUS

Client Sample ID: MW-18(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	88	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 9:49:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-02

Matrix: AQUEOUS

Client Sample ID: GMW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 9:49:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-02

Matrix: AQUEOUS

Client Sample ID: GMW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 10:33:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-03

Matrix: AQUEOUS

Client Sample ID: MW-SF-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.16	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	33	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	8.9	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 10:33:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-03

Matrix: AQUEOUS

Client Sample ID: MW-SF-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 11:23:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-04

Matrix: AQUEOUS

Client Sample ID: MW-SF-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.58	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064
 Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 11:23:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-04

Matrix: AQUEOUS

Client Sample ID: MW-SF-1

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/18/2020	VOCs by EPA 8260

NOTES:

Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 12:11:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-05

Matrix: AQUEOUS

Client Sample ID: MW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.36	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.59	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 12:11:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-05

Matrix: AQUEOUS

Client Sample ID: MW-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	11/18/2020	VOCs by EPA 8260

NOTES:

Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020

Project: DFSP Norwalk

Lab ID: 2011064-06

Matrix: AQUEOUS

Client Sample ID: DUP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.35	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	89	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.61	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020

Project: DFSP Norwalk

Lab ID: 2011064-06

Matrix: AQUEOUS

Client Sample ID: DUP-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 1:06:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-07

Matrix: AQUEOUS

Client Sample ID: MW-SF-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.58	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.10	O	mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	28	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.75	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	26	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064
 Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 1:06:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-07

Matrix: AQUEOUS

Client Sample ID: MW-SF-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 2:31:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-08

Matrix: AQUEOUS

Client Sample ID: GMW-O-23

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.55	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	109	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.10	0.10		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	75	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	2.4	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	33	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 2:31:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-08

Matrix: AQUEOUS

Client Sample ID: GMW-O-23

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

Some Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 2:47:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-09

Matrix: AQUEOUS

Client Sample ID: EB-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/16/2020	TPH-E by EPA 8015C
Surr: Nonane	111	63-125		%Rec	11/16/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	16	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 2:47:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-09

Matrix: AQUEOUS

Client Sample ID: EB-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-10

Matrix: AQUEOUS

Client Sample ID: TB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-10

Matrix: AQUEOUS

Client Sample ID: TB-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 8:50:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-11

Matrix: AQUEOUS

Client Sample ID: PZ-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.32	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.1	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 8:50:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-11

Matrix: AQUEOUS

Client Sample ID: PZ-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	94	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 12:16:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-12

Matrix: AQUEOUS

Client Sample ID: PZ-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.33	0.050	K	mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.70	0.10		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	104	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	25,000	200	*	µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	190	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	1.0	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 12:16:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-12

Matrix: AQUEOUS

Client Sample ID: PZ-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	3.8	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	14	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	11	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	4.2	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	1.1	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	104	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	95	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

*This analyte was analyzed separately in order to achieve lower reporting limits for the other analytes.
 Reporting Limits were increased due to high concentrations of target analytes.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 10:30:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-13

Matrix: AQUEOUS

Client Sample ID: MW-SF-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.0	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	96	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 10:30:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-13

Matrix: AQUEOUS

Client Sample ID: MW-SF-13

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 2:42:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-14

Matrix: AQUEOUS

Client Sample ID: GMW-O-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	5.6	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	117	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	1.0	O	mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	1,000		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	40		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 2:42:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-14

Matrix: AQUEOUS

Client Sample ID: GMW-O-15

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	60		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

Reporting Limits were increased due to sample foaming.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 1:45:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-15

Matrix: AQUEOUS

Client Sample ID: GMW-O-18

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	4.7	0.050	K	mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	111	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	9.7	1.0		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	86	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	430	100		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	1,000		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	14	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	9.4	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	40		µg/L	11/19/2020	VOCs by EPA 8260



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WO#: CHH2011064

Report Date: 11/20/2020

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Project: DFSP Norwalk

Lab ID: 2011064-15

Matrix: AQUEOUS

Client Sample ID: GMW-O-18

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	210	5.0		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	15	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	21	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	5.6	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	12	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	40	10		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	930	10		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	60		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	150	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	86	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

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



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Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 9:40:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-16

Matrix: AQUEOUS

Client Sample ID: GMW-25

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.42	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	110	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	103	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Project: DFSP Norwalk

Lab ID: 2011064-16

Matrix: AQUEOUS

Client Sample ID: GMW-25

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	103	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 11:06:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-17

Matrix: AQUEOUS

Client Sample ID: GMW-30

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	1.1	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	119	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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CLIENT:

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Project: DFSP Norwalk

Lab ID: 2011064-17

Matrix: AQUEOUS

Client Sample ID: GMW-30

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020

Project: DFSP Norwalk

Lab ID: 2011064-18

Matrix: AQUEOUS

Client Sample ID: DUP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.32	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/20/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/20/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/20/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/20/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/20/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/20/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/20/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/20/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.4	0.50		µg/L	11/20/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/20/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/20/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/20/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020

Project: DFSP Norwalk

Lab ID: 2011064-18

Matrix: AQUEOUS

Client Sample ID: DUP-4

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/20/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/20/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/20/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/20/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/20/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/20/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/20/2020	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/20/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/20/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020

Project: DFSP Norwalk

Lab ID: 2011064-19

Matrix: AQUEOUS

Client Sample ID: DUP-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.34	0.050	K	mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.70	0.10		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	22,000	200	*	µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	210	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	1.0	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020

Project: DFSP Norwalk

Lab ID: 2011064-19

Matrix: AQUEOUS

Client Sample ID: DUP-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	4.7	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	15	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	10	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	4.3	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	1.1	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	6.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	4.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

*This analyte was analyzed separately in order to achieve lower reporting limits for the other analytes.
 Reporting Limits were increased due to high concentrations of target analytes.



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 3:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-20

Matrix: AQUEOUS

Client Sample ID: EB-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	110	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	101	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/6/2020 3:00:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-20

Matrix: AQUEOUS

Client Sample ID: EB-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	101	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 9:10:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-21

Matrix: AQUEOUS

Client Sample ID: HL-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	94	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	88	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 9:10:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-21

Matrix: AQUEOUS

Client Sample ID: HL-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	88	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 9:56:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-22

Matrix: AQUEOUS

Client Sample ID: PW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 9:56:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-22

Matrix: AQUEOUS

Client Sample ID: PW-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 10:45:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-23

Matrix: AQUEOUS

Client Sample ID: GMW-26

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	79	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	90	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 10:45:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-23

Matrix: AQUEOUS

Client Sample ID: GMW-26

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	90	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 11:27:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-24

Matrix: AQUEOUS

Client Sample ID: MW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.083	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 11:27:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-24

Matrix: AQUEOUS

Client Sample ID: MW-12

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-25

Matrix: AQUEOUS

Client Sample ID: GMW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.10	0.050	L	mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	88	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-25

Matrix: AQUEOUS

Client Sample ID: GMW-8

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	93	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	114	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 2:08:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-26

Matrix: AQUEOUS

Client Sample ID: MW-20(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	5.5	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	1.8	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	2.5	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 2:08:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-26

Matrix: AQUEOUS

Client Sample ID: MW-20(MID)

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	91	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 2:56:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-27

Matrix: AQUEOUS

Client Sample ID: MW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	117	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	87	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.51	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	1.6	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 2:56:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-27

Matrix: AQUEOUS

Client Sample ID: MW-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	87	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 3:10:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-28

Matrix: AQUEOUS

Client Sample ID: EB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	90	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 3:10:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-28

Matrix: AQUEOUS

Client Sample ID: EB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	90	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 12:57:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-29

Matrix: AQUEOUS

Client Sample ID: EXP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	97	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	88	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	0.54	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 12:57:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-29

Matrix: AQUEOUS

Client Sample ID: EXP-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	88	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	109	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 8:46:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-30

Matrix: AQUEOUS

Client Sample ID: GWR-1R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	78	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	88	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	1.0	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 8:46:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-30

Matrix: AQUEOUS

Client Sample ID: GWR-1R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	88	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020

Project: DFSP Norwalk

Lab ID: 2011064-31

Matrix: AQUEOUS

Client Sample ID: DUP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/17/2020	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	11/17/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	90	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	0.98	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020

Project: DFSP Norwalk

Lab ID: 2011064-31

Matrix: AQUEOUS

Client Sample ID: DUP-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	90	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 9:50:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-32

Matrix: AQUEOUS

Client Sample ID: GMW-28

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.15	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	92	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	31	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	2.5	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 9:50:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-32

Matrix: AQUEOUS

Client Sample ID: GMW-28

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	109	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	92	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 10:41:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-33

Matrix: AQUEOUS

Client Sample ID: MW-15R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.22	0.050	K	mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	103	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.13	0.050		mg/L	11/18/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	93	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/18/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/18/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 10:41:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-33

Matrix: AQUEOUS

Client Sample ID: MW-15R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/18/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/18/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/18/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/18/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	98	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: Toluene-d8	93	70-130		%Rec	11/18/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/18/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 11:26:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-34

Matrix: AQUEOUS

Client Sample ID: GMW-14R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	93	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	97	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 11:26:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-34

Matrix: AQUEOUS

Client Sample ID: GMW-14R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	91	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	97	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 12:09:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-35

Matrix: AQUEOUS

Client Sample ID: GMW-4R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.058	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	105	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	95	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 12:09:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-35

Matrix: AQUEOUS

Client Sample ID: GMW-4R

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	95	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 1:02:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-36

Matrix: AQUEOUS

Client Sample ID: GMW-O-19

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	77	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	95	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 1:02:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-36

Matrix: AQUEOUS

Client Sample ID: GMW-O-19

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	95	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 1:55:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-37

Matrix: AQUEOUS

Client Sample ID: GMW-O-16

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.16	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	101	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.32	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	94	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	1.3	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	0.93	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 1:55:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-37

Matrix: AQUEOUS

Client Sample ID: GMW-O-16

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	1.2	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	36	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	84	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	47	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	9.4	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	13	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	94	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 2:38:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-38

Matrix: AQUEOUS

Client Sample ID: EB-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	98	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	93	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 2:38:00 PM

Project: DFSP Norwalk

Lab ID: 2011064-38

Matrix: AQUEOUS

Client Sample ID: EB-5

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	92	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	93	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-39

Matrix: AQUEOUS

Client Sample ID: TB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011064
 Report Date: 11/20/2020

CLIENT:

Collection Date: 11/5/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011064-39

Matrix: AQUEOUS

Client Sample ID: TB-3

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	94	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	116	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-11863	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 11863	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 299993	
Analysis Date: 11/16/2020			

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	0.15		0.15		100	63	125				

Sample ID: LCS-11863	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 11863	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 299994	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.83	0.05	2.5	0	113	89.6	123				
Surr: Nonane	0.151		0.15		101	60	129				

Sample ID: 2011064-02AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: GMW-9MSD	Batch ID: 11863	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 299998	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.16	0.1	2.5	0.043	125	79	140	3.15	0.41	8	
Surr: Nonane	0.344		0.3		115	68.8	128	0.332	0	0	

Sample ID: 2011064-02AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: GMW-9MS	Batch ID: 11863	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 299997	
Analysis Date: 11/16/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.15	0.1	2.5	0.043	124	79	140				
Surr: Nonane	0.332		0.3		111	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-11865	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 11865	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 300017	
Analysis Date: 11/17/2020			

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		85.3	63	125				

Sample ID: LCS-11865	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 11865	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 300018	
Analysis Date: 11/17/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.75	0.05	2.5	0	110	89.6	123				
Surr: Nonane	0.128		0.15		85.3	60	129				

Sample ID: 2011064-24AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: MW-12MSD	Batch ID: 11865	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 300023	
Analysis Date: 11/17/2020			

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	0.083	115	79	140	3.2	8.2	8	R
Surr: Nonane	0.257		0.3		85.7	68.8	128	0.291	0	0	

Sample ID: 2011064-24AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: MW-12MS	Batch ID: 11865	TestNo: SW8015	SW8015
Prep Date: 11/16/2020	RunNo: 10488	SeqNo: 300022	
Analysis Date: 11/17/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.2	0.1	2.5	0.083	125	79	140				
Surr: Nonane	0.291		0.3		97.0	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-11890	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L
Client ID: PBW	Batch ID: A11890B	TestNo: SW8015	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300373	
Analysis Date: 11/18/2020			

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		96.0	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		104	69.51	130.49				

Sample ID: GLCS-11890	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L
Client ID: BatchQC	Batch ID: A11890B	TestNo: SW8015	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300372	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.416	0.05	0.4	0	104	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.0098		0.01		98.0	69.51	130.49				
Surr: Toluene-d8	0.0102		0.01		102	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00968		0.01		96.8	69.51	130.49				

Sample ID: 2011064-01AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L
Client ID: MW-18(MID)	Batch ID: A11890B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10497	SeqNo: 300371	
Analysis Date: 11/19/2020			

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	106	60	125	2.09	1.9	28	
Surr: 1,2-Dichloroethane-d4	0.0497		0.05		99.4	69.51	130.49	0.0495	0	0	
Surr: Toluene-d8	0.0498		0.05		99.5	69.51	130.49	0.0486	0	0	
Surr: 4-Bromofluorobenzene	0.0475		0.05		95.0	69.51	130.49	0.0478	0	0	

Sample ID: 2011064-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: MW-18(MID)	Batch ID: A11890B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10497	SeqNo: 300370	
Analysis Date: 11/19/2020			

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	105	60	125				
Surr: 1,2-Dichloroethane-d4	0.0495		0.05		99.0	69.51	130.49				
Surr: Toluene-d8	0.0486		0.05		97.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0478		0.05		95.7	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: **2011064**
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011064-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: MW-18(MID)	Batch ID: A11890B	TestNo: SW8015									
Prep Date: 11/19/2020	RunNo: 10497	SeqNo: 300370									
Analysis Date: 11/19/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: MB-11891	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L								
Client ID: PBW	Batch ID: A11891B	TestNo: SW8015									
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300531									
Analysis Date: 11/19/2020											
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	0.01		0.01		100	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		101	69.51	130.49				

Sample ID: GLCS-11891	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L								
Client ID: BatchQC	Batch ID: A11891B	TestNo: SW8015									
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300530									
Analysis Date: 11/19/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	0.401	0.05	0.4	0	100	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.0101		0.01		101	69.51	130.49				
Surr: Toluene-d8	0.00995		0.01		99.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00962		0.01		96.2	69.51	130.49				

Sample ID: 2011064-09AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-7	Batch ID: A11891B	TestNo: SW8015									
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300701									
Analysis Date: 11/20/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	1.92	0.25	2	0	96.1	60	125	1.87	2.7	28	
Surr: 1,2-Dichloroethane-d4	0.0481		0.05		96.2	69.51	130.49	0.0482	0	0	
Surr: Toluene-d8	0.0505		0.05		101	69.51	130.49	0.0497	0	0	
Surr: 4-Bromofluorobenzene	0.0501		0.05		100	69.51	130.49	0.0501	0	0	

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



Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011064-09AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-7	Batch ID: A11891B	TestNo: SW8015	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300700	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.87	0.25	2	0	93.5	60	125				
Surr: 1,2-Dichloroethane-d4	0.0482		0.05		96.3	69.51	130.49				
Surr: Toluene-d8	0.0497		0.05		99.4	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0501		0.05		100	69.51	130.49				

Sample ID: MB-11892	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L
Client ID: PBW	Batch ID: A11892B	TestNo: SW8015	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300267	
Analysis Date: 11/18/2020			

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	0.0089		0.01		88.6	69.51	130.49				
Surr: Toluene-d8	0.0094		0.01		93.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		105	69.51	130.49				

Sample ID: GLCS-11892	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L
Client ID: BatchQC	Batch ID: A11892B	TestNo: SW8015	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300266	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.487	0.05	0.4	0	122	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00871		0.01		87.1	69.51	130.49				
Surr: Toluene-d8	0.00993		0.01		99.3	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.00988		0.01		98.8	69.51	130.49				

Sample ID: 2011064-38AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-5	Batch ID: A11892B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300287	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.68	0.25	2	0	134	60	125	2.33	14	28	S
Surr: 1,2-Dichloroethane-d4	0.0466		0.05		93.3	69.51	130.49	0.0464	0	0	
Surr: Toluene-d8	0.0464		0.05		92.8	69.51	130.49	0.0477	0	0	
Surr: 4-Bromofluorobenzene	0.0503		0.05		101	69.51	130.49	0.0525	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 limit



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 Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: **2011064**
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011064-38AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A11892B	TestNo: SW8015									
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300287									
Analysis Date: 11/19/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID: 2011064-38AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-5	Batch ID: A11892B	TestNo: SW8015									
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300286									
Analysis Date: 11/19/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.33	0.25	2	0	116	60	125				
Surr: 1,2-Dichloroethane-d4	0.0464		0.05		92.9	69.51	130.49				
Surr: Toluene-d8	0.0477		0.05		95.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0525		0.05		105	69.51	130.49				

- Qualifiers:**
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11890	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300328	
Analysis Date: 11/18/2020			

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

Qualifiers:
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 R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11890	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300328	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
1,1,1,2-Tetrachloroethane	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
Xylenes, Total	ND	0.5									
Styrene	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,2,3-Trichloropropane	ND	2									
Isopropylbenzene	ND	1									
Bromobenzene	ND	1									
n-Propylbenzene	ND	1									
4-Chlorotoluene	ND	1									
2-Chlorotoluene	ND	1									
1,3,5-Trimethylbenzene	ND	1									
tert-Butylbenzene	ND	1									
1,2,4-Trimethylbenzene	ND	1									
sec-Butylbenzene	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
4-Isopropyltoluene	ND	1									
1,2-Dichlorobenzene	ND	1									
n-Butylbenzene	ND	1									
1,2-Dibromo-3-chloropropane (DBCP)	ND	3									
1,2,4-Trichlorobenzene	ND	2									
Naphthalene	ND	2									
1,2,3-Trichlorobenzene	ND	2									
Surr: 1,2-Dichloroethane-d4	9.6		10		96.0	69.51	130.49				
Surr: Toluene-d8	10		10		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		104	69.51	130.49				

Qualifiers:
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11890	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300327	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	6.02	1	10	0	60.2	16.9	124				
Chloromethane	7.35	2	10	0	73.5	25.9	136				
Vinyl chloride	7.59	1	10	0	75.9	47.8	132				
Chloroethane	7.78	1	10	0	77.8	62.3	169				
Bromomethane	10.1	2	10	0	101	33.8	135				
Trichlorofluoromethane	9.99	1	10	0	99.9	16.8	155				
Acetone	162	10	200	0	80.9	72	124				
1,1-Dichloroethene	8.37	1	10	0	83.7	65.2	129				
Tertiary Butyl Alcohol (TBA)	79.8	10	100	0	79.8	52.9	128.4				
Dichloromethane	9	2	10	0	90.0	65.2	129				
Freon-113	9.7	1	10	0	97.0	52.4	143				
trans-1,2-Dichloroethene	9.29	1	10	0	92.9	66.7	132				
Methyl tert-butyl ether (MTBE)	9.17	0.5	10	0	91.7	52.9	125				
1,1-Dichloroethane	9.28	1	10	0	92.8	66.6	129				
2-Butanone (MEK)	178	10	200	0	88.8	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.21	1	10	0	92.1	63.6	131				
cis-1,2-Dichloroethene	8.95	1	10	0	89.5	59.2	131				
Bromochloromethane	9.64	1	10	0	96.4	65.9	121				
Chloroform	9.6	1	10	0	96.0	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.29	1	10	0	92.9	44.6	136				
2,2-Dichloropropane	10.8	1	10	0	108	58.2	146				
1,2-Dichloroethane	9.09	1	10	0	90.9	73.4	120.4				
1,1,1-Trichloroethane	10	1	10	0	100	52.7	144				
1,1-Dichloropropene	9.93	1	10	0	99.3	85.6	131				
Carbon tetrachloride	10.3	1	10	0	103	30.9	175				
Benzene	9.25	0.5	10	0	92.5	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.17	1	10	0	91.7	52.4	141				
Dibromomethane	9.2	1	10	0	92.0	78.5	120.4				
1,2-Dichloropropane	9.05	1	10	0	90.5	79.5	126				
Trichloroethene	9.35	1	10	0	93.5	69	120.4				
Bromodichloromethane	10.3	1	10	0	103	73.9	122				
4-Methyl-2-pentanone (MIBK)	21	2.5	25	0	84.0	66.4	122				
cis-1,3-Dichloropropene	9.87	1	10	0	98.7	78.7	120.4				
trans-1,3-Dichloropropene	9.8	1	10	0	98.0	70.2	120.4				
1,1,2-Trichloroethane	9.18	1	10	0	91.8	76.2	120.4				
Toluene	8.98	0.5	10	0	89.8	79.7	126				
1,3-Dichloropropane	8.62	1	10	0	86.2	71.7	131				
2-Hexanone	90.3	5	100	0	90.3	52.9	152				
Dibromochloromethane	9.2	1	10	0	92.0	79.5	120.4				
1,2-Dibromoethane (EDB)	17.9	2	20	0	89.4	76.4	120.4				

Qualifiers:
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11890	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300327	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	9.54	1	10	0	95.4	64	123				
1,1,1,2-Tetrachloroethane	9.84	1	10	0	98.4	77.9	120.4				
Chlorobenzene	9.45	1	10	0	94.5	70.9	120.4				
Ethylbenzene	9.68	0.5	10	0	96.8	77.5	120.4				
m,p-Xylene	9.73	0.5	10	0	97.3	74.8	120.4				
Bromoform	8.78	1	10	0	87.8	51.3	120.4				
Xylenes, Total	19.4	0.5	20	0	97.2	77.6	120.4				
Styrene	10	1	10	0	100	71.9	120.4				
o-Xylene	9.71	0.5	10	0	97.1	79.1	120.4				
1,1,2,2-Tetrachloroethane	8.84	1	10	0	88.4	55.6	138				
1,2,3-Trichloropropane	17.5	2	20	0	87.6	73.4	120.4				
Isopropylbenzene	10.2	1	10	0	102	78.7	148				
Bromobenzene	9.62	1	10	0	96.2	79.5	121				
n-Propylbenzene	10.1	1	10	0	101	82.5	134				
4-Chlorotoluene	9.96	1	10	0	99.6	79.5	135				
2-Chlorotoluene	9.86	1	10	0	98.6	79.5	131				
1,3,5-Trimethylbenzene	10.6	1	10	0	106	79.5	135				
tert-Butylbenzene	10.6	1	10	0	106	79.5	139				
1,2,4-Trimethylbenzene	10.6	1	10	0	106	79.5	138				
sec-Butylbenzene	10.2	1	10	0	102	79.5	132				
1,3-Dichlorobenzene	9.54	1	10	0	95.4	79.5	125				
1,4-Dichlorobenzene	9.74	1	10	0	97.4	79.5	123				
4-Isopropyltoluene	10.6	1	10	0	106	79.5	130				
1,2-Dichlorobenzene	9.18	1	10	0	91.8	79.5	121				
n-Butylbenzene	10.6	1	10	0	106	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	45.8	3	50	0	91.6	72.1	136				
1,2,4-Trichlorobenzene	9.73	2	10	0	97.3	73.3	126				
Naphthalene	8.42	2	10	0	84.2	47.2	142				
1,2,3-Trichlorobenzene	9.25	2	10	0	92.5	67.4	130				
Surr: 1,2-Dichloroethane-d4	10		10		100	69.51	130.5				
Surr: Toluene-d8	9.91		10		99.1	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.85		10		98.5	69.51	130.5				

Sample ID: 2011064-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: MW-18(MID)MSD	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10497	SeqNo: 300369	
Analysis Date: 11/19/2020			

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 Blan
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: MW-18(MID)MSD	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10497	SeqNo: 300369	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	24.2	5	50	0	48.4	5.1	155	24.6	1.9	38	
Chloromethane	34.1	10	50	0	68.2	37.7	121	29.3	15	22.5	
Vinyl chloride	36.7	5	50	0	73.5	60.4	140	35.9	2.4	23.9	
Chloroethane	39.2	5	50	0	78.3	43.1	206	35.9	8.6	22.9	
Bromomethane	35.5	10	50	0	70.9	12.6	168	26.8	28	48	
Trichlorofluoromethane	44.2	5	50	0	88.4	58.6	163	48.4	9	33.3	
Acetone	808	50	1000	0	80.8	37.3	152	785	2.9	50	
1,1-Dichloroethene	41.7	5	50	0	83.4	69.8	158	42.5	2	21.7	
Tertiary Butyl Alcohol (TBA)	429	50	500	19.2	81.9	60.4	158	426	0.63	26.8	
Dichloromethane	43.2	10	50	0	86.4	71.7	132	43.6	0.97	20	
Freon-113	41	5	50	0	82.1	52.1	166	46.2	12	25.9	
trans-1,2-Dichloroethene	42	5	50	0	84.1	72	136	42.9	2	19.2	
Methyl tert-butyl ether (MTBE)	46.7	2.5	50	2.9	87.6	54.8	155	46.8	0.11	21.4	
1,1-Dichloroethane	43.6	5	50	0	87.2	76.9	140	45	3.2	18	
2-Butanone (MEK)	874	50	1000	0	87.4	73.7	142	856	2	20.9	
Di-isopropyl Ether (DIPE)	44.8	5	50	1.02	87.6	74.8	136	45	0.47	18.2	
cis-1,2-Dichloroethene	42.7	5	50	0	85.5	73.9	133	42.7	0.023	20.1	
Bromochloromethane	44.9	5	50	0	89.9	75.8	132	45.1	0.44	23.5	
Chloroform	44.5	5	50	0	89.1	74.3	130	46.2	3.7	18	
Ethyl Tertiary Butyl Ether (ETBE)	43.8	5	50	0	87.5	74.8	138	43.7	0.046	20.3	
2,2-Dichloropropane	38	5	50	0	76.0	53.9	146	40	5	52.3	
1,2-Dichloroethane	44.5	5	50	0	88.9	72.6	144	44.9	1.1	17.1	
1,1,1-Trichloroethane	46.8	5	50	0	93.6	70.2	138	48	2.6	22.2	
1,1-Dichloropropene	46	5	50	0	91.9	69.7	146	46.5	1.1	29.6	
Carbon tetrachloride	49.5	5	50	0	99.1	58.2	141	51	2.8	31.9	
Benzene	43	2.5	50	0	86.0	67.8	140	43.7	1.8	18.1	
Tertiary Amyl Methyl Ether (TAME)	44.7	5	50	0	89.4	72.3	144	47.1	5.3	20.6	
Dibromomethane	44.5	5	50	0	89.0	75.2	144	44.2	0.72	19.5	
1,2-Dichloropropane	43	5	50	0	85.9	75.3	144	42.1	2	19.7	
Trichloroethene	41	5	50	0	82.0	65.7	131	43	4.8	25.3	
Bromodichloromethane	47.8	5	50	0	95.5	70.2	141	48.9	2.4	20.5	
4-Methyl-2-pentanone (MIBK)	107	12.5	125	0	85.7	57.9	143	103	4.3	21.3	
cis-1,3-Dichloropropene	39.9	5	50	0	79.8	56.9	132	40.5	1.5	25.8	
trans-1,3-Dichloropropene	42.5	5	50	0	85.1	72	131	44	3.5	26.4	
1,1,2-Trichloroethane	42.6	5	50	0	85.3	74	130	44.1	3.3	21.9	
Toluene	42.2	2.5	50	0	84.5	67.2	131	41.6	1.4	18.3	
1,3-Dichloropropane	41.7	5	50	0	83.4	74.2	124	40.9	1.9	21.7	
2-Hexanone	466	25	500	0	93.3	66.7	135	441	5.6	20.9	
Dibromochloromethane	43.5	5	50	0	87.0	71.5	134	43.7	0.48	24.1	
1,2-Dibromoethane (EDB)	86.2	10	100	0	86.2	74.7	129	84.1	2.5	23.1	

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



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

QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: MW-18(MID)MSD	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10497	SeqNo: 300369	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	43.4	5	50	0	86.9	45.9	138	43.6	0.32	30.9	
1,1,1,2-Tetrachloroethane	46.7	5	50	0	93.4	75.7	125	47.9	2.5	22.6	
Chlorobenzene	45	5	50	0	89.9	73.7	120	44.9	0.16	23.1	
Ethylbenzene	45.6	2.5	50	0	91.1	70.3	122	46	0.94	25.3	
m,p-Xylene	46	2.5	50	0	92.0	52.9	136	44.6	3	26.6	
Bromoform	42.9	5	50	0	85.8	61.5	141	41.5	3.2	25	
Xylenes, Total	92.7	2.5	100	0	92.7	61	131	91.1	1.8	25.6	
Styrene	44.9	5	50	0	89.7	74	130	46.4	3.5	26	
o-Xylene	46.7	2.5	50	0	93.4	67.3	129	46.4	0.6	25	
1,1,2,2-Tetrachloroethane	49.9	5	50	0	99.8	62.4	153	49.4	1	24.6	
1,2,3-Trichloropropane	88.3	10	100	0	88.3	37.4	171	88.7	0.41	50	
Isopropylbenzene	47.5	5	50	0	95.0	63	132	48.3	1.7	33.1	
Bromobenzene	46	5	50	0	92.1	65.1	120	44.9	2.5	23.6	
n-Propylbenzene	47.1	5	50	0	94.2	58.2	128	47.3	0.4	32.4	
4-Chlorotoluene	45.9	5	50	0	91.7	63.9	127	46.1	0.44	29.1	
2-Chlorotoluene	46.3	5	50	0	92.7	63.2	126	46.9	1.1	28.9	
1,3,5-Trimethylbenzene	49.1	5	50	0	98.1	63.8	138	49.3	0.43	31.9	
tert-Butylbenzene	49.1	5	50	0	98.2	59.7	128	49.7	1.2	36.2	
1,2,4-Trimethylbenzene	48.3	5	50	0	96.6	65.1	135	49.4	2.3	28.8	
sec-Butylbenzene	46.7	5	50	0	93.5	55.5	128	47.6	1.9	40.9	
1,3-Dichlorobenzene	45.6	5	50	0	91.1	64.5	122	46.5	2	28.6	
1,4-Dichlorobenzene	46.1	5	50	0	92.2	63.7	121	46.1	0.043	27.7	
4-Isopropyltoluene	48.8	5	50	0	97.7	58	135	48.7	0.27	40.4	
1,2-Dichlorobenzene	43.5	5	50	0	87.1	66.7	122	43.5	0	24.5	
n-Butylbenzene	46.4	5	50	0	92.9	52.7	139	46.8	0.77	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	251	15	250	0	100	59.1	143	246	1.8	24.9	
1,2,4-Trichlorobenzene	44.3	10	50	0	88.6	47.1	139	44.4	0.09	35	
Naphthalene	42.7	10	50	0	85.3	31.6	164	41.7	2.3	50	
1,2,3-Trichlorobenzene	43.1	10	50	0	86.3	17.7	171	44.1	2.1	57	
Surr: 1,2-Dichloroethane-d4	50.5		50		101	69.51	130.49	51.8	0	0	
Surr: Toluene-d8	48.4		50		96.9	69.51	130.49	47.2	0	0	
Surr: 4-Bromofluorobenzene	48.1		50		96.2	69.51	130.49	47.9	0	0	

Sample ID: 2011064-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: MW-18(MID)MS	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300368	
Analysis Date: 11/18/2020			

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 limit



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: MW-18(MID)MS	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300368	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	24.6	5	50	0	49.3	5.1	155				
Chloromethane	29.3	10	50	0	58.6	37.7	121				
Vinyl chloride	35.9	5	50	0	71.7	60.4	140				
Chloroethane	35.9	5	50	0	71.9	43.1	206				
Bromomethane	26.8	10	50	0	53.6	12.6	168				
Trichlorofluoromethane	48.4	5	50	0	96.8	58.6	163				
Acetone	785	50	1000	0	78.5	37.3	152				
1,1-Dichloroethene	42.5	5	50	0	85.1	69.8	158				
Tertiary Butyl Alcohol (TBA)	426	50	500	19.2	81.4	60.4	158				
Dichloromethane	43.6	10	50	0	87.3	71.7	132				
Freon-113	46.2	5	50	0	92.4	52.1	166				
trans-1,2-Dichloroethene	42.9	5	50	0	85.8	72	136				
Methyl tert-butyl ether (MTBE)	46.8	2.5	50	2.9	87.7	54.8	155				
1,1-Dichloroethane	45	5	50	0	90.0	76.9	140				
2-Butanone (MEK)	856	50	1000	0	85.6	73.7	142				
Di-isopropyl Ether (DIPE)	45	5	50	1.02	88.0	74.8	136				
cis-1,2-Dichloroethene	42.7	5	50	0	85.5	73.9	133				
Bromochloromethane	45.1	5	50	0	90.3	75.8	132				
Chloroform	46.2	5	50	0	92.5	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	43.7	5	50	0	87.5	74.8	138				
2,2-Dichloropropane	40	5	50	0	79.9	53.9	146				
1,2-Dichloroethane	44.9	5	50	0	89.9	72.6	144				
1,1,1-Trichloroethane	48	5	50	0	96.0	70.2	138				
1,1-Dichloropropene	46.5	5	50	0	93.0	69.7	146				
Carbon tetrachloride	51	5	50	0	102	58.2	141				
Benzene	43.7	2.5	50	0	87.5	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	47.1	5	50	0	94.2	72.3	144				
Dibromomethane	44.2	5	50	0	88.4	75.2	144				
1,2-Dichloropropane	42.1	5	50	0	84.2	75.3	144				
Trichloroethene	43	5	50	0	86.0	65.7	131				
Bromodichloromethane	48.9	5	50	0	97.8	70.2	141				
4-Methyl-2-pentanone (MIBK)	103	12.5	125	0	82.1	57.9	143				
cis-1,3-Dichloropropene	40.5	5	50	0	81.0	56.9	132				
trans-1,3-Dichloropropene	44	5	50	0	88.1	72	131				
1,1,2-Trichloroethane	44.1	5	50	0	88.2	74	130				
Toluene	41.6	2.5	50	0	83.3	67.2	131				
1,3-Dichloropropane	40.9	5	50	0	81.8	74.2	124				
2-Hexanone	441	25	500	0	88.1	66.7	135				
Dibromochloromethane	43.7	5	50	0	87.4	71.5	134				
1,2-Dibromoethane (EDB)	84.1	10	100	0	84.1	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: MW-18(MID)MS	Batch ID: A11890	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10497	SeqNo: 300368	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	43.6	5	50	0	87.2	45.9	138				
1,1,1,2-Tetrachloroethane	47.9	5	50	0	95.8	75.7	125				
Chlorobenzene	44.9	5	50	0	89.8	73.7	120				
Ethylbenzene	46	2.5	50	0	92.0	70.3	122				
m,p-Xylene	44.6	2.5	50	0	89.3	52.9	136				
Bromoform	41.5	5	50	0	83.0	61.5	141				
Xylenes, Total	91.1	2.5	100	0	91.1	61	131				
Styrene	46.4	5	50	0	92.9	74	130				
o-Xylene	46.4	2.5	50	0	92.8	67.3	129				
1,1,2,2-Tetrachloroethane	49.4	5	50	0	98.8	62.4	153				
1,2,3-Trichloropropane	88.7	10	100	0	88.6	37.4	171				
Isopropylbenzene	48.3	5	50	0	96.6	63	132				
Bromobenzene	44.9	5	50	0	89.8	65.1	120				
n-Propylbenzene	47.3	5	50	0	94.6	58.2	128				
4-Chlorotoluene	46.1	5	50	0	92.1	63.9	127				
2-Chlorotoluene	46.9	5	50	0	93.7	63.2	126				
1,3,5-Trimethylbenzene	49.3	5	50	0	98.5	63.8	138				
tert-Butylbenzene	49.7	5	50	0	99.4	59.7	128				
1,2,4-Trimethylbenzene	49.4	5	50	0	98.9	65.1	135				
sec-Butylbenzene	47.6	5	50	0	95.3	55.5	128				
1,3-Dichlorobenzene	46.5	5	50	0	93.0	64.5	122				
1,4-Dichlorobenzene	46.1	5	50	0	92.2	63.7	121				
4-Isopropyltoluene	48.7	5	50	0	97.4	58	135				
1,2-Dichlorobenzene	43.5	5	50	0	87.1	66.7	122				
n-Butylbenzene	46.8	5	50	0	93.6	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	246	15	250	0	98.5	59.1	143				
1,2,4-Trichlorobenzene	44.4	10	50	0	88.7	47.1	139				
Naphthalene	41.7	10	50	0	83.4	31.6	164				
1,2,3-Trichlorobenzene	44.1	10	50	0	88.1	17.7	171				
Surr: 1,2-Dichloroethane-d4	51.8		50		104	69.51	130.49				
Surr: Toluene-d8	47.2		50		94.5	69.51	130.49				
Surr: 4-Bromofluorobenzene	47.9		50		95.8	69.51	130.49				

Sample ID: MB-11891	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300521	
Analysis Date: 11/19/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11891	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300521	
Analysis Date: 11/19/2020			

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

Qualifiers:
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 ND Not Detected at the Reporting Limit
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 S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11891	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300521	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
1,1,1,2-Tetrachloroethane	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
Xylenes, Total	ND	0.5									
Styrene	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,2,3-Trichloropropane	ND	2									
Isopropylbenzene	ND	1									
Bromobenzene	ND	1									
n-Propylbenzene	ND	1									
4-Chlorotoluene	ND	1									
2-Chlorotoluene	ND	1									
1,3,5-Trimethylbenzene	ND	1									
tert-Butylbenzene	ND	1									
1,2,4-Trimethylbenzene	ND	1									
sec-Butylbenzene	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
4-Isopropyltoluene	ND	1									
1,2-Dichlorobenzene	ND	1									
n-Butylbenzene	ND	1									
1,2-Dibromo-3-chloropropane (DBCP)	ND	3									
1,2,4-Trichlorobenzene	ND	2									
Naphthalene	ND	2									
1,2,3-Trichlorobenzene	ND	2									
Surr: 1,2-Dichloroethane-d4	10		10		100	69.51	130.49				
Surr: Toluene-d8	10		10		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		101	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11891	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300520	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	5.01	1	10	0	50.1	16.9	124				
Chloromethane	7.01	2	10	0	70.1	25.9	136				
Vinyl chloride	7.46	1	10	0	74.6	47.8	132				
Chloroethane	7.45	1	10	0	74.5	62.3	169				
Bromomethane	8.02	2	10	0	80.2	33.8	135				
Trichlorofluoromethane	9.18	1	10	0	91.8	16.8	155				
Acetone	171	10	200	0	85.6	72	124				
1,1-Dichloroethene	8.87	1	10	0	88.7	65.2	129				
Tertiary Butyl Alcohol (TBA)	86.5	10	100	0	86.5	52.9	128.4				
Dichloromethane	9.2	2	10	0	92.0	65.2	129				
Freon-113	8.52	1	10	0	85.2	52.4	143				
trans-1,2-Dichloroethene	8.9	1	10	0	89.0	66.7	132				
Methyl tert-butyl ether (MTBE)	9.16	0.5	10	0	91.6	52.9	125				
1,1-Dichloroethane	9.22	1	10	0	92.2	66.6	129				
2-Butanone (MEK)	181	10	200	0	90.3	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.15	1	10	0	91.5	63.6	131				
cis-1,2-Dichloroethene	8.89	1	10	0	88.9	59.2	131				
Bromochloromethane	9.57	1	10	0	95.7	65.9	121				
Chloroform	9.22	1	10	0	92.2	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	9.1	1	10	0	91.0	44.6	136				
2,2-Dichloropropane	6.6	1	10	0	66.0	58.2	146				
1,2-Dichloroethane	9.09	1	10	0	90.9	73.4	120.4				
1,1,1-Trichloroethane	9.76	1	10	0	97.6	52.7	144				
1,1-Dichloropropene	9.54	1	10	0	95.4	85.6	131				
Carbon tetrachloride	9.91	1	10	0	99.1	30.9	175				
Benzene	9.03	0.5	10	0	90.3	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.56	1	10	0	95.6	52.4	141				
Dibromomethane	9.17	1	10	0	91.7	78.5	120.4				
1,2-Dichloropropane	9.07	1	10	0	90.7	79.5	126				
Trichloroethene	9.96	1	10	0	99.6	69	120.4				
Bromodichloromethane	10	1	10	0	100	73.9	122				
4-Methyl-2-pentanone (MIBK)	21.6	2.5	25	0	86.6	66.4	122				
cis-1,3-Dichloropropene	9.14	1	10	0	91.4	78.7	120.4				
trans-1,3-Dichloropropene	8.98	1	10	0	89.8	70.2	120.4				
1,1,2-Trichloroethane	9.11	1	10	0	91.1	76.2	120.4				
Toluene	8.73	0.5	10	0	87.3	79.7	126				
1,3-Dichloropropane	8.62	1	10	0	86.2	71.7	131				
2-Hexanone	95.4	5	100	0	95.4	52.9	152				
Dibromochloromethane	9.08	1	10	0	90.8	79.5	120.4				
1,2-Dibromoethane (EDB)	18.2	2	20	0	91.2	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11891	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10507	SeqNo: 300520	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	8.78	1	10	0	87.8	64	123				
1,1,1,2-Tetrachloroethane	9.6	1	10	0	96.0	77.9	120.4				
Chlorobenzene	9.12	1	10	0	91.2	70.9	120.4				
Ethylbenzene	9.32	0.5	10	0	93.2	77.5	120.4				
m,p-Xylene	9.33	0.5	10	0	93.3	74.8	120.4				
Bromoform	8.64	1	10	0	86.4	51.3	120.4				
Xylenes, Total	18.6	0.5	20	0	93.0	77.6	120.4				
Styrene	9.51	1	10	0	95.1	71.9	120.4				
o-Xylene	9.28	0.5	10	0	92.8	79.1	120.4				
1,1,2,2-Tetrachloroethane	7.78	1	10	0	77.8	55.6	138				
1,2,3-Trichloropropane	17.5	2	20	0	87.5	73.4	120.4				
Isopropylbenzene	9.4	1	10	0	94.0	78.7	148				
Bromobenzene	8.79	1	10	0	87.9	79.5	121				
n-Propylbenzene	9.22	1	10	0	92.2	82.5	134				
4-Chlorotoluene	9.02	1	10	0	90.2	79.5	135				
2-Chlorotoluene	9.2	1	10	0	92.0	79.5	131				
1,3,5-Trimethylbenzene	9.81	1	10	0	98.1	79.5	135				
tert-Butylbenzene	9.7	1	10	0	97.0	79.5	139				
1,2,4-Trimethylbenzene	9.67	1	10	0	96.7	79.5	138				
sec-Butylbenzene	9.27	1	10	0	92.7	79.5	132				
1,3-Dichlorobenzene	8.91	1	10	0	89.1	79.5	125				
1,4-Dichlorobenzene	8.96	1	10	0	89.6	79.5	123				
4-Isopropyltoluene	9.73	1	10	0	97.3	79.5	130				
1,2-Dichlorobenzene	8.6	1	10	0	86.0	79.5	121				
n-Butylbenzene	9.22	1	10	0	92.2	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	48.5	3	50	0	97.1	72.1	136				
1,2,4-Trichlorobenzene	8.96	2	10	0	89.6	73.3	126				
Naphthalene	8.65	2	10	0	86.5	47.2	142				
1,2,3-Trichlorobenzene	8.57	2	10	0	85.7	67.4	130				
Surr: 1,2-Dichloroethane-d4	10.4		10		104	69.51	130.5				
Surr: Toluene-d8	9.77		10		97.7	69.51	130.5				
Surr: 4-Bromofluorobenzene	9.19		10		91.9	69.51	130.5				

Sample ID: 2011064-09AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-7MSD	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300698	
Analysis Date: 11/20/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011064

20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-09AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-7MSD	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300698	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	38.5	5	50	0	77.1	5.1	155	40.3	4.4	38	
Chloromethane	42.1	10	50	0	84.2	37.7	121	41	2.6	22.5	
Vinyl chloride	41.6	5	50	0	83.2	60.4	140	41.3	0.77	23.9	
Chloroethane	38.9	5	50	0	77.8	43.1	206	37.3	4.2	22.9	
Bromomethane	19.7	10	50	0	39.3	12.6	168	17.2	13	48	
Trichlorofluoromethane	40.2	5	50	0	80.3	58.6	163	40.4	0.47	33.3	
Acetone	823	50	1000	16.3	80.7	37.3	152	883	7.1	50	
1,1-Dichloroethene	42.1	5	50	0	84.2	69.8	158	42.5	1	21.7	
Tertiary Butyl Alcohol (TBA)	402	50	500	0	80.5	60.4	158	480	18	26.8	
Dichloromethane	42.5	10	50	0	85.0	71.7	132	43.9	3.2	20	
Freon-113	39.9	5	50	0	79.8	52.1	166	42	5.2	25.9	
trans-1,2-Dichloroethene	41.4	5	50	0	82.7	72	136	42.1	1.8	19.2	
Methyl tert-butyl ether (MTBE)	43.7	2.5	50	0	87.5	54.8	155	47.6	8.5	21.4	
1,1-Dichloroethane	42.9	5	50	0	85.9	76.9	140	44.5	3.5	18	
2-Butanone (MEK)	852	50	1000	0	85.2	73.7	142	930	8.7	20.9	
Di-isopropyl Ether (DIPE)	44.9	5	50	0	89.9	74.8	136	47.7	5.9	18.2	
cis-1,2-Dichloroethene	43	5	50	0	85.9	73.9	133	42.9	0.14	20.1	
Bromochloromethane	42.3	5	50	0	84.7	75.8	132	44	3.8	23.5	
Chloroform	42.1	5	50	0	84.3	74.3	130	43.6	3.5	18	
Ethyl Tertiary Butyl Ether (ETBE)	44.2	5	50	0	88.3	74.8	138	47.2	6.7	20.3	
2,2-Dichloropropane	22.3	5	50	0	44.7	53.9	146	24.1	7.7	52.3	S
1,2-Dichloroethane	40.4	5	50	0	80.8	72.6	144	42.1	4.2	17.1	
1,1,1-Trichloroethane	43	5	50	0	86.0	70.2	138	45.1	4.8	22.2	
1,1-Dichloropropene	43.6	5	50	0	87.1	69.7	146	45	3.2	29.6	
Carbon tetrachloride	43.7	5	50	0	87.4	58.2	141	45.1	3.2	31.9	
Benzene	43.1	2.5	50	0	86.3	67.8	140	44	1.9	18.1	
Tertiary Amyl Methyl Ether (TAME)	42.5	5	50	0	85.0	72.3	144	45.7	7.3	20.6	
Dibromomethane	42.1	5	50	0	84.3	75.2	144	44.9	6.4	19.5	
1,2-Dichloropropane	43.8	5	50	0	87.7	75.3	144	45.4	3.6	19.7	
Trichloroethene	38.1	5	50	0	76.3	65.7	131	39.2	2.7	25.3	
Bromodichloromethane	46	5	50	0	92.1	70.2	141	48.5	5.2	20.5	
4-Methyl-2-pentanone (MIBK)	105	12.5	125	0	84.0	57.9	143	113	7.2	21.3	
cis-1,3-Dichloropropene	38.9	5	50	0	77.7	56.9	132	40.8	4.8	25.8	
trans-1,3-Dichloropropene	38.7	5	50	0	77.4	72	131	42.3	8.9	26.4	
1,1,2-Trichloroethane	42.4	5	50	0	84.7	74	130	45.8	7.8	21.9	
Toluene	41.9	2.5	50	0	83.8	67.2	131	42.4	1.3	18.3	
1,3-Dichloropropane	42	5	50	0	84.0	74.2	124	44.7	6.2	21.7	
2-Hexanone	479	25	500	0	95.9	66.7	135	524	8.8	20.9	
Dibromochloromethane	43.9	5	50	0	87.8	71.5	134	46.2	5.2	24.1	
1,2-Dibromoethane (EDB)	83.9	10	100	0	83.9	74.7	129	89.9	6.8	23.1	

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-09AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-7MSD	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300698	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	39.5	5	50	0	79.1	45.9	138	39.7	0.3	30.9	
1,1,1,2-Tetrachloroethane	44	5	50	0	87.9	75.7	125	46.5	5.6	22.6	
Chlorobenzene	42.8	5	50	0	85.6	73.7	120	43.4	1.4	23.1	
Ethylbenzene	44	2.5	50	0	88.0	70.3	122	44.7	1.5	25.3	
m,p-Xylene	43.8	2.5	50	0	87.5	52.9	136	43.6	0.3	26.6	
Bromoform	41.4	5	50	0	82.9	61.5	141	45.4	9.1	25	
Xylenes, Total	87.8	2.5	100	0	87.8	61	131	89.8	2.2	25.6	
Styrene	45.6	5	50	0	91.2	74	130	46.6	2	26	
o-Xylene	44.1	2.5	50	0	88.2	67.3	129	46.2	4.6	25	
1,1,2,2-Tetrachloroethane	50.4	5	50	0	101	62.4	153	55.1	8.9	24.6	
1,2,3-Trichloropropane	80.7	10	100	0	80.7	37.4	171	87.2	7.7	50	
Isopropylbenzene	46.6	5	50	0	93.3	63	132	46.7	0.11	33.1	
Bromobenzene	43.9	5	50	0	87.7	65.1	120	43.5	0.89	23.6	
n-Propylbenzene	45.5	5	50	0	91.0	58.2	128	44.3	2.7	32.4	
4-Chlorotoluene	44.9	5	50	0	89.9	63.9	127	44.8	0.25	29.1	
2-Chlorotoluene	44.6	5	50	0	89.2	63.2	126	44.5	0.29	28.9	
1,3,5-Trimethylbenzene	47.6	5	50	0	95.1	63.8	138	47	1.2	31.9	
tert-Butylbenzene	47.5	5	50	0	95.0	59.7	128	48	1.1	36.2	
1,2,4-Trimethylbenzene	47.6	5	50	0	95.2	65.1	135	47.6	0	28.8	
sec-Butylbenzene	45.8	5	50	0	91.6	55.5	128	45.2	1.3	40.9	
1,3-Dichlorobenzene	43.5	5	50	0	86.9	64.5	122	43.2	0.58	28.6	
1,4-Dichlorobenzene	43.9	5	50	0	87.7	63.7	121	44.3	1	27.7	
4-Isopropyltoluene	46.6	5	50	0	93.2	58	135	45.5	2.5	40.4	
1,2-Dichlorobenzene	42.2	5	50	0	84.3	66.7	122	43.1	2.2	24.5	
n-Butylbenzene	45.1	5	50	0	90.3	52.7	139	44.2	2.1	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	260	15	250	0	104	59.1	143	277	6.3	24.9	
1,2,4-Trichlorobenzene	45.5	10	50	0	91.1	47.1	139	46.1	1.2	35	
Naphthalene	47.8	10	50	0	95.5	31.6	164	51.3	7.2	50	
1,2,3-Trichlorobenzene	45.4	10	50	0	90.8	17.7	171	48	5.4	57	
Surr: 1,2-Dichloroethane-d4	48.1		50		96.2	69.51	130.49	49	0	0	
Surr: Toluene-d8	49.3		50		98.5	69.51	130.49	48	0	0	
Surr: 4-Bromofluorobenzene	51.5		50		103	69.51	130.49	49.1	0	0	

Sample ID: 2011064-09AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-7MS	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300697	
Analysis Date: 11/20/2020			

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
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-09AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-7MS	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300697	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	40.3	5	50	0	80.5	5.1	155				
Chloromethane	41	10	50	0	82.0	37.7	121				
Vinyl chloride	41.3	5	50	0	82.5	60.4	140				
Chloroethane	37.3	5	50	0	74.7	43.1	206				
Bromomethane	17.2	10	50	0	34.4	12.6	168				
Trichlorofluoromethane	40.4	5	50	0	80.7	58.6	163				
Acetone	883	50	1000	16.3	86.7	37.3	152				
1,1-Dichloroethene	42.5	5	50	0	85.0	69.8	158				
Tertiary Butyl Alcohol (TBA)	480	50	500	0	95.9	60.4	158				
Dichloromethane	43.9	10	50	0	87.8	71.7	132				
Freon-113	42	5	50	0	84.1	52.1	166				
trans-1,2-Dichloroethene	42.1	5	50	0	84.2	72	136				
Methyl tert-butyl ether (MTBE)	47.6	2.5	50	0	95.3	54.8	155				
1,1-Dichloroethane	44.5	5	50	0	89.0	76.9	140				
2-Butanone (MEK)	930	50	1000	0	93.0	73.7	142				
Di-isopropyl Ether (DIPE)	47.7	5	50	0	95.4	74.8	136				
cis-1,2-Dichloroethene	42.9	5	50	0	85.8	73.9	133				
Bromochloromethane	44	5	50	0	87.9	75.8	132				
Chloroform	43.6	5	50	0	87.3	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	47.2	5	50	0	94.5	74.8	138				
2,2-Dichloropropane	24.1	5	50	0	48.3	53.9	146				S
1,2-Dichloroethane	42.1	5	50	0	84.2	72.6	144				
1,1,1-Trichloroethane	45.1	5	50	0	90.2	70.2	138				
1,1-Dichloropropene	45	5	50	0	89.9	69.7	146				
Carbon tetrachloride	45.1	5	50	0	90.2	58.2	141				
Benzene	44	2.5	50	0	87.9	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	45.7	5	50	0	91.4	72.3	144				
Dibromomethane	44.9	5	50	0	89.8	75.2	144				
1,2-Dichloropropane	45.4	5	50	0	90.8	75.3	144				
Trichloroethene	39.2	5	50	0	78.4	65.7	131				
Bromodichloromethane	48.5	5	50	0	97.0	70.2	141				
4-Methyl-2-pentanone (MIBK)	113	12.5	125	0	90.3	57.9	143				
cis-1,3-Dichloropropene	40.8	5	50	0	81.6	56.9	132				
trans-1,3-Dichloropropene	42.3	5	50	0	84.6	72	131				
1,1,2-Trichloroethane	45.8	5	50	0	91.5	74	130				
Toluene	42.4	2.5	50	0	84.9	67.2	131				
1,3-Dichloropropane	44.7	5	50	0	89.4	74.2	124				
2-Hexanone	524	25	500	0	105	66.7	135				
Dibromochloromethane	46.2	5	50	0	92.5	71.5	134				
1,2-Dibromoethane (EDB)	89.9	10	100	0	89.9	74.7	129				

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-09AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-7MS	Batch ID: A11891	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10507	SeqNo: 300697	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	39.7	5	50	0	79.3	45.9	138				
1,1,1,2-Tetrachloroethane	46.5	5	50	0	93.0	75.7	125				
Chlorobenzene	43.4	5	50	0	86.8	73.7	120				
Ethylbenzene	44.7	2.5	50	0	89.4	70.3	122				
m,p-Xylene	43.6	2.5	50	0	87.2	52.9	136				
Bromoform	45.4	5	50	0	90.7	61.5	141				
Xylenes, Total	89.8	2.5	100	0	89.8	61	131				
Styrene	46.6	5	50	0	93.1	74	130				
o-Xylene	46.2	2.5	50	0	92.3	67.3	129				
1,1,2,2-Tetrachloroethane	55.1	5	50	0	110	62.4	153				
1,2,3-Trichloropropane	87.2	10	100	0	87.2	37.4	171				
Isopropylbenzene	46.7	5	50	0	93.4	63	132				
Bromobenzene	43.5	5	50	0	86.9	65.1	120				
n-Propylbenzene	44.3	5	50	0	88.6	58.2	128				
4-Chlorotoluene	44.8	5	50	0	89.6	63.9	127				
2-Chlorotoluene	44.5	5	50	0	88.9	63.2	126				
1,3,5-Trimethylbenzene	47	5	50	0	94.0	63.8	138				
tert-Butylbenzene	48	5	50	0	96.1	59.7	128				
1,2,4-Trimethylbenzene	47.6	5	50	0	95.2	65.1	135				
sec-Butylbenzene	45.2	5	50	0	90.4	55.5	128				
1,3-Dichlorobenzene	43.2	5	50	0	86.4	64.5	122				
1,4-Dichlorobenzene	44.3	5	50	0	88.7	63.7	121				
4-Isopropyltoluene	45.5	5	50	0	90.9	58	135				
1,2-Dichlorobenzene	43.1	5	50	0	86.2	66.7	122				
n-Butylbenzene	44.2	5	50	0	88.4	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	277	15	250	0	111	59.1	143				
1,2,4-Trichlorobenzene	46.1	10	50	0	92.1	47.1	139				
Naphthalene	51.3	10	50	0	103	31.6	164				
1,2,3-Trichlorobenzene	48	10	50	0	95.9	17.7	171				
Surr: 1,2-Dichloroethane-d4	49		50		98.1	69.51	130.49				
Surr: Toluene-d8	48		50		96.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	49.1		50		98.2	69.51	130.49				

Sample ID: MB-11892	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300263	
Analysis Date: 11/18/2020			

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 Blau
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11892	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300263	
Analysis Date: 11/18/2020			

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

Qualifiers:
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 ND Not Detected at the Reporting Limit
 R RPD outside accepted recovery limits
 S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11892	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300263	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	ND	1									
1,2-Dibromoethane (EDB)	ND	2									
Tetrachloroethene	ND	1									
1,1,1,2-Tetrachloroethane	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
Xylenes, Total	ND	0.5									
Styrene	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,2,3-Trichloropropane	ND	2									
Isopropylbenzene	ND	1									
Bromobenzene	ND	1									
n-Propylbenzene	ND	1									
4-Chlorotoluene	ND	1									
2-Chlorotoluene	ND	1									
1,3,5-Trimethylbenzene	ND	1									
tert-Butylbenzene	ND	1									
1,2,4-Trimethylbenzene	ND	1									
sec-Butylbenzene	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
4-Isopropyltoluene	ND	1									
1,2-Dichlorobenzene	ND	1									
n-Butylbenzene	ND	1									
1,2-Dibromo-3-chloropropane (DBCP)	ND	3									
1,2,4-Trichlorobenzene	ND	2									
Naphthalene	ND	2									
1,2,3-Trichlorobenzene	ND	2									
Surr: 1,2-Dichloroethane-d4	8.9		10		88.6	69.51	130.49				
Surr: Toluene-d8	9.4		10		93.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10		105	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11890	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300262	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	8.04	1	10	0	80.4	16.9	124				
Chloromethane	9.92	2	10	0	99.2	25.9	136				
Vinyl chloride	8.84	1	10	0	88.4	47.8	132				
Chloroethane	12.5	1	10	0	125	62.3	169				
Bromomethane	9.95	2	10	0	99.5	33.8	135				
Trichlorofluoromethane	12.8	1	10	0	128	16.8	155				
Acetone	210	10	200	0	105	72	124				
1,1-Dichloroethene	9.03	1	10	0	90.3	65.2	129				
Tertiary Butyl Alcohol (TBA)	84.6	10	100	0	84.6	52.9	128.4				
Dichloromethane	7.55	2	10	0	75.5	65.2	129				
Freon-113	10.3	1	10	0	103	52.4	143				
trans-1,2-Dichloroethene	8.89	1	10	0	88.9	66.7	132				
Methyl tert-butyl ether (MTBE)	10.3	0.5	10	0	103	52.9	125				
1,1-Dichloroethane	10.1	1	10	0	101	66.6	129				
2-Butanone (MEK)	197	10	200	0	98.4	63.7	120.4				
Di-isopropyl Ether (DIPE)	10.9	1	10	0	110	63.6	131				
cis-1,2-Dichloroethene	8.98	1	10	0	89.8	59.2	131				
Bromochloromethane	9.39	1	10	0	93.9	65.9	121				
Chloroform	9.6	1	10	0	96.0	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	10.3	1	10	0	104	44.6	136				
2,2-Dichloropropane	10.3	1	10	0	103	58.2	146				
1,2-Dichloroethane	10.2	1	10	0	102	73.4	120.4				
1,1,1-Trichloroethane	9.9	1	10	0	99.0	52.7	144				
1,1-Dichloropropene	10.5	1	10	0	105	85.6	131				
Carbon tetrachloride	10.1	1	10	0	101	30.9	175				
Benzene	9.55	0.5	10	0	95.5	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	9.57	1	10	0	95.7	52.4	141				
Dibromomethane	9.64	1	10	0	96.4	78.5	120.4				
1,2-Dichloropropane	10.8	1	10	0	108	79.5	126				
Trichloroethene	9.8	1	10	0	98.0	69	120.4				
Bromodichloromethane	9.95	1	10	0	99.5	73.9	122				
4-Methyl-2-pentanone (MIBK)	25.1	2.5	25	0	100	66.4	122				
cis-1,3-Dichloropropene	10.1	1	10	0	101	78.7	120.4				
trans-1,3-Dichloropropene	9.68	1	10	0	96.8	70.2	120.4				
1,1,2-Trichloroethane	8.69	1	10	0	86.9	76.2	120.4				
Toluene	9.88	0.5	10	0	98.8	79.7	126				
1,3-Dichloropropane	8.64	1	10	0	86.4	71.7	131				
2-Hexanone	99.5	5	100	0	99.5	52.9	152				
Dibromochloromethane	9.15	1	10	0	91.5	79.5	120.4				
1,2-Dibromoethane (EDB)	17.1	2	20	0	85.4	76.4	120.4				

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

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11890	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/18/2020	RunNo: 10495	SeqNo: 300262	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	10.3	1	10	0	103	64	123				
1,1,1,2-Tetrachloroethane	9.7	1	10	0	97.0	77.9	120.4				
Chlorobenzene	10.6	1	10	0	106	70.9	120.4				
Ethylbenzene	10.2	0.5	10	0	102	77.5	120.4				
m,p-Xylene	9.56	0.5	10	0	95.6	74.8	120.4				
Bromoform	9.7	1	10	0	97.0	51.3	120.4				
Xylenes, Total	19.3	0.5	20	0	96.6	77.6	120.4				
Styrene	9.56	1	10	0	95.6	71.9	120.4				
o-Xylene	9.75	0.5	10	0	97.5	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.82	1	10	0	98.2	55.6	138				
1,2,3-Trichloropropane	23.1	2	20	0	115	73.4	120.4				
Isopropylbenzene	9.76	1	10	0	97.6	78.7	148				
Bromobenzene	10.4	1	10	0	104	79.5	121				
n-Propylbenzene	11.3	1	10	0	113	82.5	134				
4-Chlorotoluene	9.94	1	10	0	99.4	79.5	135				
2-Chlorotoluene	11.6	1	10	0	116	79.5	131				
1,3,5-Trimethylbenzene	11.8	1	10	0	118	79.5	135				
tert-Butylbenzene	10.3	1	10	0	103	79.5	139				
1,2,4-Trimethylbenzene	10.9	1	10	0	109	79.5	138				
sec-Butylbenzene	10.1	1	10	0	101	79.5	132				
1,3-Dichlorobenzene	10	1	10	0	100	79.5	125				
1,4-Dichlorobenzene	9.5	1	10	0	95.0	79.5	123				
4-Isopropyltoluene	10.6	1	10	0	106	79.5	130				
1,2-Dichlorobenzene	9.73	1	10	0	97.3	79.5	121				
n-Butylbenzene	10.2	1	10	0	102	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	53.8	3	50	0	108	72.1	136				
1,2,4-Trichlorobenzene	9.18	2	10	0	91.8	73.3	126				
Naphthalene	8.02	2	10	0	80.2	47.2	142				
1,2,3-Trichlorobenzene	7.45	2	10	0	74.5	67.4	130				
Surr: 1,2-Dichloroethane-d4	9.42		10		94.2	69.51	130.5				
Surr: Toluene-d8	9.11		10		91.1	69.51	130.5				
Surr: 4-Bromofluorobenzene	8.88		10		88.8	69.51	130.5				

Sample ID: 2011064-38AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300261	
Analysis Date: 11/19/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-38AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300261	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	33.1	5	50	0	66.2	5.1	155	35	5.8	38	
Chloromethane	60.9	10	50	0	122	37.7	121	69.8	14	22.5	S
Vinyl chloride	48.4	5	50	0	96.9	60.4	140	50.2	3.5	23.9	
Chloroethane	72.9	5	50	0	146	43.1	206	78.4	7.3	22.9	
Bromomethane	37.9	10	50	0	75.8	12.6	168	35	8.1	48	
Trichlorofluoromethane	60	5	50	0	120	58.6	163	67.9	12	33.3	
Acetone	1370	50	1000	0	137	37.3	152	1800	27	50	
1,1-Dichloroethene	42.9	5	50	0	85.8	69.8	158	42.6	0.61	21.7	
Tertiary Butyl Alcohol (TBA)	499	50	500	0	99.7	60.4	158	635	24	26.8	
Dichloromethane	45.1	10	50	0	90.2	71.7	132	47	4.1	20	
Freon-113	44.2	5	50	0	88.4	52.1	166	43.5	1.6	25.9	
trans-1,2-Dichloroethene	43.4	5	50	0	86.9	72	136	42.6	1.9	19.2	
Methyl tert-butyl ether (MTBE)	48.7	2.5	50	0	97.4	54.8	155	50.3	3.2	21.4	
1,1-Dichloroethane	52.3	5	50	0	104	76.9	140	52	0.42	18	
2-Butanone (MEK)	947	50	1000	0	94.7	73.7	142	1190	23	20.9	R
Di-isopropyl Ether (DIPE)	56.9	5	50	0	114	74.8	136	56.8	0.11	18.2	
cis-1,2-Dichloroethene	43.7	5	50	0	87.4	73.9	133	43.4	0.64	20.1	
Bromochloromethane	44.1	5	50	0	88.3	75.8	132	45.4	2.8	23.5	
Chloroform	49.4	5	50	0	98.8	74.3	130	49.2	0.49	18	
Ethyl Tertiary Butyl Ether (ETBE)	50.5	5	50	0	101	74.8	138	50.7	0.34	20.3	
2,2-Dichloropropane	38.1	5	50	0	76.2	53.9	146	38.7	1.6	52.3	
1,2-Dichloroethane	54.6	5	50	0	109	72.6	144	57.3	4.8	17.1	
1,1,1-Trichloroethane	49.5	5	50	0	99.0	70.2	138	48.2	2.7	22.2	
1,1-Dichloropropene	51.5	5	50	0	103	69.7	146	51.6	0.078	29.6	
Carbon tetrachloride	49.3	5	50	0	98.6	58.2	141	47.5	3.7	31.9	
Benzene	46.2	2.5	50	0	92.4	67.8	140	45.8	0.8	18.1	
Tertiary Amyl Methyl Ether (TAME)	43.1	5	50	0	86.2	72.3	144	44.1	2.2	20.6	
Dibromomethane	47.3	5	50	0	94.5	75.2	144	49.8	5.2	19.5	
1,2-Dichloropropane	54.1	5	50	0	108	75.3	144	55.5	2.6	19.7	
Trichloroethene	37.1	5	50	0	74.2	65.7	131	36.3	2.3	25.3	
Bromodichloromethane	48.7	5	50	0	97.5	70.2	141	50	2.5	20.5	
4-Methyl-2-pentanone (MIBK)	134	12.5	125	0	107	57.9	143	158	17	21.3	
cis-1,3-Dichloropropene	45.8	5	50	0	91.5	56.9	132	46.3	1.2	25.8	
trans-1,3-Dichloropropene	43.8	5	50	0	87.7	72	131	43.4	0.96	26.4	
1,1,2-Trichloroethane	41.7	5	50	0	83.5	74	130	42.5	1.7	21.9	
Toluene	45.8	2.5	50	0	91.6	67.2	131	45.7	0.24	18.3	
1,3-Dichloropropane	41.8	5	50	0	83.7	74.2	124	42.2	0.95	21.7	
2-Hexanone	538	25	500	0	108	66.7	135	638	17	20.9	
Dibromochloromethane	41.9	5	50	0	83.8	71.5	134	41.6	0.72	24.1	
1,2-Dibromoethane (EDB)	79.5	10	100	0	79.5	74.7	129	83.2	4.6	23.1	

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



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QC SUMMARY REPORT

WO#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-38AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MSD	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300261	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	44.7	5	50	0	89.5	45.9	138	44.2	1.2	30.9	
1,1,1,2-Tetrachloroethane	45.2	5	50	0	90.3	75.7	125	42.7	5.5	22.6	
Chlorobenzene	48.4	5	50	0	96.8	73.7	120	47.2	2.4	23.1	
Ethylbenzene	46.8	2.5	50	0	93.5	70.3	122	45.6	2.6	25.3	
m,p-Xylene	42.3	2.5	50	0	84.5	52.9	136	42.6	0.73	26.6	
Bromoform	42	5	50	0	84.1	61.5	141	44.4	5.4	25	
Xylenes, Total	85.2	2.5	100	0	85.2	61	131	84.9	0.33	25.6	
Styrene	43.6	5	50	0	87.1	74	130	43.9	0.89	26	
o-Xylene	43	2.5	50	0	85.9	67.3	129	42.4	1.4	25	
1,1,2,2-Tetrachloroethane	130	5	50	0	260	62.4	153	130	0.22	24.6	S
1,2,3-Trichloropropane	118	10	100	0	118	37.4	171	120	1.3	50	
Isopropylbenzene	44.9	5	50	0	89.8	63	132	46.3	3.1	33.1	
Bromobenzene	45.9	5	50	0	91.9	65.1	120	47.9	4.2	23.6	
n-Propylbenzene	54.4	5	50	0	109	58.2	128	53.9	0.94	32.4	
4-Chlorotoluene	46.2	5	50	0	92.4	63.9	127	45	2.7	29.1	
2-Chlorotoluene	52.3	5	50	0	105	63.2	126	49.7	5	28.9	
1,3,5-Trimethylbenzene	56.7	5	50	0	113	63.8	138	58.8	3.6	31.9	
tert-Butylbenzene	51.4	5	50	0	103	59.7	128	51.7	0.56	36.2	
1,2,4-Trimethylbenzene	51.3	5	50	0	103	65.1	135	52.5	2.4	28.8	
sec-Butylbenzene	50.4	5	50	0	101	55.5	128	51.4	1.9	40.9	
1,3-Dichlorobenzene	46.6	5	50	0	93.3	64.5	122	45.5	2.5	28.6	
1,4-Dichlorobenzene	44.7	5	50	0	89.5	63.7	121	44.3	0.94	27.7	
4-Isopropyltoluene	52.5	5	50	0	105	58	135	55.7	5.9	40.4	
1,2-Dichlorobenzene	46.7	5	50	0	93.5	66.7	122	46.2	1.2	24.5	
n-Butylbenzene	50.5	5	50	0	101	52.7	139	54.5	7.7	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	275	15	250	0	110	59.1	143	298	8.1	24.9	
1,2,4-Trichlorobenzene	42.7	10	50	0	85.4	47.1	139	43.9	2.9	35	
Naphthalene	37.9	10	50	0	75.7	31.6	164	41.3	8.6	50	
1,2,3-Trichlorobenzene	36	10	50	0	72.0	17.7	171	36.3	0.89	57	
Surr: 1,2-Dichloroethane-d4	51.9		50		104	69.51	130.49	50.2	0	0	
Surr: Toluene-d8	44.2		50		88.3	69.51	130.49	42.5	0	0	
Surr: 4-Bromofluorobenzene	44		50		88.1	69.51	130.49	42.5	0	0	

Sample ID: 2011064-38AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300260	
Analysis Date: 11/19/2020			

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 limit



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#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-38AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300260	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	35	5	50	0	70.1	5.1	155				
Chloromethane	69.8	10	50	0	140	37.7	121				S
Vinyl chloride	50.2	5	50	0	100	60.4	140				
Chloroethane	78.4	5	50	0	157	43.1	206				
Bromomethane	35	10	50	0	69.9	12.6	168				
Trichlorofluoromethane	67.9	5	50	0	136	58.6	163				
Acetone	1800	50	1000	0	180	37.3	152				S
1,1-Dichloroethene	42.6	5	50	0	85.3	69.8	158				
Tertiary Butyl Alcohol (TBA)	635	50	500	0	127	60.4	158				
Dichloromethane	47	10	50	0	94.0	71.7	132				
Freon-113	43.5	5	50	0	87.0	52.1	166				
trans-1,2-Dichloroethene	42.6	5	50	0	85.2	72	136				
Methyl tert-butyl ether (MTBE)	50.3	2.5	50	0	101	54.8	155				
1,1-Dichloroethane	52	5	50	0	104	76.9	140				
2-Butanone (MEK)	1190	50	1000	0	119	73.7	142				
Di-isopropyl Ether (DIPE)	56.8	5	50	0	114	74.8	136				
cis-1,2-Dichloroethene	43.4	5	50	0	86.9	73.9	133				
Bromochloromethane	45.4	5	50	0	90.8	75.8	132				
Chloroform	49.2	5	50	0	98.4	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	50.7	5	50	0	101	74.8	138				
2,2-Dichloropropane	38.7	5	50	0	77.4	53.9	146				
1,2-Dichloroethane	57.3	5	50	0	115	72.6	144				
1,1,1-Trichloroethane	48.2	5	50	0	96.4	70.2	138				
1,1-Dichloropropene	51.6	5	50	0	103	69.7	146				
Carbon tetrachloride	47.5	5	50	0	95.0	58.2	141				
Benzene	45.8	2.5	50	0	91.7	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	44.1	5	50	0	88.2	72.3	144				
Dibromomethane	49.8	5	50	0	99.5	75.2	144				
1,2-Dichloropropane	55.5	5	50	0	111	75.3	144				
Trichloroethene	36.3	5	50	0	72.5	65.7	131				
Bromodichloromethane	50	5	50	0	99.9	70.2	141				
4-Methyl-2-pentanone (MIBK)	158	12.5	125	0	127	57.9	143				
cis-1,3-Dichloropropene	46.3	5	50	0	92.6	56.9	132				
trans-1,3-Dichloropropene	43.4	5	50	0	86.8	72	131				
1,1,2-Trichloroethane	42.5	5	50	0	84.9	74	130				
Toluene	45.7	2.5	50	0	91.3	67.2	131				
1,3-Dichloropropane	42.2	5	50	0	84.5	74.2	124				
2-Hexanone	638	25	500	0	128	66.7	135				
Dibromochloromethane	41.6	5	50	0	83.2	71.5	134				
1,2-Dibromoethane (EDB)	83.2	10	100	0	83.2	74.7	129				

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



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#: 2011064
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011064-38AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: EB-5MS	Batch ID: A11892	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10495	SeqNo: 300260	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	44.2	5	50	0	88.4	45.9	138				
1,1,1,2-Tetrachloroethane	42.7	5	50	0	85.5	75.7	125				
Chlorobenzene	47.2	5	50	0	94.5	73.7	120				
Ethylbenzene	45.6	2.5	50	0	91.2	70.3	122				
m,p-Xylene	42.6	2.5	50	0	85.1	52.9	136				
Bromoform	44.4	5	50	0	88.8	61.5	141				
Xylenes, Total	84.9	2.5	100	0	84.9	61	131				
Styrene	43.9	5	50	0	87.9	74	130				
o-Xylene	42.4	2.5	50	0	84.8	67.3	129				
1,1,2,2-Tetrachloroethane	130	5	50	0	259	62.4	153				S
1,2,3-Trichloropropane	120	10	100	0	120	37.4	171				
Isopropylbenzene	46.3	5	50	0	92.7	63	132				
Bromobenzene	47.9	5	50	0	95.8	65.1	120				
n-Propylbenzene	53.9	5	50	0	108	58.2	128				
4-Chlorotoluene	45	5	50	0	89.9	63.9	127				
2-Chlorotoluene	49.7	5	50	0	99.4	63.2	126				
1,3,5-Trimethylbenzene	58.8	5	50	0	118	63.8	138				
tert-Butylbenzene	51.7	5	50	0	103	59.7	128				
1,2,4-Trimethylbenzene	52.5	5	50	0	105	65.1	135				
sec-Butylbenzene	51.4	5	50	0	103	55.5	128				
1,3-Dichlorobenzene	45.5	5	50	0	91.0	64.5	122				
1,4-Dichlorobenzene	44.3	5	50	0	88.6	63.7	121				
4-Isopropyltoluene	55.7	5	50	0	111	58	135				
1,2-Dichlorobenzene	46.2	5	50	0	92.3	66.7	122				
n-Butylbenzene	54.5	5	50	0	109	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	298	15	250	0	119	59.1	143				
1,2,4-Trichlorobenzene	43.9	10	50	0	87.9	47.1	139				
Naphthalene	41.3	10	50	0	82.5	31.6	164				
1,2,3-Trichlorobenzene	36.3	10	50	0	72.6	17.7	171				
Surr: 1,2-Dichloroethane-d4	50.2		50		100	69.51	130.49				
Surr: Toluene-d8	42.5		50		85.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	42.5		50		85.0	69.51	130.49				

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



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#: 2011064
Date: 11/20/2020

Definitions:

ND = Not Detected

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

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

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

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

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

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

O = Reporting Limits were increased due to sample foaming.

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

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

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

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

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

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

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

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Benny Pataray
 Danny Hill
 Eric Davis
 Malcolm Thomas
 Malcom 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: CHH2011064
 Report Due By: 19-Nov-20
 EDD Required: YES

Report Attention: Eric Davis


Client:
 CH2M Hill
 1000 Wilshire Boulevard
 Los Angeles, CA 90017

TEL: 2132288271
 FAX: 7144242135
 ProjectNo: DFSP Norwalk

Date Received: 10-Nov-20

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					
CHH2011064-01	MW-18(MID)	AQ	11/6/2020 8:54:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-02	GMW-9	AQ	11/6/2020 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					
CHH2011064-03	MW-SF-4	AQ	11/6/2020 10:33:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-04	MW-SF-1	AQ	11/6/2020 11:23:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-05	MW-9	AQ	11/6/2020 12:11:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-06	DUP-5	AQ	11/6/2020	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-07	MW-SF-15	AQ	11/6/2020 1:06:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-08	GMW-O-23	AQ	11/6/2020 2:31:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-09	EB-7	AQ	11/6/2020 2:47:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011064-10	TB-4	AQ	11/6/2020 7:00:00 AM	2	0	7			A - TPHE(0.05) +Vinyl acetate					Sac TB 9/10/20

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
	Jaija Nordyke	Alpha Analytical, Inc.	11.10.20 10:52

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles		Requested Tests	Sample Remarks	
				Alpha	Sub			
CHH2011064-11	PZ-2	AQ	11/6/2020 8:50:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-12	PZ-5	AQ	11/6/2020 12:16:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-13	MW-SF-13	AQ	11/6/2020 10:30:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-14	GMW-O-15	AQ	11/6/2020 2:42:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-15	GMW-O-18	AQ	11/6/2020 1:45:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-16	GMW-25	AQ	11/6/2020 9:40:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-17	GMW-30	AQ	11/6/2020 11:06:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-18	DUP-4	AQ	11/6/2020	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-19	DUP-6	AQ	11/6/2020	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-20	EB-8	AQ	11/6/2020 3:00:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-21	HL-2	AQ	11/5/2020 9:10:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-22	PW-3	AQ	11/5/2020 9:56:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-23	GMW-26	AQ	11/5/2020 10:45:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-24	MW-12	AQ	11/5/2020 11:27:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-25	GMW-8	AQ	11/5/2020 12:15:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-26	MW-20(MID)	AQ	11/5/2020 2:08:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-27	MW-6	AQ	11/5/2020 2:56:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-28	EB-6	AQ	11/5/2020 3:10:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-29	EXP-2	AQ	11/5/2020 12:57:00 PM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W A - TPHE(0.05) +Vinyl acetate	
CHH2011064-30	GWR-1R	AQ	11/5/2020 8:46:00 AM	6	0	TPHE_W A - TPHE(0.05) +Vinyl acetate	VOC_W 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:  **Sajja Nordsyl** **Print Name**
 Alpha Analytical, Inc. **Company**
 11.10.20 10:52 **Date/Time**

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

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles		Requested Tests			Sample Remarks
				Alpha	Sub	TAT	TPHE_W	TPHP_W	
CHH2011064-31	DUP-3	AQ	11/5/2020	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-32	GMW-28	AQ	11/5/2020 9:50:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-33	MW-15R	AQ	11/5/2020 10:41:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-34	GMW-14R	AQ	11/5/2020 11:26:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-35	GMW-4R	AQ	11/5/2020 12:09:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-36	GMW-O-19	AQ	11/5/2020 1:02:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-37	GMW-O-16	AQ	11/5/2020 1:55:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-38	EB-5	AQ	11/5/2020 2:38:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	
CHH2011064-39	TB-3	AQ	11/5/2020 7:00:00 AM	2	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	Sac TB 9/10/20

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

Logged in by:		Signature	Daija Nordylle	Print Name
			Alpha Analytical, Inc.	Company
			11.10.20 10:52	Date/Time

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 84

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												
MW-10(M10)	11.6.20	0854	AQ	6	HCV	Voas	X	X										CHH2011004-01
Gmw-9		0949					X	X										02
MW-SF-4		1033					X	X										03
MW-SF-1		1123					X	X										04
MW-9		1211					X	X										05
DUP-5		-					X	X										06
MW-SF-15		1306					X	X										07
Gmw-23		1431					X	X										08
EB-7		1447					X	X										09
TB-4	X	0700	AQ	2	HCL	voas		X										10

SAMPLING COMPLETED: DATE 11.6.20 TIME 1500
 SAMPLING PERFORMED BY: Kevin Thompson
 RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] TIME 1500 RECEIVED BY: Nicole DATE 11/6/20 TIME 1500

RELEASED BY: Nicole TIME 1600 RECEIVED BY: FEDEX DATE 11/9/20 TIME 1600

RELEASED BY: [Signature] TIME [Signature] RECEIVED BY: [Signature] DATE 11.10.20 TIME 10:52

SHIPPED VIA: [Signature] TIME SENT: [Signature] COOLER #: [Signature] Page 114 of 117

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 4

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

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												
PZ-2	11-6-20	0850	AQ	6	HCL	VOA	X	X										CHH2011064-11
PZ-5	11-6-20	1216	AQ	6	HCL	VOA	X	X										12
MW-5-13	11-6-20	1030	AQ	6	HCL	VOA	X	X										13
GMW-0-15	11-6-20	1442	AQ	6	HCL	VOA	X	X										14
GMW-0-18	11-6-20	1345	AQ	6	HCL	VOA	X	X										15
GMW-25	11-6-20	0940	AQ	6	HCL	VOA	X	X										16
GMW-30	11-6-20	1106	AQ	6	HCL	VOA	X	X										17
DUP-4	11-6-20		AQ	6	HCL	VOA	X	X										18
DUP-6	11-6-20		AQ	6	HCL	VOA	X	X										19
EB-8	11-6-20	1500	AQ	6	HCL	VOA	X	X										20

SAMPLING COMPLETED: 11-6-20 | DATE: 11-6-20 | TIME: 1800 | SAMPLING PERFORMED BY: *garrett graves* | RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: *[Signature]* | TIME: 1800 | RECEIVED BY: *Nicole* | DATE: 11/6/20 | TIME: 1500

RELEASED BY: *Nicole* | TIME: 1600 | RECEIVED BY: *FEDEX* | DATE: 11/9/20 | TIME: 1600

RELEASED BY: *[Signature]* | TIME: *[Blank]* | RECEIVED BY: *[Signature]* | DATE: 11.10.20 | TIME: 10:52

SHIPPED VIA: *[Blank]* | TIME SENT: *[Blank]* | COOLER #: *[Blank]* | Page 115 of 117

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 4

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

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												
HL-2	11-5-20	0910	AQ	6	HCL	VOA	X	X										CHH2011064-21
PW-3	11-5-20	0956	AQ	6	HCL	VOA	X	X										22
GMW-20	11-5-20	1045	AQ	6	HCL	VOA	X	X										23
MW-12	11-5-20	1127	AQ	6	HCL	VOA	X	X										24
GMW-8	11-5-20	1215	AQ	6	HCL	VOA	X	X										25
MW-20(MTD)	11-5-20	1402	AQ	6	HCL	VOA	X	X										26
MW-6	11-5-20	1456	AQ	6	HCL	VOA	X	X										27
EB-6	11-5-20	1510	AQ	6	HCL	VOA	X	X										28
EXP-2	11-5-20	1257	AQ	6	HCL	VOA	X	X										29

SAMPLING COMPLETED DATE 11-5-20 TIME 1620 SAMPLING PERFORMED BY *[Signature]* RESULTS NEEDED NO LATER THAN Standard

RELEASED BY *[Signature]* TIME 1500 RECEIVED BY *Nicole* DATE 11/6/20 TIME 1500

RELEASED BY *Nicole* TIME 1600 RECEIVED BY *FEDEX* DATE 11/9/20 TIME 1600

RELEASED BY *[Signature]* TIME *[Blank]* RECEIVED BY *[Signature]* DATE 11.10.20 TIME 10:52

SHIPPED VIA TIME SENT COOLER # Page 116 of 117

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 9 of 4

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												
GWR-1R	11-5-20	0846	AG	6	HCL	VOAS	X	X										CHH2011064-30
DVP-3							X	X										31
GMW-20		0950					X	X										32
MW-15R		1041					X	X										33
GMW-14R		1126					X	X										34
GMW-4R		1209					X	X										35
GMW-0-19		1302					X	X										36
GMW-0-16		1355					X	X										37
EB-5		1438					X	X										38
TB-3		0700		2				X										39

SAMPLING COMPLETED DATE 11-5-20 TIME 1500 SAMPLING PERFORMED BY Kevin Thompson RESULTS NEEDED NO LATER THAN Standard

RELEASED BY [Signature] TIME 1500 RECEIVED BY Nicole DATE 11/6/20 TIME 1500

RELEASED BY Nicole TIME 1600 RECEIVED BY FEDEX DATE 11/9/20 TIME 1600

RELEASED BY [Signature] TIME [Signature] RECEIVED BY [Signature] DATE 11.10.20 TIME 11:52

SHIPPED VIA TIME SENT COOLER # Page 17 of 17 2876 3840



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, 2020

Eric Davis

1000 Wilshire Boulevard
Los Angeles, CA 90017
TEL:
FAX:

RE: DFSP Norwalk

Dear Eric Davis:

Order No.: CHH2011074

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 Manager
255 Glendale Ave, #21
Sparks, Nevada 89431



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

Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-01

Matrix: AQUEOUS

Client Sample ID: TB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074
 Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 7:00:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-01

Matrix: AQUEOUS

Client Sample ID: TB-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 8:19:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-02

Matrix: AQUEOUS

Client Sample ID: MW-SF-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	110	0.50		mg/L	11/19/2020	TPH-E by EPA 8015C
Surr: Nonane	121	63-125		%Rec	11/19/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.20	O	mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	99	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	130	20		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	2.7	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	28	2.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	5.3	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 8:19:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-02

Matrix: AQUEOUS

Client Sample ID: MW-SF-6

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	12		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	8.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

Reporting Limits were increased due to sample foaming.



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 Website: www.alpha-analytical.com

Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 9:09:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-03

Matrix: AQUEOUS

Client Sample ID: GMW-O-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	2.6	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	119	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	5.7	2.0		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	95	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	2,000		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	110	20		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	2,500	10		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	13	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	80		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074
 Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 9:09:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-03

Matrix: AQUEOUS

Client Sample ID: GMW-O-14

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	32	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	74	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	120		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	95	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020

Project: DFSP Norwalk

Lab ID: 2011074-04

Matrix: AQUEOUS

Client Sample ID: DUP-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	2.5	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	119	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	5.4	2.0		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	96	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	2,000		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	120	20		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	2,400	10		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	13	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	80		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020

Project: DFSP Norwalk

Lab ID: 2011074-04

Matrix: AQUEOUS

Client Sample ID: DUP-7

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	34	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	75	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	120		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	96	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 10:05:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-05

Matrix: AQUEOUS

Client Sample ID: GMW-O-21

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.73	0.050	K	mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	113	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	4.9	2.0		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	92	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	2,000		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	26	20		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	2,300	10		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	100		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	80		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 10:05:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-05

Matrix: AQUEOUS

Client Sample ID: GMW-O-21

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	31	10		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	16	10		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	16	10		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	42	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	120		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	80		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	92	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 10:03:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-06

Matrix: AQUEOUS

Client Sample ID: MW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	13	0.50		mg/L	11/19/2020	TPH-E by EPA 8015C
Surr: Nonane	102	63-125		%Rec	11/19/2020	TPH-E by EPA 8015C
TPH-P (GRO)	10	4.0		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	102	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	800		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	1,100	400		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	95	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	4,000		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	800		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	6,200	20		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	200		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	400		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	160		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074
 Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 10:03:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-06

Matrix: AQUEOUS

Client Sample ID: MW-O-2

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	31	20		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	20		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	57	40		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	40		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	240		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	160		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	102	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260

NOTES:

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



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 11:53:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-07

Matrix: AQUEOUS

Client Sample ID: GMW-O-20

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	0.85	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	99	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	0.40	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	86	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	13	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	18	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	17	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	14	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	51	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	1.3	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 11:53:00 AM

Project: DFSP Norwalk

Lab ID: 2011074-07

Matrix: AQUEOUS

Client Sample ID: GMW-O-20

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	0.51	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	0.88	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	1.4	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	0.55	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	4.1	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	7.0	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	1.4	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	1.8	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	3.7	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	86	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011074-08

Matrix: AQUEOUS

Client Sample ID: EB-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
TPH-E (DRO)	ND	0.050		mg/L	11/18/2020	TPH-E by EPA 8015C
Surr: Nonane	91	63-125		%Rec	11/18/2020	TPH-E by EPA 8015C
TPH-P (GRO)	ND	0.050		mg/L	11/19/2020	TPH-P by EPA 8015C
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/19/2020	TPH-P by EPA 8015C
Dichlorodifluoromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloromethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl chloride	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Chloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromomethane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichlorofluoromethane	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Acetone	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Butyl Alcohol (TBA)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Dichloromethane	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Freon-113	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Carbon disulfide	ND	2.5		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Methyl tert-butyl ether (MTBE)	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Vinyl acetate	ND	50		µg/L	11/19/2020	VOCs by EPA 8260
2-Butanone (MEK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
Di-isopropyl Ether (DIPE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chloroform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethyl Tertiary Butyl Ether (ETBE)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloroethane	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1-Dichloropropene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Carbon tetrachloride	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Benzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Tertiary Amyl Methyl Ether (TAME)	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromomethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Trichloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromodichloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Methyl-2-pentanone (MIBK)	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Toluene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichloropropane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Hexanone	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
Dibromochloromethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260



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Analytical Report

WO#: CHH2011074

Report Date: 11/20/2020

CLIENT:

Collection Date: 11/9/2020 12:15:00 PM

Project: DFSP Norwalk

Lab ID: 2011074-08

Matrix: AQUEOUS

Client Sample ID: EB-9

Analyses	Result	RL	Qual	Units	Date Analyzed	Method
Tetrachloroethene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Chlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Ethylbenzene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
m,p-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Bromoform	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Xylenes, Total	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
Styrene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
o-Xylene	ND	0.50		µg/L	11/19/2020	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichloropropane	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Isopropylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
Bromobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Propylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
2-Chlorotoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3,5-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
tert-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trimethylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
sec-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
4-Isopropyltoluene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
n-Butylbenzene	ND	1.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0		µg/L	11/19/2020	VOCs by EPA 8260
1,2,4-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Naphthalene	ND	10		µg/L	11/19/2020	VOCs by EPA 8260
1,2,3-Trichlorobenzene	ND	2.0		µg/L	11/19/2020	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: Toluene-d8	98	70-130		%Rec	11/19/2020	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	99	70-130		%Rec	11/19/2020	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/E_W

Sample ID: MB-11886	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L
Client ID: PBW	Batch ID: 11886	TestNo: SW8015	SW8015
Prep Date: 11/18/2020	RunNo: 10505	SeqNo: 300478	
Analysis Date: 11/18/2020			

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	0.18		0.15		117	63	125				

Sample ID: LCS-11886	SampType: LCS	TestCode: TPH/E_W	Units: mg/L
Client ID: LCSW	Batch ID: 11886	TestNo: SW8015	SW8015
Prep Date: 11/18/2020	RunNo: 10505	SeqNo: 300479	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.87	0.05	2.5	0	115	89.6	123				
Surr: Nonane	0.165		0.15		110	60	129				

Sample ID: 2011074-08AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-9MSD	Batch ID: 11886	TestNo: SW8015	SW8015
Prep Date: 11/18/2020	RunNo: 10505	SeqNo: 300485	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	2.97	0.1	2.5	0	119	79	140	3.26	9.3	8	R
Surr: Nonane	0.315		0.3		105	68.8	128	0.327	0	0	

Sample ID: 2011074-08AMS	SampType: MS	TestCode: TPH/E_W	Units: mg/L
Client ID: EB-9MS	Batch ID: 11886	TestNo: SW8015	SW8015
Prep Date: 11/18/2020	RunNo: 10505	SeqNo: 300484	
Analysis Date: 11/18/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-E (DRO)	3.26	0.1	2.5	0	130	79	140				
Surr: Nonane	0.327		0.3		109	68.8	128				

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



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: MB-11899	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L
Client ID: PBW	Batch ID: A11899B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300581	
Analysis Date: 11/19/2020			

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	0.01		0.01		100	69.51	130.49				
Surr: Toluene-d8	0.01		0.01		100	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		100	69.51	130.49				

Sample ID: GLCS-11899	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L
Client ID: BatchQC	Batch ID: A11899B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300580	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	0.389	0.05	0.4	0	97.2	73.9	126				
Surr: 1,2-Dichloroethane-d4	0.00993		0.01		99.3	69.51	130.49				
Surr: Toluene-d8	0.00971		0.01		97.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.011		0.01		110	69.51	130.49				

Sample ID: 2011074-08AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-9	Batch ID: A11899B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300583	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.06	0.25	2	0	103	60	125	2.02	2	28	
Surr: 1,2-Dichloroethane-d4	0.0497		0.05		99.3	69.51	130.49	0.0499	0	0	
Surr: Toluene-d8	0.0484		0.05		96.9	69.51	130.49	0.047	0	0	
Surr: 4-Bromofluorobenzene	0.0523		0.05		105	69.51	130.49	0.0528	0	0	

Sample ID: 2011074-08AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L
Client ID: EB-9	Batch ID: A11899B	TestNo: SW8015	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300582	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	2.02	0.25	2	0	101	60	125				
Surr: 1,2-Dichloroethane-d4	0.0499		0.05		99.9	69.51	130.49				
Surr: Toluene-d8	0.047		0.05		94.1	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0528		0.05		106	69.51	130.49				

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



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QC SUMMARY REPORT

WO#: **2011074**
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: TPH/P_W

Sample ID: 2011074-08AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L								
Client ID: EB-9	Batch ID: A11899B	TestNo: SW8015									
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300582									
Analysis Date: 11/19/2020											
Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

- Qualifiers:**
- B Analyte detected in the associated Method Blank
 - ND Not Detected at the Reporting Limit
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 - S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11899	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300562	
Analysis Date: 11/19/2020			

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

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



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: MB-11899	SampType: MBLK	TestCode: VOC_W	Units: µg/L
Client ID: PBW	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300562	
Analysis Date: 11/19/2020			

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

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



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11899	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300561	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	7.06	1	10	0	70.6	16.9	124				
Chloromethane	6.92	2	10	0	69.2	25.9	136				
Vinyl chloride	10.4	1	10	0	104	47.8	132				
Chloroethane	9.46	1	10	0	94.6	62.3	169				
Bromomethane	13.6	2	10	0	136	33.8	135				S
Trichlorofluoromethane	9.63	1	10	0	96.3	16.8	155				
Acetone	228	10	200	0	114	72	124				
1,1-Dichloroethene	11.4	1	10	0	114	65.2	129				
Tertiary Butyl Alcohol (TBA)	112	10	100	0	112	52.9	128.4				
Dichloromethane	9.4	2	10	0	94.0	65.2	129				
Freon-113	11.2	1	10	0	112	52.4	143				
trans-1,2-Dichloroethene	11.4	1	10	0	114	66.7	132				
Methyl tert-butyl ether (MTBE)	10.2	0.5	10	0	102	52.9	125				
1,1-Dichloroethane	9.57	1	10	0	95.7	66.6	129				
2-Butanone (MEK)	226	10	200	0	113	63.7	120.4				
Di-isopropyl Ether (DIPE)	9.21	1	10	0	92.1	63.6	131				
cis-1,2-Dichloroethene	11	1	10	0	110	59.2	131				
Bromochloromethane	10.6	1	10	0	106	65.9	121				
Chloroform	9.86	1	10	0	98.6	56.5	149				
Ethyl Tertiary Butyl Ether (ETBE)	11	1	10	0	110	44.6	136				
2,2-Dichloropropane	10.7	1	10	0	107	58.2	146				
1,2-Dichloroethane	8.04	1	10	0	80.4	73.4	120.4				
1,1,1-Trichloroethane	9.35	1	10	0	93.5	52.7	144				
1,1-Dichloropropene	10.2	1	10	0	102	85.6	131				
Carbon tetrachloride	9.43	1	10	0	94.3	30.9	175				
Benzene	10.1	0.5	10	0	101	79.5	120.4				
Tertiary Amyl Methyl Ether (TAME)	7.33	1	10	0	73.3	52.4	141				
Dibromomethane	9.57	1	10	0	95.7	78.5	120.4				
1,2-Dichloropropane	10.2	1	10	0	102	79.5	126				
Trichloroethene	9.68	1	10	0	96.8	69	120.4				
Bromodichloromethane	10.1	1	10	0	101	73.9	122				
4-Methyl-2-pentanone (MIBK)	18.1	2.5	25	0	72.6	66.4	122				
cis-1,3-Dichloropropene	9.12	1	10	0	91.2	78.7	120.4				
trans-1,3-Dichloropropene	7.96	1	10	0	79.6	70.2	120.4				
1,1,2-Trichloroethane	9.56	1	10	0	95.6	76.2	120.4				
Toluene	10.9	0.5	10	0	109	79.7	126				
1,3-Dichloropropane	10.7	1	10	0	107	71.7	131				
2-Hexanone	92	5	100	0	92.0	52.9	152				
Dibromochloromethane	9.79	1	10	0	97.9	79.5	120.4				
1,2-Dibromoethane (EDB)	21.8	2	20	0	109	76.4	120.4				

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



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: LCS-11899	SampType: LCS	TestCode: VOC_W	Units: µg/L
Client ID: LCSW	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300561	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	11.6	1	10	0	116	64	123				
1,1,1,2-Tetrachloroethane	11.1	1	10	0	111	77.9	120.4				
Chlorobenzene	11.6	1	10	0	116	70.9	120.4				
Ethylbenzene	10.7	0.5	10	0	107	77.5	120.4				
m,p-Xylene	10.7	0.5	10	0	107	74.8	120.4				
Bromoform	9.92	1	10	0	99.2	51.3	120.4				
Xylenes, Total	21	0.5	20	0	105	77.6	120.4				
Styrene	10.6	1	10	0	106	71.9	120.4				
o-Xylene	10.3	0.5	10	0	103	79.1	120.4				
1,1,2,2-Tetrachloroethane	9.35	1	10	0	93.5	55.6	138				
1,2,3-Trichloropropane	17.7	2	20	0	88.3	73.4	120.4				
Isopropylbenzene	11.6	1	10	0	116	78.7	148				
Bromobenzene	11.5	1	10	0	115	79.5	121				
n-Propylbenzene	11.5	1	10	0	115	82.5	134				
4-Chlorotoluene	10.8	1	10	0	108	79.5	135				
2-Chlorotoluene	11.6	1	10	0	116	79.5	131				
1,3,5-Trimethylbenzene	10.8	1	10	0	108	79.5	135				
tert-Butylbenzene	10.1	1	10	0	101	79.5	139				
1,2,4-Trimethylbenzene	10.1	1	10	0	101	79.5	138				
sec-Butylbenzene	10.4	1	10	0	104	79.5	132				
1,3-Dichlorobenzene	10.6	1	10	0	106	79.5	125				
1,4-Dichlorobenzene	10.1	1	10	0	101	79.5	123				
4-Isopropyltoluene	9.85	1	10	0	98.5	79.5	130				
1,2-Dichlorobenzene	10.2	1	10	0	102	79.5	121				
n-Butylbenzene	10.1	1	10	0	101	79.5	136				
1,2-Dibromo-3-chloropropane (DBCP)	38.7	3	50	0	77.5	72.1	136				
1,2,4-Trichlorobenzene	8.02	2	10	0	80.2	73.3	126				
Naphthalene	8.31	2	10	0	83.1	47.2	142				
1,2,3-Trichlorobenzene	7.62	2	10	0	76.2	67.4	130				
Surr: 1,2-Dichloroethane-d4	11.1		10		111	69.51	130.5				
Surr: Toluene-d8	9.71		10		97.1	69.51	130.5				
Surr: 4-Bromofluorobenzene	11.1		10		111	69.51	130.5				

Sample ID: 2011062-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10506	SeqNo: 300610	
Analysis Date: 11/20/2020			

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 Blan
 - ND Not Detected at the Reporting Limit
 - R RPD outside accepted recovery limits
 - S Spike Recovery outside accepted recovery limit



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

QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011062-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10506	SeqNo: 300610	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	30.3	5	50	0	60.5	5.1	155	39.3	26	38	
Chloromethane	32.2	10	50	0	64.4	37.7	121	40.1	22	22.5	
Vinyl chloride	45.8	5	50	0	91.7	60.4	140	64	33	23.9	R
Chloroethane	49.2	5	50	0	98.4	43.1	206	74.7	41	22.9	R
Bromomethane	35.9	10	50	0	71.8	12.6	168	88.8	85	48	R
Trichlorofluoromethane	48.5	5	50	0	97.0	58.6	163	67.1	32	33.3	
Acetone	1250	50	1000	10.9	124	37.3	152	943	28	50	
1,1-Dichloroethene	60.1	5	50	0	120	69.8	158	73.4	20	21.7	
Tertiary Butyl Alcohol (TBA)	615	50	500	0	123	60.4	158	629	2.3	26.8	
Dichloromethane	53.5	10	50	0	107	71.7	132	57.6	7.5	20	
Freon-113	58	5	50	0	116	52.1	166	68.1	16	25.9	
trans-1,2-Dichloroethene	61.2	5	50	0	122	72	136	72.1	16	19.2	
Methyl tert-butyl ether (MTBE)	56.1	2.5	50	2.61	107	54.8	155	63.8	13	21.4	
1,1-Dichloroethane	51.6	5	50	0	103	76.9	140	59.2	14	18	
2-Butanone (MEK)	1210	50	1000	0	121	73.7	142	1190	1.9	20.9	
Di-isopropyl Ether (DIPE)	50.2	5	50	0	100	74.8	136	55.9	11	18.2	
cis-1,2-Dichloroethene	58.8	5	50	0	118	73.9	133	67	13	20.1	
Bromochloromethane	57.2	5	50	0	114	75.8	132	62.4	8.7	23.5	
Chloroform	51.8	5	50	0	104	74.3	130	59.3	14	18	
Ethyl Tertiary Butyl Ether (ETBE)	60.7	5	50	0	121	74.8	138	66	8.3	20.3	
2,2-Dichloropropane	54.5	5	50	0	109	53.9	146	63.4	15	52.3	
1,2-Dichloroethane	42.5	5	50	0	85.0	72.6	144	45.8	7.5	17.1	
1,1,1-Trichloroethane	48.3	5	50	0	96.5	70.2	138	58.4	19	22.2	
1,1-Dichloropropene	52.8	5	50	0	106	69.7	146	63	18	29.6	
Carbon tetrachloride	45.2	5	50	0	90.4	58.2	141	55.8	21	31.9	
Benzene	53.5	2.5	50	0	107	67.8	140	61.6	14	18.1	
Tertiary Amyl Methyl Ether (TAME)	38.1	5	50	2.78	70.7	72.3	144	41.6	8.8	20.6	S
Dibromomethane	50.6	5	50	0	101	75.2	144	55	8.4	19.5	
1,2-Dichloropropane	51.4	5	50	0	103	75.3	144	57.7	12	19.7	
Trichloroethene	49.6	5	50	0	99.2	65.7	131	58.8	17	25.3	
Bromodichloromethane	48.5	5	50	0	97.1	70.2	141	55.8	14	20.5	
4-Methyl-2-pentanone (MIBK)	95.8	12.5	125	0	76.7	57.9	143	102	5.8	21.3	
cis-1,3-Dichloropropene	45.9	5	50	0	91.9	56.9	132	48.3	5	25.8	
trans-1,3-Dichloropropene	41.5	5	50	0	82.9	72	131	44.4	6.9	26.4	
1,1,2-Trichloroethane	51.8	5	50	0	104	74	130	56.6	8.8	21.9	
Toluene	55.3	2.5	50	0	111	67.2	131	64.8	16	18.3	
1,3-Dichloropropane	54.9	5	50	0	110	74.2	124	61.1	11	21.7	
2-Hexanone	467	25	500	0	93.4	66.7	135	474	1.4	20.9	
Dibromochloromethane	47.2	5	50	0	94.3	71.5	134	53.6	13	24.1	
1,2-Dibromoethane (EDB)	115	10	100	0	115	74.7	129	125	8.2	23.1	

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



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011062-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/20/2020	RunNo: 10506	SeqNo: 300610	
Analysis Date: 11/20/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	58.5	5	50	0.57	116	45.9	138	68.8	16	30.9	
1,1,1,2-Tetrachloroethane	55.1	5	50	0	110	75.7	125	62.7	13	22.6	
Chlorobenzene	59.8	5	50	0	120	73.7	120	67.2	12	23.1	
Ethylbenzene	54.2	2.5	50	0	108	70.3	122	61.8	13	25.3	
m,p-Xylene	54.8	2.5	50	0	110	52.9	136	60.6	10	26.6	
Bromoform	48	5	50	0	96.0	61.5	141	52.4	8.7	25	
Xylenes, Total	109	2.5	100	0	109	61	131	119	8.5	25.6	
Styrene	56	5	50	0	112	74	130	60.1	7	26	
o-Xylene	54.5	2.5	50	0	109	67.3	129	58.4	6.9	25	
1,1,2,2-Tetrachloroethane	51.6	5	50	0	103	62.4	153	53.4	3.3	24.6	
1,2,3-Trichloropropane	98	10	100	0	98.0	37.4	171	101	3	50	
Isopropylbenzene	51.9	5	50	0	104	63	132	59.2	13	33.1	
Bromobenzene	55	5	50	0	110	65.1	120	61	10	23.6	
n-Propylbenzene	54.5	5	50	0	109	58.2	128	60.4	10	32.4	
4-Chlorotoluene	52.7	5	50	0	105	63.9	127	56.3	6.6	29.1	
2-Chlorotoluene	55.1	5	50	0	110	63.2	126	59.7	8.1	28.9	
1,3,5-Trimethylbenzene	51.7	5	50	0	103	63.8	138	54.8	5.8	31.9	
tert-Butylbenzene	49.3	5	50	0	98.5	59.7	128	52.6	6.7	36.2	
1,2,4-Trimethylbenzene	49.5	5	50	0	98.9	65.1	135	51.4	3.9	28.8	
sec-Butylbenzene	50.8	5	50	0	102	55.5	128	52.4	3.2	40.9	
1,3-Dichlorobenzene	53.1	5	50	0	106	64.5	122	54.5	2.8	28.6	
1,4-Dichlorobenzene	50.1	5	50	0	100	63.7	121	52.2	4.1	27.7	
4-Isopropyltoluene	48.6	5	50	0	97.2	58	135	49.1	1.1	40.4	
1,2-Dichlorobenzene	50	5	50	0	100	66.7	122	52.5	4.8	24.5	
n-Butylbenzene	48.1	5	50	0	96.1	52.7	139	47.9	0.31	43.5	
1,2-Dibromo-3-chloropropane (DBCP)	180	15	250	0	71.9	59.1	143	205	13	24.9	
1,2,4-Trichlorobenzene	36.1	10	50	0	72.2	47.1	139	36.7	1.7	35	
Naphthalene	33.6	10	50	0	67.2	31.6	164	40.9	20	50	
1,2,3-Trichlorobenzene	32.4	10	50	0	64.9	17.7	171	34.8	7	57	
Surr: 1,2-Dichloroethane-d4	55.2		50		110	69.51	130.49	48.7	0	0	
Surr: Toluene-d8	46.7		50		93.5	69.51	130.49	48	0	0	
Surr: 4-Bromofluorobenzene	51.3		50		103	69.51	130.49	51.8	0	0	

Sample ID: 2011062-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300612	
Analysis Date: 11/19/2020			

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 limit



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011062-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300612	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	39.3	5	50	0	78.7	5.1	155				
Chloromethane	40.1	10	50	0	80.2	37.7	121				
Vinyl chloride	64	5	50	0	128	60.4	140				
Chloroethane	74.7	5	50	0	149	43.1	206				
Bromomethane	88.8	10	50	0	178	12.6	168				S
Trichlorofluoromethane	67.1	5	50	0	134	58.6	163				
Acetone	943	50	1000	10.9	93.2	37.3	152				
1,1-Dichloroethene	73.4	5	50	0	147	69.8	158				
Tertiary Butyl Alcohol (TBA)	629	50	500	0	126	60.4	158				
Dichloromethane	57.6	10	50	0	115	71.7	132				
Freon-113	68.1	5	50	0	136	52.1	166				
trans-1,2-Dichloroethene	72.1	5	50	0	144	72	136				S
Methyl tert-butyl ether (MTBE)	63.8	2.5	50	2.61	122	54.8	155				
1,1-Dichloroethane	59.2	5	50	0	118	76.9	140				
2-Butanone (MEK)	1190	50	1000	0	119	73.7	142				
Di-isopropyl Ether (DIPE)	55.9	5	50	0	112	74.8	136				
cis-1,2-Dichloroethene	67	5	50	0	134	73.9	133				S
Bromochloromethane	62.4	5	50	0	125	75.8	132				
Chloroform	59.3	5	50	0	119	74.3	130				
Ethyl Tertiary Butyl Ether (ETBE)	66	5	50	0	132	74.8	138				
2,2-Dichloropropane	63.4	5	50	0	127	53.9	146				
1,2-Dichloroethane	45.8	5	50	0	91.7	72.6	144				
1,1,1-Trichloroethane	58.4	5	50	0	117	70.2	138				
1,1-Dichloropropene	63	5	50	0	126	69.7	146				
Carbon tetrachloride	55.8	5	50	0	112	58.2	141				
Benzene	61.6	2.5	50	0	123	67.8	140				
Tertiary Amyl Methyl Ether (TAME)	41.6	5	50	2.78	77.7	72.3	144				
Dibromomethane	55	5	50	0	110	75.2	144				
1,2-Dichloropropane	57.7	5	50	0	115	75.3	144				
Trichloroethene	58.8	5	50	0	118	65.7	131				
Bromodichloromethane	55.8	5	50	0	112	70.2	141				
4-Methyl-2-pentanone (MIBK)	102	12.5	125	0	81.2	57.9	143				
cis-1,3-Dichloropropene	48.3	5	50	0	96.6	56.9	132				
trans-1,3-Dichloropropene	44.4	5	50	0	88.8	72	131				
1,1,2-Trichloroethane	56.6	5	50	0	113	74	130				
Toluene	64.8	2.5	50	0	130	67.2	131				
1,3-Dichloropropane	61.1	5	50	0	122	74.2	124				
2-Hexanone	474	25	500	0	94.7	66.7	135				
Dibromochloromethane	53.6	5	50	0	107	71.5	134				
1,2-Dibromoethane (EDB)	125	10	100	0	125	74.7	129				

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



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QC SUMMARY REPORT

WO#: 2011074
 20-Nov-20

Client:

Project: DFSP Norwalk

TestCode: VOC_W

Sample ID: 2011062-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L
Client ID: BatchQC	Batch ID: A11899	TestNo: SW8260C	
Prep Date: 11/19/2020	RunNo: 10506	SeqNo: 300612	
Analysis Date: 11/19/2020			

Analyte	Result	PQL	SPK Value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	68.8	5	50	0.57	136	45.9	138				
1,1,1,2-Tetrachloroethane	62.7	5	50	0	125	75.7	125				S
Chlorobenzene	67.2	5	50	0	134	73.7	120				S
Ethylbenzene	61.8	2.5	50	0	124	70.3	122				S
m,p-Xylene	60.6	2.5	50	0	121	52.9	136				
Bromoform	52.4	5	50	0	105	61.5	141				
Xylenes, Total	119	2.5	100	0	119	61	131				
Styrene	60.1	5	50	0	120	74	130				
o-Xylene	58.4	2.5	50	0	117	67.3	129				
1,1,2,2-Tetrachloroethane	53.4	5	50	0	107	62.4	153				
1,2,3-Trichloropropane	101	10	100	0	101	37.4	171				
Isopropylbenzene	59.2	5	50	0	118	63	132				
Bromobenzene	61	5	50	0	122	65.1	120				S
n-Propylbenzene	60.4	5	50	0	121	58.2	128				
4-Chlorotoluene	56.3	5	50	0	113	63.9	127				
2-Chlorotoluene	59.7	5	50	0	119	63.2	126				
1,3,5-Trimethylbenzene	54.8	5	50	0	110	63.8	138				
tert-Butylbenzene	52.6	5	50	0	105	59.7	128				
1,2,4-Trimethylbenzene	51.4	5	50	0	103	65.1	135				
sec-Butylbenzene	52.4	5	50	0	105	55.5	128				
1,3-Dichlorobenzene	54.5	5	50	0	109	64.5	122				
1,4-Dichlorobenzene	52.2	5	50	0	104	63.7	121				
4-Isopropyltoluene	49.1	5	50	0	98.2	58	135				
1,2-Dichlorobenzene	52.5	5	50	0	105	66.7	122				
n-Butylbenzene	47.9	5	50	0	95.8	52.7	139				
1,2-Dibromo-3-chloropropane (DBCP)	205	15	250	0	82.1	59.1	143				
1,2,4-Trichlorobenzene	36.7	10	50	0	73.4	47.1	139				
Naphthalene	40.9	10	50	0	81.8	31.6	164				
1,2,3-Trichlorobenzene	34.8	10	50	0	69.6	17.7	171				
Surr: 1,2-Dichloroethane-d4	48.7		50		97.4	69.51	130.49				
Surr: Toluene-d8	48		50		95.9	69.51	130.49				
Surr: 4-Bromofluorobenzene	51.8		50		104	69.51	130.49				

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



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Definition Only

WO#: 2011074
Date: 11/20/2020

Definitions:

ND = Not Detected

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

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

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

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

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

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

O = Reporting Limits were increased due to sample foaming.

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

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

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

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

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

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

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

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Benny Pataray
 Danny Hill
 Eric Davis
 Malcolm Thomas
 Malcom 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: CHH2011074
 Report Due By: 20-Nov-20
 EDD Required: YES

Report Attention: Eric Davis

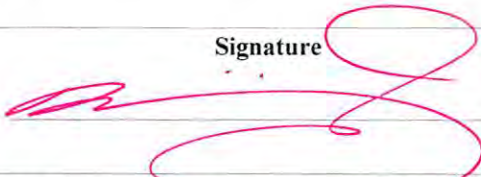
Client:
 CH2M Hill
 1000 Wilshire Boulevard
 Los Angeles, CA 90017

TEL: 2132288271
 FAX: 7144242135
 ProjectNo: DFSP Norwalk

Date Received: 11-Nov-20

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					
CHH2011074-01	TB-6	AQ	11/9/2020 7:00:00 AM	2	0	7			A - TPHE(0.05) +Vinyl acetate					Client provided TB
CHH2011074-02	MW-SF-6	AQ	11/9/2020 8:19:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011074-03	GMW-O-14	AQ	11/9/2020 9:09:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011074-04	DUP-7	AQ	11/9/2020	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011074-05	GMW-O-21	AQ	11/9/2020 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					
CHH2011074-06	MW-O-2	AQ	11/9/2020 10:03:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011074-07	GMW-O-20	AQ	11/9/2020 11:53:00 AM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					
CHH2011074-08	EB-9	AQ	11/9/2020 12:15:00 PM	6	0	7	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate	A - TPHE(0.05) +Vinyl acetate					

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

Logged in by:		Print Name	Company	Date/Time
		Daija Nordyke	Alpha Analytical, Inc.	11.11.20 10:25

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 1

CHAIN OF CUSTODY

CLIENT: Kinder Morgan
 SITE: DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

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

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											
TB-6	11/09/20	0700	AG	2	HCL	VOA		X								CHH201107451
MW-SF-6		0819		6			X	X								02
GMW-0-14		0909		6			X	X								03
DUP-7				6			X	X								04
GMW-0-21		1055		6			X	X								05
MW-0-2		1003		6			X	X								06
GMW-0-20		1153		6			X	X								07
EB-9		1215		6			X	X								08

SAMPLING COMPLETED: 11/09/20 1330
 SAMPLING PERFORMED BY: Fredy Aguilar
 RESULTS NEEDED NO LATER THAN: Standard

RELEASED BY: [Signature] TIME: 1600 RECEIVED BY: Nicole DATE: 11/09/20 TIME: 1600

RELEASED BY: Nicole TIME: 1600 RECEIVED BY: FEDEX DATE: 11/10/20 TIME: 1600

RELEASED BY: [Signature] TIME: [Blank] RECEIVED BY: [Signature] DATE: 11.11.20 TIME: [Blank]

SHIPPED VIA: [Blank] TIME SENT: [Blank] COOLER #: 3868 2189

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS
NOVEMBER 1996 THROUGH NOVEMBER 2020

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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 2020
 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 2020
 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 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/12/99	79.81	----	47.30	----	32.51
EXP-4	11/15/99	79.81	----	47.18	----	32.63
EXP-4	12/21/99	79.81	----	46.42	----	33.39
EXP-4	01/20/00	79.81	----	46.29	----	33.52
EXP-4	02/28/00	79.81	----	45.89	----	33.92
EXP-4	03/28/00	79.81	----	45.61	----	34.20
EXP-4	04/20/00	79.81	----	46.12	----	33.69
EXP-4	05/15/00	79.81	----	46.39	----	33.42
EXP-4	06/30/00	79.81	----	47.42	----	32.39
EXP-4	08/28/00	79.81	----	48.35	----	31.46
EXP-4	11/13/00	79.81	----	48.15	----	31.66
EXP-4	02/05/01	79.81	----	47.26	----	32.55
EXP-4	05/07/01	79.81	----	47.01	----	32.80
EXP-4	09/18/01	79.81	----	49.10	----	30.71
EXP-4	11/05/01	79.81	----	48.97	----	30.84
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/19/04	72.41	----	45.41	----	27.00
EXP-5	07/19/04	72.41	----	47.55	----	24.86
EXP-5	02/01/05	72.41	----	47.07	----	25.34
EXP-5	05/02/05	72.41	----	45.81	----	26.60
EXP-5	08/01/05	72.41	----	45.37	----	27.04
EXP-5	10/31/05	72.41	----	46.83	----	25.58
EXP-5	02/27/06	72.41	----	47.21	----	25.20
EXP-5	05/01/06	72.41	----	43.34	----	29.07
EXP-5	09/18/06	72.41	----	44.88	----	27.53
EXP-5	12/04/06	72.41	----	49.73	----	22.68
EXP-5	03/12/07	72.41	----	43.02	----	29.39
EXP-5	04/30/07	72.41	----	43.02	----	29.39
EXP-5	08/28/07	72.41	----	45.86	----	26.55
EXP-5	11/12/07	72.41	----	46.37	----	26.04
EXP-5	02/19/08	72.41	----	45.90	----	26.51
EXP-5	04/14/08	72.41	----	45.73	----	26.68
EXP-5	08/11/08	72.41	----	47.68	----	24.73
EXP-5	10/13/08	72.41	----	48.19	----	24.22
EXP-5	04/20/09	72.41	----	47.86	----	24.55
EXP-5	07/20/09	72.41	----	49.10	----	23.31
EXP-5	10/19/09	72.41	----	50.61	----	21.80
EXP-5	03/15/10	72.41	----	49.02	----	23.39
EXP-5	05/24/10	72.41	----	49.54	----	22.87
EXP-5	05/28/10	72.41	----	49.49	----	22.92
EXP-5	10/04/10	72.41	----	50.35	----	22.06
EXP-5	01/10/11	72.41	----	48.69	----	23.72
EXP-5	04/11/11	72.41	----	49.82	----	22.59
EXP-5	07/11/11	72.41	----	47.42	----	24.99
EXP-5	10/10/11	72.41	----	49.58	----	22.83
EXP-5	01/09/12	72.41	----	46.53	----	25.88
EXP-5	04/16/12	72.41	----	46.21	----	26.20
EXP-5	07/09/12	72.41	----	46.88	----	25.53
EXP-5	10/15/12	72.41	----	47.78	----	24.63
EXP-5	01/14/13	72.41	----	46.64	----	25.77
EXP-5	04/08/13	72.41	----	46.58	----	25.83
EXP-5	10/07/13	72.41	----	50.13	----	22.28
EXP-5	04/14/14	72.41	----	49.42	----	22.99
EXP-5	10/27/14	72.41	----	52.58	----	19.83
EXP-5	04/20/15	72.41	----	51.71	----	20.70
EXP-5	10/19/15	72.41	----	53.27	----	19.14
EXP-5	04/11/16	72.41	----	53.40	----	19.01
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/16/18	72.41	----	53.83	----	18.58
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
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
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

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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)
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
GMW-1	05/28/96	74.77	----	26.93	----	47.84
GMW-1	11/20/96	74.77	----	27.73	----	47.04
GMW-1	07/01/97	74.77	----	27.97	----	46.80
GMW-1	12/31/97	74.77	----	27.85	----	46.92
GMW-1	05/01/98	74.77	----	24.77	----	50.00
GMW-1	05/04/99	74.77	----	25.75	----	49.02
GMW-1	08/09/99	74.77	----	26.24	----	48.53
GMW-1	11/15/99	74.77	----	26.39	----	48.38
GMW-1	05/15/00	74.77	----	26.26	----	48.51
GMW-1	11/13/00	74.77	----	26.95	----	47.82
GMW-1	05/07/01	74.77	----	25.50	----	49.27
GMW-1	11/05/01	74.77	----	25.53	----	49.24
GMW-1	04/08/02	74.77	----	26.10	----	48.67
GMW-1	10/21/02	74.77	----	26.82	----	47.95

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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-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
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

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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-1	05/04/20	74.77	----	32.90	----	41.87
GMW-1	11/02/20	74.77	obstruction at 27.94 feet			
GMW-2	05/28/96	73.57	----	26.10	----	47.47
GMW-2	11/20/96	73.57	----	26.77	----	46.80
GMW-2	07/01/97	73.57	----	27.63	----	45.94
GMW-2	12/31/97	73.57	----	26.94	----	46.63
GMW-2	05/01/98	73.57	----	24.02	----	49.55
GMW-2	05/04/99	73.57	----	25.38	----	48.19
GMW-2	08/09/99	73.57	----	25.68	----	47.89
GMW-2	11/15/99	73.57	----	25.49	----	48.08
GMW-2	05/15/00	73.57	----	25.63	----	47.94
GMW-2	11/13/00	73.57	----	26.42	----	47.15
GMW-2	05/07/01	73.57	----	25.65	----	47.92
GMW-2	11/05/01	73.57	----	24.61	----	48.96
GMW-2	04/08/02	73.57	----	25.36	----	48.21
GMW-2	10/21/02	73.57	----	25.91	----	47.66
GMW-2	04/07/03	73.57	----	25.09	----	48.48
GMW-2	10/06/03	73.57	----	25.47	----	48.10
GMW-2	01/11/04	73.57	----	26.76	----	46.81
GMW-2	04/19/04	73.57	----	26.63	----	46.94
GMW-2	05/02/05	73.57	----	21.51	----	52.06
GMW-2	10/31/05	73.57	----	26.42	----	47.15
GMW-2	05/09/06	73.57	----	22.53	----	51.04
GMW-2	12/04/06	73.57	----	23.40	----	50.17
GMW-2	04/30/07	73.57	----	23.61	----	49.96
GMW-2	11/12/07	73.57	----	23.94	----	49.63
GMW-2	04/14/08	73.57	----	24.24	----	49.33
GMW-2	10/13/08	73.57	----	24.95	----	48.62
GMW-2	04/20/09	73.57	----	25.00	----	48.57
GMW-2	10/19/09	73.57	----	26.22	----	47.35
GMW-2	05/24/10	73.57	----	25.80	----	47.77
GMW-2	05/28/10	73.57	----	25.80	----	47.77
GMW-2	10/04/10	73.57	----	25.95	----	47.62
GMW-2	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

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-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
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-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

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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
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

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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-4R	11/02/20	75.13	----	33.00	----	42.13
GMW-5	05/28/96	77.61	----	30.52	----	47.09
GMW-5	11/20/96	77.61	----	31.25	----	46.36
GMW-5	07/01/97	77.61	----	30.95	----	46.66
GMW-5	12/31/97	77.61	----	31.16	----	46.45
GMW-5	05/01/98	77.61	----	28.20	----	49.41
GMW-5	05/25/99	77.61	----	29.01	----	48.60
GMW-5	05/15/00	77.61	----	29.91	----	47.70
GMW-5	11/13/00	77.61	----	29.23	----	48.38
GMW-5	05/07/01	77.61	----	28.82	----	48.79
GMW-5	04/08/02	77.61	----	29.95	----	47.66
GMW-5	10/21/02	77.61	----	30.11	----	47.50
GMW-5	04/07/03	77.61	----	29.68	----	47.93
GMW-5	10/06/03	77.61	----	29.55	----	48.06
GMW-5	04/19/04	77.61	----	30.53	----	47.08
GMW-5	05/02/05	77.61	----	25.73	----	51.88
GMW-5	03/06/06	77.61	----	27.02	----	50.59
GMW-5	05/01/06	77.61	----	27.32	----	50.29
GMW-5	08/26/06	77.61	----	27.67	----	49.94
GMW-5	12/01/06	77.61	----	28.03	----	49.58
GMW-5	03/21/07	77.61	----	27.91	----	49.70
GMW-5	04/27/07	77.61	----	28.50	----	49.11
GMW-5	08/28/07	77.61	----	28.19	----	49.42
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 Defense Fuel Support Point Norwalk
 15306 Norwalk Boulevard, Norwalk, California 90650

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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-6	11/20/96	77.31	----	30.76	----	46.55
GMW-6	07/01/97	77.31	----	30.12	----	47.19
GMW-6	12/31/97	77.31	----	30.52	----	46.79
GMW-6	05/01/98	77.31	----	27.48	----	49.83
GMW-6	05/25/99	77.31	----	28.44	----	48.87
GMW-6	05/15/00	77.31	----	29.34	----	47.97
GMW-6	11/13/00	77.31	----	28.67	----	48.64
GMW-6	05/07/01	77.31	----	28.05	----	49.26
GMW-6	04/08/02	77.31	----	29.35	----	47.96
GMW-6	10/21/02	77.31	----	29.90	----	47.41
GMW-6	04/07/03	77.31	----	29.20	----	48.11
GMW-6	10/06/03	77.31	----	29.04	----	48.27
GMW-6	04/19/04	77.31	----	29.97	----	47.34
GMW-6	11/01/04	77.31	----	29.90	----	47.41
GMW-6	05/02/05	77.31	----	24.97	----	52.34
GMW-6	03/06/06	77.31	----	26.54	----	50.77
GMW-6	05/01/06	77.31	----	26.75	----	50.56
GMW-6	08/26/06	77.31	----	27.12	----	50.19
GMW-6	12/01/06	77.31	----	27.52	----	49.79
GMW-6	03/21/07	77.31	----	28.06	----	49.25
GMW-6	04/27/07	77.31	----	28.02	----	49.29
GMW-6	08/28/07	77.31	----	28.51	----	48.80
GMW-6	11/12/07	77.31	----	28.48	----	48.83
GMW-6	02/05/08	77.31	----	29.32	----	47.99
GMW-6	04/11/08	77.31	----	28.34	----	48.97
GMW-6	07/24/08	77.31	----	28.81	----	48.50
GMW-6	10/13/08	77.31	----	29.48	----	47.83
GMW-6	02/09/09	77.31	----	29.62	----	47.69
GMW-6	04/20/09	77.31	----	29.21	----	48.10
GMW-6	07/16/09	77.31	----	29.51	----	47.80
GMW-6	10/19/09	77.31	----	29.94	----	47.37
GMW-6	04/07/10	77.31	----	29.74	----	47.57
GMW-6	04/12/10	77.31	----	29.42	----	47.89
GMW-6	01/06/11	77.31	----	30.23	----	47.08
GMW-6	02/24/11	77.31	----	29.29	----	48.02

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GMW-6	04/08/11	77.31	----	28.86	----	48.45
GMW-6	07/07/11	77.31	----	29.16	----	48.15
GMW-6	10/06/11	77.31	----	29.62	----	47.69
GMW-6	04/12/12	77.31	----	30.86	----	46.45
GMW-6	04/19/12	77.31	----	30.57	----	46.74
GMW-6	01/10/13	77.31	----	31.96	----	45.35
GMW-6	04/02/13	77.31	----	31.91	----	45.40
GMW-6	04/08/13	77.31	----	31.91	----	45.40
GMW-6	10/01/13	77.31	----	32.66	----	44.65
GMW-6	04/07/14	77.31	----	33.33	----	43.98
GMW-6	04/14/14	77.31	----	33.18	----	44.13
GMW-6	10/27/14	77.31	----	33.65	----	43.66
GMW-6	04/20/15	77.31	----	33.95	----	43.36
GMW-6	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-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

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)
GMW-7	08/26/06	75.84	----	25.66	----	50.18
GMW-7	12/01/06	75.84	----	25.98	----	49.86
GMW-7	03/21/07	75.84	----	26.58	----	49.26
GMW-7	04/30/07	75.84	----	26.49	----	49.35
GMW-7	08/28/07	75.84	----	26.92	----	48.92
GMW-7	11/12/07	75.84	----	27.08	----	48.76
GMW-7	02/05/08	75.84	----	27.61	----	48.23
GMW-7	04/14/08	75.84	----	26.70	----	49.14
GMW-7	10/14/08	75.84	27.76	27.79	0.03	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-8	05/28/96	73.20	----	26.42	----	46.78
GMW-8	11/20/96	73.20	----	26.72	----	46.48
GMW-8	07/01/97	73.20	----	28.07	----	45.13
GMW-8	12/31/97	73.20	----	26.85	----	46.35
GMW-8	05/01/98	73.20	----	24.24	----	48.96
GMW-8	05/04/99	73.20	----	25.51	----	47.69
GMW-8	11/15/99	73.20	----	25.66	----	47.54
GMW-8	05/15/00	73.20	----	26.03	----	47.17
GMW-8	11/13/00	73.20	----	26.45	----	46.75
GMW-8	05/07/01	73.20	----	24.49	----	48.71
GMW-8	11/05/01	73.20	----	24.38	----	48.82
GMW-8	04/08/02	73.20	----	25.49	----	47.71
GMW-8	10/21/02	73.20	----	26.43	----	46.77

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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-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
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

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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-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-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

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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-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

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	05/01/06	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
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

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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-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
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-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

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)
GMW-13	02/01/02	74.17	----	24.65	----	49.52
GMW-13	04/08/02	74.17	----	25.40	----	48.77
GMW-13	10/21/02	74.17	----	26.15	----	48.02
GMW-13	04/07/03	74.17	----	25.32	----	48.85
GMW-13	10/06/03	74.17	----	25.13	----	49.04
GMW-13	01/11/04	74.17	----	26.58	----	47.59
GMW-13	04/19/04	74.17	----	26.96	----	47.21
GMW-13	05/02/05	74.17	----	20.54	----	53.63
GMW-13	10/31/05	74.17	----	22.32	----	51.85
GMW-13	05/01/06	74.17	----	22.82	----	51.35
GMW-13	12/04/06	74.17	----	23.75	----	50.42
GMW-13	04/30/07	74.17	----	24.10	----	50.07
GMW-13	11/12/07	74.17	----	24.89	----	49.28
GMW-13	04/14/08	74.17	----	24.60	----	49.57
GMW-13	10/13/08	74.17	----	26.27	----	47.90
GMW-13	04/20/09	74.17	----	25.41	----	48.76
GMW-13	10/19/09	74.17	----	26.45	----	47.72
GMW-13	05/24/10	74.17	----	25.86	----	48.31
GMW-13	05/28/10	74.17	----	25.63	----	48.54
GMW-13	10/04/10	74.17	----	26.41	----	47.76
GMW-13	04/11/11	74.17	----	25.23	----	48.94
GMW-13	10/10/11	74.17	----	25.92	----	48.25
GMW-13	04/16/12	74.17	----	27.09	----	47.08
GMW-13	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-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

APPENDIX C
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GMW-14	05/15/00	74.72	----	26.02	----	48.70
GMW-14	11/13/00	74.72	----	26.67	----	48.05
GMW-14	05/07/01	74.72	----	24.92	----	49.80
GMW-14	11/05/01	74.72	----	25.28	----	49.44
GMW-14	04/08/02	74.72	----	26.00	----	48.72
GMW-14	10/21/02	74.72	----	26.79	----	47.93
GMW-14	04/07/03	74.72	----	25.25	----	49.47
GMW-14	10/06/03	74.72	----	25.91	----	48.81
GMW-14	01/11/04	74.72	----	27.21	----	47.51
GMW-14	04/19/04	74.72	----	28.69	----	46.03
GMW-14	05/02/05	74.72	----	21.29	----	53.43
GMW-14	10/31/05	74.72	----	22.96	----	51.76
GMW-14	05/01/06	74.72	----	23.44	----	51.28
GMW-14	12/04/06	74.72	----	24.39	----	50.33
GMW-14	04/30/07	74.72	----	24.61	----	50.11
GMW-14	11/12/07	74.72	----	24.55	----	50.17
GMW-14	04/14/08	74.72	----	28.15	----	46.57
GMW-14	10/13/08	74.72	----	27.23	----	47.49
GMW-14	04/20/09	74.72	----	25.97	----	48.75
GMW-14	10/19/09	74.72	----	27.31	----	47.41
GMW-14	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-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

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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
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

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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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/20/09	77.00	----	30.50	----	46.50
GMW-16	07/16/09	77.00	----	29.52	----	47.48
GMW-16	10/19/09	77.00	----	30.24	----	46.76
GMW-16	04/07/10	77.00	----	29.68	----	47.32
GMW-16	04/12/10	77.00	----	29.38	----	47.62
GMW-16	01/08/11	77.00	----	26.47	----	50.53
GMW-16	07/07/11	77.00	----	29.04	----	47.96
GMW-16	10/06/11	77.00	----	29.48	----	47.52
GMW-16	04/12/12	77.00	----	30.53	----	46.47
GMW-16	04/18/12	77.00	----	30.29	----	46.71
GMW-16	01/11/13	77.00	----	31.68	----	45.32
GMW-16	04/02/13	77.00	----	31.66	----	45.34
GMW-16	04/08/13	77.00	----	31.65	----	45.35
GMW-16	10/02/13	77.00	----	32.35	----	44.65
GMW-16	04/09/14	77.00	----	33.03	----	43.97
GMW-16	04/14/14	77.00	----	32.95	----	44.05
GMW-16	10/27/14	77.00	----	33.43	----	43.57
GMW-16	04/22/15	77.00	----	33.22	----	43.78
GMW-16	04/17/17	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-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
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

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-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-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

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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	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
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

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)
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-19	05/28/96	76.83	----	30.39	----	46.44
GMW-19	11/20/96	76.83	----	30.39	----	46.44
GMW-19	07/01/97	76.83	----	29.82	----	47.01
GMW-19	12/31/97	76.83	----	30.08	----	46.75
GMW-19	05/01/98	76.83	----	26.97	----	49.86
GMW-19	05/25/99	76.83	----	28.00	----	48.83
GMW-19	05/15/00	76.83	----	28.85	----	47.98
GMW-19	11/13/00	76.83	----	28.21	----	48.62
GMW-19	05/07/01	76.83	----	27.44	----	49.39
GMW-19	04/08/02	76.83	----	29.08	----	47.75
GMW-19	09/19/02	76.83	----	28.63	----	48.20
GMW-19	10/21/02	76.83	----	29.22	----	47.61
GMW-19	04/07/03	76.83	----	28.58	----	48.25
GMW-19	10/06/03	76.83	----	28.45	----	48.38
GMW-19	04/19/04	76.83	----	29.44	----	47.39
GMW-19	11/01/04	76.83	----	27.92	----	48.91
GMW-19	02/28/05	76.83	----	25.69	----	51.14
GMW-19	05/02/05	76.83	----	24.47	----	52.36
GMW-19	03/06/06	76.83	----	26.32	----	50.51
GMW-19	05/01/06	76.83	----	26.24	----	50.59
GMW-19	08/26/06	76.83	----	26.64	----	50.19
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

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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-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-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

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)
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-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

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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	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
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-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

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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
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-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

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GMW-23	04/20/09	74.85	----	26.29	----	48.56
GMW-23	10/19/09	74.85	----	27.51	----	47.34
GMW-23	05/24/10	74.85	----	27.32	----	47.53
GMW-23	05/28/10	74.85	----	27.27	----	47.58
GMW-23	10/04/10	74.85	----	27.31	----	47.54
GMW-23	04/11/11	74.85	----	26.40	----	48.45
GMW-23	10/10/11	74.85	----	26.57	----	48.28
GMW-23	04/16/12	74.85	----	28.73	----	46.12
GMW-23	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-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
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

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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-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
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

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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-26	05/28/96	74.45	----	27.20	----	47.25
GMW-26	11/20/96	74.45	----	27.82	----	46.63
GMW-26	07/01/97	74.45	----	29.03	----	45.42
GMW-26	12/31/97	74.45	----	29.14	----	45.31
GMW-26	05/01/98	74.45	----	25.45	----	49.00
GMW-26	05/04/99	74.45	----	26.52	----	47.93
GMW-26	08/09/99	74.45	----	26.55	----	47.90
GMW-26	11/15/99	74.45	----	25.46	----	48.99
GMW-26	05/15/00	74.45	----	26.54	----	47.91
GMW-26	11/13/00	74.45	----	27.67	----	46.78
GMW-26	05/07/01	74.45	----	25.84	----	48.61
GMW-26	11/05/01	74.45	----	25.73	----	48.72
GMW-26	04/08/02	74.45	----	26.40	----	48.05
GMW-26	10/21/02	74.45	----	26.82	----	47.63
GMW-26	04/07/03	74.45	----	25.28	----	49.17
GMW-26	07/07/03	74.52	----	26.53	----	47.99
GMW-26	10/06/03	74.52	----	26.30	----	48.22
GMW-26	01/11/04	74.52	----	27.87	----	46.65
GMW-26	01/20/04	74.52	----	26.83	----	47.69
GMW-26	04/19/04	74.52	----	27.91	----	46.61
GMW-26	04/27/04	74.52	----	27.32	----	47.20
GMW-26	06/07/04	74.52	----	27.95	----	46.57
GMW-26	07/08/04	74.52	----	27.72	----	46.80
GMW-26	05/02/05	74.52	----	23.05	----	51.47
GMW-26	10/31/05	74.52	----	23.62	----	50.90
GMW-26	05/22/06	74.52	----	24.14	----	50.38
GMW-26	12/04/06	74.52	----	24.69	----	49.83

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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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/06/03	74.39	----	26.32	----	48.07
GMW-27	01/11/04	74.41	----	27.82	----	46.59
GMW-27	01/27/04	74.39	----	26.52	----	47.87
GMW-27	04/19/04	74.41	----	27.62	----	46.79
GMW-27	04/27/04	74.41	----	27.00	----	47.41
GMW-27	06/07/04	74.41	----	27.70	----	46.71
GMW-27	07/08/04	74.41	----	27.46	----	46.95
GMW-27	05/02/05	74.41	----	24.01	----	50.40
GMW-27	10/31/05	74.41	----	23.03	----	51.38
GMW-27	05/09/06	74.41	----	23.51	----	50.90
GMW-27	12/04/06	74.41	----	24.45	----	49.96
GMW-27	04/30/07	74.41	----	24.52	----	49.89
GMW-27	11/12/07	74.41	----	24.90	----	49.51
GMW-27	04/14/08	74.41	----	25.21	----	49.20
GMW-27	08/11/08	74.41	----	29.68	----	44.73
GMW-27	10/13/08	74.41	----	25.81	----	48.60
GMW-27	11/21/08	74.41	----	26.20	----	48.21
GMW-27	04/20/09	74.41	----	26.04	----	48.37
GMW-27	10/19/09	74.41	----	27.39	----	47.02
GMW-27	05/24/10	74.41	----	26.90	----	47.51
GMW-27	05/28/10	74.41	----	26.96	----	47.45
GMW-27	10/04/10	74.41	----	26.95	----	47.46
GMW-27	01/10/11	74.41	----	27.97	----	46.44
GMW-27	04/11/11	74.41	----	26.33	----	48.08
GMW-27	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/20	74.68	----	33.47	----	41.21
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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

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-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
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-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

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-31	11/01/04	76.50	----	29.16	----	47.34
GMW-31	05/02/05	76.50	----	24.57	----	51.93
GMW-31	05/01/06	76.50	----	26.10	----	50.40
GMW-31	08/26/06	76.50	----	26.49	----	50.01
GMW-31	12/01/06	76.50	----	26.84	----	49.66
GMW-31	04/30/07	76.50	----	27.34	----	49.16
GMW-31	11/12/07	76.50	----	27.91	----	48.59
GMW-31	04/11/08	76.50	----	27.57	----	48.93
GMW-31	07/24/08	76.50	----	27.91	----	48.59
GMW-31	10/14/08	76.50	----	28.57	----	47.93
GMW-31	02/10/09	76.50	----	28.87	----	47.63
GMW-31	04/20/09	76.50	----	28.41	----	48.09
GMW-31	10/19/09	76.50	----	29.28	----	47.22
GMW-31	04/08/10	76.50	----	28.91	----	47.59
GMW-31	04/12/10	76.50	----	28.71	----	47.79
GMW-31	01/07/11	76.50	----	29.40	----	47.10
GMW-31	04/08/11	76.50	----	28.13	----	48.37
GMW-31	07/08/11	76.50	----	28.34	----	48.16
GMW-31	10/06/11	76.50	----	28.87	----	47.63
GMW-31	04/12/12	76.50	----	30.04	----	46.46
GMW-31	04/16/12	76.50	----	29.81	----	46.69
GMW-31	01/11/13	76.50	----	31.35	----	45.15
GMW-31	04/03/13	76.50	----	31.26	----	45.24
GMW-31	04/08/13	76.50	----	31.08	----	45.42
GMW-31	10/02/13	76.50	----	31.98	----	44.52
GMW-31	04/07/14	76.50	----	32.76	----	43.74
GMW-31	04/14/14	76.50	----	32.36	----	44.14
GMW-31	10/27/14	76.50	----	32.88	----	43.62
GMW-31	04/20/15	76.50	----	33.21	----	43.29
GMW-31	04/17/17	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-32	05/28/96	74.62	----	26.78	----	47.84
GMW-32	11/20/96	74.62	----	27.79	----	46.83
GMW-32	07/01/97	74.62	----	26.99	----	47.63
GMW-32	12/31/97	74.62	----	27.38	----	47.24
GMW-32	05/01/98	74.62	----	24.23	----	50.39
GMW-32	05/25/99	74.62	----	25.52	----	49.10

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-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			
GMW-32R	10/29/19	76.93	obstruction at 28.16 feet			

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-32R	05/05/20	76.93	----	DRY	----	----
GMW-32R	10/19/20	76.93	obstruction at 28.18 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
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-34	05/28/96	75.25	26.83	30.96	4.13	NC

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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)
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
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

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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-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-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

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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-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
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

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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-37	11/20/96	77.32	----	29.76	----	47.56	
GMW-37	07/01/97	77.32	----	28.37	----	48.95	
GMW-37	12/31/97	77.32	----	28.71	----	48.61	
GMW-37	05/03/99	77.32	----	27.76	----	49.56	
GMW-37	08/09/99	77.32	----	28.10	----	49.22	
GMW-37	11/15/99	77.32	----	28.57	----	48.75	
GMW-37	05/15/00	77.32	----	28.19	----	49.13	
GMW-37	11/13/00	77.32	----	28.89	----	48.43	
GMW-37	02/05/01	77.32	----	28.65	----	48.67	
GMW-37	05/07/01	77.32	----	26.94	----	50.38	
GMW-37	09/18/01	77.32	----	27.43	----	49.89	
GMW-37	11/05/01	77.32	----	27.56	----	49.76	
GMW-37	01/29/02	77.32	----	27.89	----	49.43	
GMW-37	04/08/02	77.32	----	27.94	----	49.38	
GMW-37	10/21/02	77.32	----	29.11	----	48.21	
GMW-37	01/27/03	77.32	----	28.74	----	48.58	
GMW-37	04/07/03	77.32	----	28.30	----	49.02	
GMW-37	07/31/03	77.32	----	28.02	----	49.30	
GMW-37	10/06/03	77.32	----	27.92	----	49.40	
GMW-37	01/11/04	77.32	----	29.62	----	47.70	
GMW-37	01/27/04	77.32	----	28.81	----	48.51	
GMW-37	04/19/04	77.32	----	28.91	----	48.41	
GMW-37	07/19/04	77.32	----	28.91	----	48.41	
GMW-37	02/01/05	77.32	----	27.77	----	49.55	
GMW-37	05/02/05	77.32	----	23.34	----	53.98	
GMW-37	08/01/05	77.32	----	24.61	----	52.71	
GMW-37	10/31/05	77.32	----	25.35	----	51.97	
GMW-37	02/27/06	77.32	----	25.81	----	51.51	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/01/06	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/07/01	75.47	----	25.14	----	50.33
GMW-38	11/05/01	75.47	----	25.84	----	49.63
GMW-38	02/01/02	75.47	----	25.91	----	49.56
GMW-38	04/08/02	75.47	----	26.52	----	48.95
GMW-38	10/21/02	75.47	----	27.39	----	48.08
GMW-38	01/27/03	75.47	----	27.05	----	48.42
GMW-38	04/07/03	75.47	----	26.47	----	49.00
GMW-38	07/31/03	75.47	----	26.26	----	49.21
GMW-38	10/06/03	75.47	----	26.51	----	48.96
GMW-38	01/11/04	75.47	----	27.91	----	47.56
GMW-38	01/27/04	75.47	----	27.04	----	48.43
GMW-38	04/19/04	75.47	----	27.15	----	48.32
GMW-38	07/19/04	75.47	----	27.26	----	48.21
GMW-38	02/01/05	75.47	----	25.99	----	49.48
GMW-38	05/02/05	75.47	----	28.53	----	46.94
GMW-38	08/01/05	75.47	----	22.91	----	52.56
GMW-38	10/31/05	75.47	----	23.65	----	51.82
GMW-38	02/27/06	75.47	----	24.04	----	51.43
GMW-38	05/01/06	75.47	----	24.09	----	51.38
GMW-38	09/18/06	75.47	----	24.85	----	50.62
GMW-38	12/04/06	75.47	----	25.07	----	50.40
GMW-38	03/12/07	75.47	----	25.48	----	49.99
GMW-38	04/30/07	75.47	----	25.42	----	50.05
GMW-38	08/28/07	75.47	----	25.29	----	50.18
GMW-38	11/12/07	75.47	----	25.89	----	49.58
GMW-38	04/14/08	75.47	----	25.81	----	49.66
GMW-38	10/13/08	75.47	----	26.72	----	48.75
GMW-38	04/20/09	75.47	----	27.05	----	48.42
GMW-38	07/20/09	75.47	----	27.21	----	48.26
GMW-38	10/19/09	75.47	----	27.78	----	47.69
GMW-38	03/15/10	75.47	----	27.92	----	47.55
GMW-38	05/24/10	75.47	----	27.50	----	47.97
GMW-38	05/28/10	75.47	----	27.40	----	48.07
GMW-38	10/04/10	75.47	----	27.77	----	47.70
GMW-38	01/10/11	75.47	----	28.00	----	47.47
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/07/13	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	03/12/07	75.05	----	25.12	----	49.93
GMW-39	04/30/07	75.05	----	25.12	----	49.93
GMW-39	08/28/07	75.05	----	25.15	----	49.90
GMW-39	11/12/07	75.05	----	25.62	----	49.43
GMW-39	02/19/08	75.05	----	25.91	----	49.14
GMW-39	04/14/08	75.05	----	25.44	----	49.61
GMW-39	08/11/08	75.05	----	26.21	----	48.84
GMW-39	10/13/08	75.05	----	26.51	----	48.54
GMW-39	04/20/09	75.05	----	26.43	----	48.62
GMW-39	07/20/09	75.05	----	26.85	----	48.20
GMW-39	10/19/09	75.05	----	27.58	----	47.47
GMW-39	03/15/10	75.05	----	27.41	----	47.64
GMW-39	05/24/10	75.05	----	27.12	----	47.93
GMW-39	05/28/10	75.05	----	27.09	----	47.96
GMW-39	10/04/10	75.05	----	27.38	----	47.67
GMW-39	01/10/11	75.05	----	27.63	----	47.42
GMW-39	04/11/11	75.05	----	25.92	----	49.13
GMW-39	07/11/11	75.05	----	26.55	----	48.50
GMW-39	10/10/11	75.05	----	26.85	----	48.20
GMW-39	01/09/12	75.05	----	28.44	----	46.61
GMW-39	04/16/12	75.05	----	28.04	----	47.01
GMW-39	07/09/12	75.05	----	28.62	----	46.43
GMW-39	10/15/12	75.05	----	29.58	----	45.47
GMW-39	01/14/13	75.05	----	29.72	----	45.33
GMW-39	04/08/13	75.05	----	29.71	----	45.34
GMW-39	10/07/13	75.05	----	29.92	----	45.13
GMW-39	04/14/14	75.05	----	30.25	----	44.80
GMW-39	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/01/98	73.13	----	24.03	----	49.10
GMW-40	05/25/99	73.13	----	24.84	----	48.29
GMW-40	05/15/00	73.13	----	25.65	----	47.48
GMW-40	11/13/00	73.13	----	26.21	----	46.92
GMW-40	05/07/01	73.13	----	24.26	----	48.87
GMW-40	04/08/02	73.13	----	25.14	----	47.99
GMW-40	10/21/02	73.13	----	25.49	----	47.64
GMW-40	04/07/03	73.13	----	24.60	----	48.53
GMW-40	10/06/03	73.13	----	25.02	----	48.11
GMW-40	04/19/04	73.13	----	26.59	----	46.54
GMW-40	11/05/04	73.13	----	24.10	----	49.03
GMW-40	05/02/05	73.13	----	21.17	----	51.96
GMW-40	05/01/06	73.13	----	22.54	----	50.59
GMW-40	12/01/06	73.13	----	23.51	----	49.62
GMW-40	04/30/07	73.13	----	23.74	----	49.39
GMW-40	11/12/07	73.13	----	24.60	----	48.53
GMW-40	04/11/08	73.13	----	24.09	----	49.04
GMW-40	10/14/08	73.13	----	25.01	----	48.12
GMW-40	02/10/09	73.13	----	25.05	----	48.08
GMW-40	04/20/09	73.13	----	27.40	----	45.73
GMW-40	10/19/09	73.13	----	26.00	----	47.13
GMW-40	04/08/10	73.13	----	25.31	----	47.82
GMW-40	04/12/10	73.13	----	25.20	----	47.93
GMW-40	10/01/10	73.13	----	25.83	----	47.30
GMW-40	10/04/10	73.13	----	25.70	----	47.43
GMW-40	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/08/02	74.46	----	26.36	----	48.10	
GMW-41	10/21/02	74.46	----	26.85	----	47.61	
GMW-41	04/07/03	74.46	----	26.15	----	48.31	
GMW-41	10/06/03	74.46	----	26.22	----	48.24	
GMW-41	04/19/04	74.46	----	27.64	----	46.82	
GMW-41	11/01/04	74.46	----	27.54	----	46.92	
GMW-41	05/02/05	74.46	----	22.28	----	52.18	
GMW-41	05/01/06	74.46	----	23.87	----	50.59	
GMW-41	12/01/06	74.46	----	24.71	----	49.75	
GMW-41	04/30/07	74.46	----	25.06	----	49.40	
GMW-41	11/12/07	74.46	----	25.87	----	48.59	
GMW-41	04/11/08	74.46	----	25.44	----	49.02	
GMW-41	07/24/08	74.46	----	25.80	----	48.66	
GMW-41	10/14/08	74.46	----	26.35	----	48.11	
GMW-41	02/10/09	74.46	----	26.58	----	47.88	
GMW-41	04/20/09	74.46	----	26.61	----	47.85	
GMW-41	10/19/09	74.46	----	27.34	----	47.12	
GMW-41	04/08/10	74.46	----	26.64	----	47.82	
GMW-41	04/12/10	74.46	----	26.44	----	48.02	
GMW-41	10/04/10	74.46	----	26.91	----	47.55	
GMW-41	01/07/11	74.46	----	27.58	----	46.88	
GMW-41	04/08/11	74.46	----	26.01	----	48.45	
GMW-41	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	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	
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	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-45	05/28/96	75.67	----	28.30	----	47.37
GMW-45	11/20/96	75.67	----	29.21	----	46.46
GMW-45	07/01/97	75.67	----	28.32	----	47.35
GMW-45	12/31/97	75.67	----	28.81	----	46.86
GMW-45	05/01/98	75.67	----	25.75	----	49.92
GMW-45	05/25/99	75.67	----	26.74	----	48.93
GMW-45	05/15/00	75.67	----	27.68	----	47.99
GMW-45	11/13/00	75.67	----	28.02	----	47.65
GMW-45	05/07/01	75.67	----	28.65	----	47.02
GMW-45	04/08/02	75.67	----	27.92	----	47.75
GMW-45	10/21/02	75.67	----	28.33	----	47.34
GMW-45	04/07/03	75.67	----	27.50	----	48.17
GMW-45	10/06/03	75.67	----	27.26	----	48.41
GMW-45	04/19/04	75.67	----	28.17	----	47.50
GMW-45	11/01/04	75.67	----	28.35	----	47.32
GMW-45	05/02/05	75.67	----	23.15	----	52.52
GMW-45	03/06/06	75.67	----	25.21	----	50.46
GMW-45	05/01/06	75.67	----	25.15	----	50.52
GMW-45	08/26/06	75.67	----	25.53	----	50.14
GMW-45	12/01/06	75.67	----	25.96	----	49.71
GMW-45	03/21/07	75.67	----	26.09	----	49.58
GMW-45	04/27/07	75.67	----	26.48	----	49.19
GMW-45	08/28/07	75.67	----	26.42	----	49.25
GMW-45	11/12/07	75.67	----	26.94	----	48.73
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/02/05	75.98	----	23.17	----	52.81
GMW-47	03/06/06	75.98	----	24.67	----	51.31
GMW-47	05/01/06	75.98	----	25.16	----	50.82
GMW-47	08/26/06	75.98	----	25.62	----	50.36
GMW-47	12/01/06	75.98	----	26.15	----	49.83
GMW-47	03/21/07	75.98	----	26.30	----	49.68
GMW-47	04/27/07	75.98	----	26.71	----	49.27
GMW-47	08/28/07	75.98	----	26.74	----	49.24
GMW-47	11/12/07	75.98	----	27.12	----	48.86
GMW-47	02/05/08	75.98	----	27.75	----	48.23
GMW-47	04/11/08	75.98	----	26.93	----	49.05
GMW-47	07/24/08	75.98	----	27.49	----	48.49
GMW-47	10/13/08	75.98	----	28.19	----	47.79
GMW-47	02/09/09	75.98	----	28.07	----	47.91
GMW-47	04/20/09	75.98	----	27.66	----	48.32
GMW-47	07/16/09	75.98	----	28.22	----	47.76
GMW-47	07/20/09	75.98	----	28.10	----	47.88
GMW-47	10/19/09	75.98	----	28.48	----	47.50
GMW-47	01/11/10	75.98	----	29.10	----	46.88
GMW-47	04/12/10	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/29/19	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	12/01/06	75.03	----	24.92	----	50.11
GMW-52	03/21/07	75.03	----	25.17	----	49.86
GMW-52	04/30/07	75.03	----	25.38	----	49.65
GMW-52	08/28/07	75.03	----	25.80	----	49.23
GMW-52	11/12/07	75.03	----	25.93	----	49.10
GMW-52	02/05/08	75.03	----	26.71	----	48.32
GMW-52	04/14/08	75.03	----	25.46	----	49.57
GMW-52	07/24/08	75.03	----	25.89	----	49.14
GMW-52	10/14/08	75.03	----	26.69	----	48.34
GMW-52	02/10/09	75.03	----	26.95	----	48.08
GMW-52	07/16/09	75.03	----	27.25	----	47.78
GMW-52	04/08/10	75.03	----	26.71	----	48.32
GMW-52	10/01/10	75.03	----	27.42	----	47.61
GMW-52	01/08/11	75.03	----	27.77	----	47.26
GMW-52	04/12/12	75.03	----	28.96	----	46.07
GMW-53	05/25/99	74.90	----	25.60	----	49.30
GMW-53	05/15/00	74.90	----	26.20	----	48.70
GMW-53	05/07/01	74.90	----	25.00	----	49.90
GMW-53	04/08/02	74.90	----	26.47	----	48.43
GMW-53	10/21/02	74.90	----	27.04	----	47.86
GMW-53	04/07/03	74.90	----	26.24	----	48.66
GMW-53	10/06/03	74.90	----	26.08	----	48.82
GMW-53	04/19/04	74.90	----	26.83	----	48.07
GMW-53	11/01/04	74.90	----	27.54	----	47.36
GMW-53	05/02/05	74.90	----	21.34	----	53.56
GMW-53	03/06/06	74.90	----	23.87	----	51.03
GMW-53	05/01/06	74.90	----	23.85	----	51.05
GMW-53	08/26/06	74.90	----	24.34	----	50.56
GMW-53	12/01/06	74.90	----	24.85	----	50.05
GMW-53	03/21/07	74.90	----	24.92	----	49.98
GMW-53	04/30/07	74.90	----	25.26	----	49.64
GMW-53	08/28/07	74.90	----	25.11	----	49.79
GMW-53	11/12/07	74.90	----	25.83	----	49.07
GMW-53	02/05/08	74.90	----	26.25	----	48.65
GMW-53	04/14/08	74.90	----	25.38	----	49.52
GMW-53	10/14/08	74.90	----	26.58	----	48.32
GMW-53	02/10/09	74.90	----	26.78	----	48.12
GMW-53	07/16/09	74.90	----	27.04	----	47.86
GMW-53	04/08/10	74.90	26.83	26.84	0.01	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

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	05/25/99	75.16	----	26.68	----	48.48
GMW-54	05/15/00	75.16	----	27.40	----	47.76
GMW-54	11/13/00	75.16	----	26.93	----	48.23
GMW-54	05/07/01	75.16	----	25.63	----	49.53
GMW-54	04/08/02	75.16	----	27.06	----	48.10
GMW-54	10/21/02	75.16	----	27.43	----	47.73
GMW-54	04/07/03	75.16	----	26.78	----	48.38
GMW-54	10/06/03	75.16	----	26.95	----	48.21
GMW-54	04/19/04	75.16	----	28.33	----	46.83
GMW-54	11/01/04	75.16	----	28.11	----	47.05
GMW-54	05/02/05	75.16	----	22.06	----	53.10
GMW-54	05/01/06	75.16	----	24.45	----	50.71
GMW-54	12/01/06	75.16	----	25.36	----	49.80
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-55	05/25/99	74.60	----	26.11	----	48.49
GMW-55	05/15/00	74.60	----	26.83	----	47.77
GMW-55	11/13/00	74.60	----	26.36	----	48.24
GMW-55	05/07/01	74.60	----	24.91	----	49.69
GMW-55	04/08/02	74.60	----	26.43	----	48.17
GMW-55	10/21/02	74.60	----	26.85	----	47.75
GMW-55	04/07/03	74.60	----	26.22	----	48.38

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-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-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

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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-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-58	07/08/11	75.48	----	26.46	----	49.02
GMW-58	10/06/11	75.48	----	27.11	----	48.37
GMW-58	01/10/12	75.48	----	27.42	----	48.06
GMW-58	04/12/12	75.48	----	28.20	----	47.28
GMW-58	04/18/12	75.48	----	27.86	----	47.62
GMW-58	01/11/13	75.48	----	29.26	----	46.22
GMW-58	04/03/13	75.48	----	29.23	----	46.25
GMW-58	04/08/13	75.48	----	29.17	----	46.31
GMW-58	10/02/13	75.48	----	29.90	----	45.58
GMW-58	04/09/14	75.48	----	30.37	----	45.11
GMW-58	04/16/14	75.48	----	30.20	----	45.28
GMW-58	10/27/14	75.48	----	30.69	----	44.79
GMW-58	04/20/15	75.48	----	31.01	----	44.47
GMW-58	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-59	07/07/11	75.28	----	25.69	----	49.59

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
GMW-59	11/02/20	75.28	----	32.56	----	42.72
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/19/09	76.24	----	28.81	----	47.43
GMW-60	01/11/10	76.24	----	29.53	----	46.71
GMW-60	04/07/10	76.24	----	28.54	----	47.70
GMW-60	04/12/10	76.24	----	28.04	----	48.20
GMW-60	01/08/11	76.24	----	29.09	----	47.15
GMW-60	04/08/11	76.24	----	27.53	----	48.71
GMW-60	07/07/11	76.24	----	28.02	----	48.22
GMW-60	10/06/11	76.24	----	28.65	----	47.59
GMW-60	01/10/12	76.24	----	28.46	----	47.78
GMW-60	04/12/12	76.24	----	29.65	----	46.59
GMW-60	04/20/12	76.24	----	29.47	----	46.77
GMW-60	01/11/13	76.24	----	30.65	----	45.59
GMW-60	04/03/13	76.24	----	30.62	----	45.62
GMW-60	04/08/13	76.24	----	31.28	----	44.96
GMW-60	10/01/13	76.24	----	31.35	----	44.89
GMW-60	04/09/14	76.24	----	31.78	----	44.46
GMW-60	04/17/14	76.24	----	31.42	----	44.82
GMW-60	10/27/14	76.24	----	32.15	----	44.09
GMW-60	04/20/15	76.24	----	32.42	----	43.82
GMW-60	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/11/08	75.60	----	26.29	----	49.31
GMW-61	07/24/08	75.60	----	27.01	----	48.59
GMW-61	10/13/08	75.60	----	27.73	----	47.87
GMW-61	02/09/09	75.60	----	27.56	----	48.04
GMW-61	04/20/09	75.60	----	27.14	----	48.46
GMW-61	07/16/09	75.60	----	27.69	----	47.91
GMW-61	07/20/09	75.60	----	27.84	----	47.76
GMW-61	10/19/09	75.60	----	28.22	----	47.38
GMW-61	01/11/10	75.60	----	28.81	----	46.79
GMW-61	04/07/10	75.60	----	27.67	----	47.93
GMW-61	04/12/10	75.60	----	27.22	----	48.38
GMW-61	01/08/11	75.60	----	28.37	----	47.23
GMW-61	04/08/11	75.60	----	26.68	----	48.92
GMW-61	07/07/11	75.60	----	27.23	----	48.37
GMW-61	10/06/11	75.60	----	27.92	----	47.68
GMW-61	01/10/12	75.60	----	28.41	----	47.19
GMW-61	04/12/12	75.60	----	29.06	----	46.54
GMW-61	04/19/12	75.60	----	28.71	----	46.89
GMW-61	01/11/13	75.60	----	30.05	----	45.55
GMW-61	04/03/13	75.60	----	30.11	----	45.49
GMW-61	04/08/13	75.60	----	30.01	----	45.59
GMW-61	10/02/13	75.60	----	30.70	----	44.90
GMW-61	04/09/14	75.60	----	31.11	----	44.49
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/20/09	76.34	-----	27.94	-----	48.40
GMW-62	07/17/09	76.34	-----	28.15	-----	48.19
GMW-62	07/21/09	76.34	-----	28.30	-----	48.04
GMW-62	10/19/09	76.34	-----	29.00	-----	47.34
GMW-62	01/11/10	76.34	-----	29.51	-----	46.83
GMW-62	04/12/10	76.34	-----	28.24	-----	48.10
GMW-62	01/10/11	76.34	28.78	29.08	0.30	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-63	10/14/08	77.32	-----	29.17	-----	48.15
GMW-63	02/10/09	77.32	-----	29.08	-----	48.24
GMW-63	04/20/09	77.32	-----	28.71	-----	48.61
GMW-63	07/17/09	77.32	-----	29.11	-----	48.21
GMW-63	07/21/09	77.32	-----	29.15	-----	48.17
GMW-63	10/19/09	77.32	-----	29.84	-----	47.48
GMW-63	01/11/10	77.32	-----	30.12	-----	47.20
GMW-63	04/12/10	77.32	-----	29.22	-----	48.10
GMW-63	01/08/11	77.32	-----	29.35	-----	47.97
GMW-63	04/07/11	77.32	-----	28.63	-----	48.69

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-64	10/14/08	75.84	----	27.60	----	48.24
GMW-64	02/10/09	75.84	----	27.47	----	48.37
GMW-64	04/20/09	75.84	----	27.00	----	48.84
GMW-64	07/17/09	75.84	----	27.37	----	48.47
GMW-64	07/21/09	75.84	----	27.52	----	48.32
GMW-64	10/19/09	75.84	----	28.11	----	47.73
GMW-64	01/11/10	75.84	----	28.53	----	47.31
GMW-64	04/12/10	75.84	----	27.10	----	48.74
GMW-64	01/08/11	75.84	----	27.81	----	48.03
GMW-64	04/07/11	75.84	----	26.45	----	49.39
GMW-64	07/07/11	75.84	----	27.21	----	48.63
GMW-64	10/06/11	75.84	----	27.86	----	47.98
GMW-64	01/09/12	75.84	----	28.21	----	47.63
GMW-64	04/12/12	75.84	----	28.96	----	46.88
GMW-64	04/17/12	75.84	----	28.65	----	47.19
GMW-64	01/11/13	75.84	----	29.69	----	46.15
GMW-64	04/03/13	75.84	----	29.72	----	46.12
GMW-64	04/08/13	75.84	----	29.53	----	46.31

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/02/13	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-65	07/17/09	76.78	----	28.65	----	48.13
GMW-65	07/21/09	76.78	----	28.83	----	47.95
GMW-65	10/19/09	76.78	----	29.60	----	47.18
GMW-65	01/11/10	76.78	----	29.80	----	46.98
GMW-65	04/12/10	76.78	----	28.68	----	48.10
GMW-65	01/08/11	76.78	----	29.39	----	47.39
GMW-65	04/07/11	76.78	----	27.98	----	48.80
GMW-65	07/07/11	76.78	----	28.63	----	48.15
GMW-65	10/06/11	76.78	----	29.18	----	47.60
GMW-65	01/09/12	76.78	----	29.43	----	47.35
GMW-65	04/12/12	76.78	----	30.15	----	46.63
GMW-65	04/18/12	76.78	----	29.85	----	46.93
GMW-65	01/11/13	76.78	----	31.08	----	45.70
GMW-65	04/03/13	76.78	----	31.07	----	45.71
GMW-65	04/08/13	76.78	----	30.92	----	45.86
GMW-65	10/02/13	76.78	----	31.75	----	45.03
GMW-65	04/09/14	76.78	----	31.87	----	44.91
GMW-65	04/14/14	76.78	----	31.68	----	45.10
GMW-65	10/27/14	76.78	----	32.35	----	44.43
GMW-65	04/20/15	76.78	----	32.68	----	44.10
GMW-65	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/08/02	71.45	----	22.51	----	48.94
GMW-O-1	07/29/02	71.45	----	22.97	----	48.48
GMW-O-1	10/21/02	71.45	----	23.14	----	48.31
GMW-O-1	01/27/03	71.45	----	23.03	----	48.42
GMW-O-1	04/07/03	71.45	----	23.11	----	48.34
GMW-O-1	07/30/03	71.45	----	22.84	----	48.61
GMW-O-1	10/06/03	71.45	----	22.76	----	48.69
GMW-O-1	01/11/04	71.45	----	23.77	----	47.68
GMW-O-1	01/27/04	71.45	----	23.06	----	48.39
GMW-O-1	04/19/04	71.45	----	23.45	----	48.00
GMW-O-1	07/19/04	71.45	----	23.45	----	48.00
GMW-O-1	02/01/05	71.45	----	23.34	----	48.11
GMW-O-1	05/02/05	71.45	----	21.02	----	50.43
GMW-O-1	08/01/05	71.45	----	20.26	----	51.19
GMW-O-1	10/31/05	71.45	----	20.21	----	51.24
GMW-O-1	02/27/06	71.45	----	20.52	----	50.93
GMW-O-1	05/01/06	71.45	----	20.59	----	50.86
GMW-O-1	09/18/06	71.45	----	20.93	----	50.52
GMW-O-1	12/04/06	71.45	----	27.16	----	44.29
GMW-O-1	03/12/07	71.45	----	21.32	----	50.13
GMW-O-1	04/30/07	71.45	----	21.40	----	50.05
GMW-O-1	08/28/07	71.45	----	22.50	----	48.95
GMW-O-1	11/12/07	71.45	----	21.79	----	49.66
GMW-O-1	02/19/08	71.45	----	27.25	----	44.20
GMW-O-1	04/14/08	71.45	----	22.15	----	49.30
GMW-O-1	08/11/08	71.45	----	22.41	----	49.04
GMW-O-1	10/13/08	71.45	----	22.45	----	49.00
GMW-O-1	04/20/09	71.45	----	22.41	----	49.04
GMW-O-1	07/20/09	71.45	----	23.15	----	48.30
GMW-O-1	10/19/09	71.45	----	23.39	----	48.06
GMW-O-1	03/15/10	71.45	----	23.90	----	47.55
GMW-O-1	05/24/10	71.45	----	23.48	----	47.97
GMW-O-1	05/28/10	71.45	----	23.47	----	47.98
GMW-O-1	10/04/10	71.45	----	23.71	----	47.74
GMW-O-1	01/10/11	71.45	----	24.14	----	47.31
GMW-O-1	04/11/11	71.45	----	23.17	----	48.28
GMW-O-1	07/11/11	71.45	----	22.88	----	48.57
GMW-O-1	10/10/11	71.45	----	22.89	----	48.56
GMW-O-1	01/09/12	71.45	----	23.35	----	48.10
GMW-O-1	04/16/12	71.45	----	23.86	----	47.59
GMW-O-1	07/09/12	71.45	----	24.19	----	47.26
GMW-O-1	10/15/12	71.45	----	24.33	----	47.12
GMW-O-1	01/14/13	71.45	----	24.88	----	46.57
GMW-O-1	04/08/13	71.45	----	25.04	----	46.41

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/07/13	71.45	----	25.72	----	45.73
GMW-O-1	04/14/14	71.45	----	26.72	----	44.73
GMW-O-1	10/27/14	71.45	----	27.28	----	44.17
GMW-O-1	04/20/15	71.45	----	28.02	----	43.43
GMW-O-1	10/19/15	71.45	----	28.98	----	42.47
GMW-O-1	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-2	11/20/96	72.54	----	25.33	----	47.21
GMW-O-2	07/01/97	72.54	----	25.29	----	47.25
GMW-O-2	12/31/97	72.54	----	25.32	----	47.22
GMW-O-2	05/01/98	72.54	----	23.10	----	49.44
GMW-O-2	05/05/99	72.54	----	23.15	----	49.39
GMW-O-2	08/09/99	72.54	----	23.39	----	49.15
GMW-O-2	11/15/99	72.54	----	23.62	----	48.92
GMW-O-2	05/15/00	72.54	----	23.59	----	48.95
GMW-O-2	11/13/00	72.54	----	24.11	----	48.43
GMW-O-2	05/07/01	72.54	----	23.26	----	49.28
GMW-O-2	11/05/01	72.54	----	23.25	----	49.29
GMW-O-2	04/08/02	72.54	----	23.52	----	49.02
GMW-O-2	07/29/02	72.54	----	24.13	----	48.41
GMW-O-2	10/21/02	72.54	----	24.28	----	48.26
GMW-O-2	01/14/03	72.54	----	24.23	----	48.31
GMW-O-2	01/27/03	72.54	----	24.10	----	48.44
GMW-O-2	04/07/03	72.54	----	24.05	----	48.49
GMW-O-2	07/30/03	72.54	----	23.75	----	48.79
GMW-O-2	10/06/03	72.54	----	23.75	----	48.79
GMW-O-2	01/11/04	72.54	----	24.78	----	47.76
GMW-O-2	01/27/04	72.54	----	24.09	----	48.45
GMW-O-2	04/19/04	72.54	----	24.39	----	48.15
GMW-O-2	07/19/04	72.54	----	24.39	----	48.15
GMW-O-2	02/01/05	72.54	----	24.06	----	48.48
GMW-O-2	05/02/05	72.54	----	21.40	----	51.14
GMW-O-2	08/01/05	72.54	----	20.97	----	51.57
GMW-O-2	10/31/05	72.54	----	21.22	----	51.32
GMW-O-2	02/27/06	72.54	----	23.10	----	49.44

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
GMW-O-3	11/02/20	72.19	----	30.50	----	41.69
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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 (MID)	05/28/96	72.24	----	31.73	----	40.51

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	11/20/96	72.24	----	31.86	----	40.38
GMW-O-4 (MID)	07/01/97	72.24	----	29.66	----	42.58
GMW-O-4 (MID)	12/31/97	72.24	----	29.41	----	42.83
GMW-O-4 (MID)	05/01/98	72.24	----	26.77	----	45.47
GMW-O-4 (MID)	05/06/99	72.24	----	27.34	----	44.90
GMW-O-4 (MID)	08/09/99	72.24	----	28.59	----	43.65
GMW-O-4 (MID)	11/15/99	72.24	----	28.91	----	43.33
GMW-O-4 (MID)	05/15/00	72.24	----	28.49	----	43.75
GMW-O-4 (MID)	11/13/00	72.24	----	29.82	----	42.42
GMW-O-4 (MID)	05/07/01	72.24	----	29.02	----	43.22
GMW-O-4 (MID)	11/05/01	72.24	----	30.00	----	42.24
GMW-O-4 (MID)	04/08/02	72.24	----	29.80	----	42.44
GMW-O-4 (MID)	10/21/02	72.24	----	31.10	----	41.14
GMW-O-4 (MID)	04/07/03	72.24	----	30.26	----	41.98
GMW-O-4 (MID)	10/06/03	72.24	----	31.12	----	41.12
GMW-O-4 (MID)	01/11/04	72.24	----	32.81	----	39.43
GMW-O-4 (MID)	04/19/04	72.24	----	37.77	----	34.47
GMW-O-4 (MID)	05/02/05	72.24	----	29.73	----	42.51
GMW-O-4 (MID)	10/31/05	72.24	----	30.04	----	42.20
GMW-O-4 (MID)	05/01/06	72.24	----	28.81	----	43.43
GMW-O-4 (MID)	12/04/06	72.24	----	29.09	----	43.15
GMW-O-4 (MID)	04/30/07	72.24	----	28.95	----	43.29
GMW-O-4 (MID)	11/12/07	72.24	----	29.34	----	42.90
GMW-O-4 (MID)	04/14/08	72.24	----	30.10	----	42.14
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	02/29/00	72.36	----	23.55	----	48.81
GMW-O-5	05/15/00	72.36	----	23.33	----	49.03
GMW-O-5	08/28/00	72.36	----	23.95	----	48.41
GMW-O-5	11/13/00	72.36	----	23.98	----	48.38
GMW-O-5	02/05/01	72.36	----	23.66	----	48.70
GMW-O-5	05/07/01	72.36	----	22.32	----	50.04
GMW-O-5	09/18/01	72.36	----	22.47	----	49.89
GMW-O-5	11/05/01	72.36	----	22.79	----	49.57
GMW-O-5	01/29/02	72.36	----	22.83	----	49.53
GMW-O-5	04/08/02	72.36	----	23.25	----	49.11
GMW-O-5	10/21/02	72.36	----	24.10	----	48.26
GMW-O-5	01/14/03	72.36	----	23.98	----	48.38
GMW-O-5	04/07/03	72.36	----	23.45	----	48.91
GMW-O-5	10/06/03	72.36	----	23.28	----	49.08
GMW-O-5	01/11/04	72.36	----	24.57	----	47.79
GMW-O-5	04/19/04	72.36	----	23.94	----	48.42
GMW-O-5	05/02/05	72.36	----	19.09	----	53.27
GMW-O-5	10/31/05	72.36	----	20.41	----	51.95
GMW-O-5	05/01/06	72.36	----	20.96	----	51.40
GMW-O-5	12/04/06	72.36	----	21.86	----	50.50
GMW-O-5	04/30/07	72.36	----	22.18	----	50.18
GMW-O-5	08/29/07	72.36	----	28.19	----	44.17
GMW-O-5	11/12/07	72.36	----	22.61	----	49.75
GMW-O-5	04/14/08	72.36	----	22.72	----	49.64
GMW-O-5	10/13/08	72.36	----	23.42	----	48.94
GMW-O-5	04/20/09	72.36	----	23.34	----	49.02
GMW-O-5	10/19/09	72.36	----	25.21	----	47.15
GMW-O-5	05/24/10	72.36	----	24.02	----	48.34
GMW-O-5	05/28/10	72.36	----	23.90	----	48.46
GMW-O-5	10/04/10	72.36	----	24.52	----	47.84
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-6	05/28/96	71.41	----	23.19	----	48.22
GMW-O-6	11/20/96	71.41	----	23.59	----	47.82
GMW-O-6	07/01/97	71.41	----	23.28	----	48.13
GMW-O-6	12/31/97	71.41	----	23.78	----	47.63
GMW-O-6	05/01/98	71.41	----	20.81	----	50.60
GMW-O-6	05/05/99	71.41	----	21.24	----	50.17
GMW-O-6	08/09/99	71.41	----	21.58	----	49.83
GMW-O-6	11/15/99	71.41	----	21.98	----	49.43
GMW-O-6	05/15/00	71.41	----	21.86	----	49.55
GMW-O-6	11/13/00	71.41	----	27.25	----	44.16
GMW-O-6	05/07/01	71.41	----	21.23	----	50.18
GMW-O-6	11/05/01	71.41	----	21.55	----	49.86
GMW-O-6	04/08/02	71.41	----	21.95	----	49.46
GMW-O-6	10/21/02	71.41	----	22.67	----	48.74
GMW-O-6	01/14/03	71.41	----	22.82	----	48.59
GMW-O-6	04/07/03	71.41	----	22.49	----	48.92
GMW-O-6	10/06/03	71.41	----	22.02	----	49.39
GMW-O-6	01/11/04	71.41	----	23.01	----	48.40
GMW-O-6	04/19/04	71.41	----	22.69	----	48.72
GMW-O-6	05/02/05	71.41	----	19.45	----	51.96
GMW-O-6	10/31/05	71.41	----	19.74	----	51.67
GMW-O-6	05/01/06	71.41	----	20.33	----	51.08
GMW-O-6	12/04/06	71.41	----	20.89	----	50.52
GMW-O-6	04/30/07	71.41	----	21.23	----	50.18
GMW-O-6	11/12/07	71.41	----	21.55	----	49.86
GMW-O-6	04/14/08	71.41	----	21.63	----	49.78
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/15/12	70.98	----	22.83	----	48.15
GMW-O-7	04/08/13	70.98	----	23.90	----	47.08
GMW-O-7	10/07/13	70.98	----	24.12	----	46.86
GMW-O-7	04/14/14	70.98	----	24.90	----	46.08
GMW-O-7	10/27/14	70.98	----	25.59	----	45.39
GMW-O-7	04/20/15	70.98	----	26.09	----	44.89
GMW-O-7	10/19/15	70.98	----	26.63	----	44.35
GMW-O-7	04/11/16	70.98	----	27.40	----	43.58
GMW-O-7	10/03/16	70.98	----	28.10	----	42.88
GMW-O-7	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/13/08	70.91	----	21.57	----	49.34
GMW-O-8	04/20/09	70.91	----	21.80	----	49.11
GMW-O-8	10/19/09	70.91	----	22.41	----	48.50
GMW-O-8	05/24/10	70.91	----	22.50	----	48.41
GMW-O-8	05/28/10	70.91	----	22.41	----	48.50
GMW-O-8	10/04/10	70.91	----	22.60	----	48.31
GMW-O-8	04/11/11	70.91	----	22.24	----	48.67
GMW-O-8	10/10/11	70.91	----	21.71	----	49.20
GMW-O-8	04/16/12	70.91	----	22.54	----	48.37
GMW-O-8	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-9	05/28/96	73.50	----	25.93	----	47.57
GMW-O-9	11/20/96	73.50	----	26.53	----	46.97
GMW-O-9	07/01/97	73.50	----	26.90	----	46.60
GMW-O-9	12/31/97	73.50	----	26.30	----	47.20
GMW-O-9	05/01/98	73.50	----	24.05	----	49.45
GMW-O-9	05/04/99	73.50	----	24.39	----	49.11
GMW-O-9	08/09/99	73.50	----	24.96	----	48.54
GMW-O-9	11/15/99	73.50	----	24.91	----	48.59
GMW-O-9	05/15/00	73.50	----	24.93	----	48.57
GMW-O-9	11/13/00	73.50	----	25.61	----	47.89
GMW-O-9	05/07/01	73.50	----	24.54	----	48.96
GMW-O-9	11/05/01	73.50	----	24.55	----	48.95
GMW-O-9	04/08/02	73.50	----	30.07	----	43.43
GMW-O-9	10/21/02	73.50	----	25.62	----	47.88
GMW-O-9	04/07/03	73.50	----	25.13	----	48.37
GMW-O-9	10/06/03	73.50	----	24.92	----	48.58
GMW-O-9	01/11/04	73.50	----	26.12	----	47.38

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/19/04	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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-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

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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-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
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-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

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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
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

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GMW-O-14	07/20/09	74.08	----	26.31	----	47.77
GMW-O-14	10/19/09	74.08	----	26.24	----	47.84
GMW-O-14	03/15/10	74.08	----	26.71	----	47.37
GMW-O-14	05/24/10	74.08	----	26.11	----	47.97
GMW-O-14	05/28/10	74.08	----	26.11	----	47.97
GMW-O-14	10/04/10	74.08	----	26.04	----	48.04
GMW-O-14	01/10/11	74.08	----	27.12	----	46.96
GMW-O-14	04/11/11	74.08	----	25.25	----	48.83
GMW-O-14	07/11/11	74.08	----	24.77	----	49.31
GMW-O-14	10/10/11	74.08	----	25.16	----	48.92
GMW-O-14	01/09/12	74.08	----	26.14	----	47.94
GMW-O-14	04/16/12	74.08	----	26.94	----	47.14
GMW-O-14	07/09/12	74.08	----	27.51	----	46.57
GMW-O-14	10/15/12	74.08	----	27.96	----	46.12
GMW-O-14	01/14/13	74.08	----	28.32	----	45.76
GMW-O-14	04/08/13	74.08	----	28.83	----	45.25
GMW-O-14	10/07/13	74.08	----	28.84	----	45.24
GMW-O-14	04/14/14	74.08	----	29.36	----	44.72
GMW-O-14	10/27/14	74.08	----	29.84	----	44.24
GMW-O-14	04/20/15	74.08	----	30.32	----	43.76
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-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

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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
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

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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-16	05/28/96	74.10	----	24.92	----	49.18
GMW-O-16	11/20/96	74.10	----	25.89	----	48.21
GMW-O-16	07/01/97	74.10	----	24.16	----	49.94
GMW-O-16	05/04/99	74.10	----	23.19	----	50.91
GMW-O-16	08/09/99	74.10	----	24.27	----	49.83
GMW-O-16	11/15/99	74.10	----	25.02	----	49.08
GMW-O-16	05/15/00	74.10	----	24.44	----	49.66
GMW-O-16	11/13/00	74.10	----	25.71	----	48.39
GMW-O-16	05/07/01	74.10	----	23.15	----	50.95
GMW-O-16	11/05/01	74.10	----	23.16	----	50.94
GMW-O-16	04/08/02	74.10	----	24.25	----	49.85
GMW-O-16	10/21/02	74.10	----	25.72	----	48.38
GMW-O-16	04/07/03	74.10	----	24.59	----	49.51
GMW-O-16	10/06/03	74.10	----	24.55	----	49.55
GMW-O-16	01/11/04	74.10	----	28.00	----	46.10
GMW-O-16	04/19/04	74.10	----	24.98	----	49.12
GMW-O-16	07/20/04	74.10	----	25.37	----	48.73
GMW-O-16	05/02/05	74.10	----	19.48	----	54.62
GMW-O-16	08/01/05	74.10	----	20.45	----	53.65
GMW-O-16	10/31/05	74.10	----	21.04	----	53.06
GMW-O-16	02/27/06	74.10	----	22.31	----	51.79
GMW-O-16	05/01/06	74.10	----	22.36	----	51.74
GMW-O-16	09/18/06	74.10	----	23.19	----	50.91
GMW-O-16	12/04/06	74.10	----	23.33	----	50.77
GMW-O-16	04/30/07	74.10	----	23.82	----	50.28
GMW-O-16	11/12/07	74.10	----	24.35	----	49.75
GMW-O-16	02/19/08	74.10	----	24.69	----	49.41
GMW-O-16	04/14/08	74.10	----	24.08	----	50.02
GMW-O-16	10/13/08	74.10	----	25.12	----	48.98
GMW-O-16	04/20/09	74.10	----	25.20	----	48.90
GMW-O-16	10/19/09	74.10	----	25.81	----	48.29
GMW-O-16	03/15/10	74.10	----	26.30	----	47.80
GMW-O-16	04/16/10	74.10	----	25.20	----	48.90
GMW-O-16	05/24/10	74.10	----	25.14	----	48.96
GMW-O-16	05/28/10	74.10	----	25.13	----	48.97
GMW-O-16	06/22/10	74.10	----	25.55	----	48.55
GMW-O-16	07/12/10	74.10	----	26.28	----	47.82
GMW-O-16	08/12/10	74.10	----	26.43	----	47.67
GMW-O-16	09/20/10	74.10	----	26.95	----	47.15
GMW-O-16	10/04/10	74.10	----	26.10	----	48.00
GMW-O-16	11/16/10	74.10	----	26.58	----	47.52

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GMW-O-16	12/22/10	74.10	----	27.00	----	47.10
GMW-O-16	01/10/11	74.10	----	26.42	----	47.68
GMW-O-16	02/24/11	74.10	----	26.02	----	48.08
GMW-O-16	03/23/11	74.10	----	25.99	----	48.11
GMW-O-16	04/11/11	74.10	----	24.66	----	49.44
GMW-O-16	05/13/11	74.10	----	25.76	----	48.34
GMW-O-16	06/22/11	74.10	----	25.89	----	48.21
GMW-O-16	07/11/11	74.10	----	26.00	----	48.10
GMW-O-16	08/19/11	74.10	----	25.63	----	48.47
GMW-O-16	09/22/11	74.10	----	26.32	----	47.78
GMW-O-16	10/10/11	74.10	----	25.53	----	48.57
GMW-O-16	11/28/11	74.10	----	26.42	----	47.68
GMW-O-16	12/21/11	74.10	----	27.05	----	47.05
GMW-O-16	01/09/12	74.10	----	26.98	----	47.12
GMW-O-16	02/23/12	74.10	----	27.56	----	46.54
GMW-O-16	03/28/12	74.10	----	27.50	----	46.60
GMW-O-16	04/16/12	74.10	----	26.62	----	47.48
GMW-O-16	05/25/12	74.10	----	26.81	----	47.29
GMW-O-16	06/15/12	74.10	----	27.27	----	46.83
GMW-O-16	07/09/12	74.10	----	27.12	----	46.98
GMW-O-16	08/29/12	74.10	----	28.10	----	46.00
GMW-O-16	09/26/12	74.10	----	28.46	----	45.64
GMW-O-16	10/15/12	74.10	----	27.38	----	46.72
GMW-O-16	11/29/12	74.10	----	28.61	----	45.49
GMW-O-16	12/26/12	74.10	----	28.52	----	45.58
GMW-O-16	01/14/13	74.10	----	28.72	----	45.38
GMW-O-16	02/20/13	74.10	----	28.56	----	45.54
GMW-O-16	04/08/13	74.10	----	28.61	----	45.49
GMW-O-16	10/07/13	74.10	----	28.48	----	45.62
GMW-O-16	04/14/14	74.10	----	28.85	----	45.25
GMW-O-16	10/27/14	74.10	----	29.30	----	44.80
GMW-O-16	04/20/15	74.10	----	29.69	----	44.41
GMW-O-16	10/19/15	74.10	----	30.41	----	43.69
GMW-O-16	04/11/16	74.10	----	31.30	----	42.80
GMW-O-16	10/03/16	74.10	----	32.00	----	42.10
GMW-O-16	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/28/96	73.78	----	24.72	----	49.06
GMW-O-17	11/20/96	73.78	----	25.55	----	48.23
GMW-O-17	07/01/97	73.78	----	23.84	----	49.94
GMW-O-17	12/31/97	73.78	----	25.31	----	48.47
GMW-O-17	05/01/98	73.78	----	20.49	----	53.29
GMW-O-17	05/03/99	73.78	----	23.12	----	50.66
GMW-O-17	08/09/99	73.78	----	23.50	----	50.28
GMW-O-17	11/15/99	73.78	----	24.11	----	49.67
GMW-O-17	05/15/00	73.78	----	23.70	----	50.08
GMW-O-17	11/13/00	73.78	----	24.62	----	49.16
GMW-O-17	05/07/01	73.78	----	22.39	----	51.39
GMW-O-17	11/05/01	73.78	----	23.13	----	50.65
GMW-O-17	04/08/02	73.78	----	23.69	----	50.09
GMW-O-17	10/21/02	73.78	----	24.90	----	48.88
GMW-O-17	04/07/03	73.78	----	24.05	----	49.73
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/19/15	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
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-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
GMW-O-18	05/25/12	74.36	----	27.31	----	47.05
GMW-O-18	06/15/12	74.36	----	35.13	----	39.23

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/20	73.32	----	30.97	----	42.35
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-24	10/15/12	74.39	----	27.90	----	46.49	
GMW-O-24	04/08/13	74.39	----	28.53	----	45.86	
GMW-O-24	10/23/13	74.39	----	29.40	----	44.99	
GMW-O-24	04/14/14	74.39	----	29.33	----	45.06	
GMW-O-24	10/27/14	74.39	----	29.82	----	44.57	
GMW-O-24	04/20/15	74.39	----	30.23	----	44.16	
GMW-O-24	06/30/15	74.39	----	31.06	----	43.33	
GMW-O-24	10/19/15	74.39	----	30.95	----	43.44	
GMW-O-24	04/11/16	74.39	----	31.84	----	42.55	
GMW-O-24	10/03/16	74.39	----	32.39	----	42.00	
GMW-O-24	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-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	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	07/31/03	75.26	----	25.72	----	49.54
GMW-SF-7	10/06/03	75.26	----	26.57	----	48.69
GMW-SF-7	01/11/04	75.26	----	27.54	----	47.72
GMW-SF-7	01/27/04	75.26	----	26.65	----	48.61
GMW-SF-7	04/19/04	75.26	----	26.64	----	48.62
GMW-SF-7	07/19/04	75.26	----	26.89	----	48.37
GMW-SF-7	02/01/05	75.26	----	25.15	----	50.11
GMW-SF-7	05/02/05	75.26	----	20.52	----	54.74
GMW-SF-7	08/01/05	75.26	----	22.03	----	53.23
GMW-SF-7	10/31/05	75.26	----	22.99	----	52.27
GMW-SF-7	02/27/06	75.26	----	23.65	----	51.61
GMW-SF-7	05/01/06	75.26	----	23.68	----	51.58
GMW-SF-7	09/18/06	75.26	----	24.41	----	50.85
GMW-SF-7	12/04/06	75.26	----	24.72	----	50.54
GMW-SF-7	03/12/07	75.26	----	25.18	----	50.08
GMW-SF-7	04/30/07	75.26	----	25.17	----	50.09
GMW-SF-7	08/28/07	75.26	----	25.02	----	50.24
GMW-SF-7	11/12/07	75.26	----	25.57	----	49.69
GMW-SF-7	04/14/08	75.26	----	25.40	----	49.86
GMW-SF-7	10/13/08	75.26	----	26.29	----	48.97
GMW-SF-7	04/20/09	75.26	----	26.26	----	49.00
GMW-SF-7	10/19/09	75.26	----	27.51	----	47.75
GMW-SF-7	05/24/10	75.26	----	27.07	----	48.19
GMW-SF-7	05/28/10	75.26	----	27.06	----	48.20
GMW-SF-7	10/04/10	75.26	----	27.47	----	47.79
GMW-SF-7	04/11/11	75.26	----	26.13	----	49.13
GMW-SF-7	10/10/11	75.26	----	26.93	----	48.33
GMW-SF-7	04/16/12	75.26	----	28.12	----	47.14
GMW-SF-7	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

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-7	11/02/20	75.26	----	30.61	----	44.65
GMW-SF-8	05/28/96	76.75	----	27.82	----	48.93
GMW-SF-8	11/20/96	76.75	----	28.77	----	47.98
GMW-SF-8	07/01/97	76.75	----	27.35	----	49.40
GMW-SF-8	12/31/97	76.75	----	28.42	----	48.33
GMW-SF-8	05/03/99	76.75	----	26.61	----	50.14
GMW-SF-8	08/09/99	76.75	----	26.99	----	49.76
GMW-SF-8	11/15/99	76.75	----	27.55	----	49.20
GMW-SF-8	05/15/00	76.45	----	27.17	----	49.28
GMW-SF-8	11/13/00	76.45	----	27.97	----	48.48
GMW-SF-8	05/07/01	76.45	----	25.54	----	50.91
GMW-SF-8	11/05/01	76.75	----	26.55	----	50.20
GMW-SF-8	04/08/02	76.75	----	27.73	----	49.02
GMW-SF-8	10/21/02	76.75	----	28.07	----	48.68
GMW-SF-8	01/27/03	76.75	----	27.98	----	48.77
GMW-SF-8	04/07/03	76.75	----	27.63	----	49.12
GMW-SF-8	07/31/03	76.75	----	26.99	----	49.76
GMW-SF-8	10/06/03	76.75	----	27.30	----	49.45
GMW-SF-8	01/11/04	76.75	----	28.54	----	48.21
GMW-SF-8	01/27/04	76.75	----	27.87	----	48.88
GMW-SF-8	04/19/04	76.75	----	27.88	----	48.87
GMW-SF-8	07/19/04	76.75	----	28.05	----	48.70
GMW-SF-8	02/01/05	76.75	----	26.52	----	50.23
GMW-SF-8	05/02/05	76.75	----	21.91	----	54.84
GMW-SF-8	08/01/05	76.75	----	23.33	----	53.42
GMW-SF-8	10/31/05	76.75	----	24.41	----	52.34
GMW-SF-8	02/27/06	76.75	----	24.98	----	51.77
GMW-SF-8	05/01/06	76.75	----	24.98	----	51.77
GMW-SF-8	09/18/06	76.75	----	25.69	----	51.06
GMW-SF-8	12/04/06	76.75	----	26.03	----	50.72
GMW-SF-8	04/30/07	76.75	----	26.45	----	50.30
GMW-SF-8	11/12/07	76.75	----	26.87	----	49.88
GMW-SF-8	04/14/08	76.75	----	26.66	----	50.09
GMW-SF-8	10/13/08	76.75	----	27.75	----	49.00
GMW-SF-8	04/20/09	76.75	----	27.68	----	49.07
GMW-SF-8	10/19/09	76.75	----	29.01	----	47.74
GMW-SF-8	05/24/10	76.75	----	28.34	----	48.41
GMW-SF-8	05/28/10	76.75	----	28.30	----	48.45
GMW-SF-8	10/04/10	76.75	----	28.70	----	48.05
GMW-SF-8	01/10/11	76.75	----	28.85	----	47.90
GMW-SF-8	04/11/11	76.75	----	27.44	----	49.31
GMW-SF-8	10/10/11	76.75	----	28.18	----	48.57
GMW-SF-8	01/09/12	76.75	----	28.92	----	47.83

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/16/12	76.75	----	29.34	----	47.41
GMW-SF-8	07/09/12	76.75	----	30.09	----	46.66
GMW-SF-8	10/15/12	76.75	----	30.21	----	46.54
GMW-SF-8	01/14/13	76.75	----	30.92	----	45.83
GMW-SF-8	04/08/13	76.75	----	30.98	----	45.77
GMW-SF-8	10/07/13	76.75	----	32.16	----	44.59
GMW-SF-8	04/14/14	76.75	----	31.63	----	45.12
GMW-SF-8	10/27/14	76.75	----	32.08	----	44.67
GMW-SF-8	04/20/15	76.75	----	32.59	----	44.16
GMW-SF-8	10/19/15	76.75	----	33.28	----	43.47
GMW-SF-8	04/11/16	76.75	----	34.50	----	42.25
GMW-SF-8	10/03/16	76.75	----	35.01	----	41.74
GMW-SF-8	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-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-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
GW-1	05/25/99	75.46	----	27.73	----	47.73

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/15/00	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-3	05/01/98	75.00	----	28.26	----	46.74

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/25/99	76.56	----	28.90	----	47.66
GW-3	05/15/00	76.56	----	29.29	----	47.27
GW-3	05/07/01	76.56	----	28.63	----	47.93
GW-3	04/08/02	76.56	----	29.23	----	47.33
GW-3	10/21/02	76.56	----	29.26	----	47.30
GW-3	04/07/03	76.56	----	28.25	----	48.31
GW-3	10/06/03	76.56	----	29.06	----	47.50
GW-3	04/19/04	76.56	----	30.24	----	46.32
GW-3	11/01/04	75.79	----	28.84	----	46.95
GW-3	05/02/05	76.56	----	25.65	----	50.91
GW-3	05/01/06	75.79	----	25.90	----	49.89
GW-3	12/01/06	75.79	----	26.31	----	49.48
GW-3	04/30/07	73.86	----	26.65	----	47.21
GW-3	11/12/07	75.79	----	27.11	----	48.68
GW-3	04/11/08	76.56	----	27.92	----	48.64
GW-3	07/24/08	75.79	----	27.79	----	48.00
GW-3	10/13/08	75.79	----	28.39	----	47.40
GW-3	02/09/09	75.79	----	27.12	----	48.67
GW-3	04/20/09	75.79	----	26.30	----	49.49
GW-3	10/19/09	75.79	----	29.24	----	46.55
GW-3	04/07/10	76.56	----	55.57	----	20.99
GW-3	04/12/10	75.79	----	28.84	----	46.95
GW-3	10/01/10	75.79	----	29.10	----	46.69
GW-3	04/06/11	75.79	----	28.50	----	47.29
GW-3	07/08/11	75.79	----	28.36	----	47.43
GW-3	10/06/11	75.79	----	28.65	----	47.14
GW-3	04/12/12	75.79	----	29.35	----	46.44
GW-3	01/10/13	75.79	----	30.49	----	45.30
GW-3	04/02/13	75.79	----	30.38	----	45.41
GW-3	04/08/13	75.79	----	30.26	----	45.53
GW-3	10/01/13	75.79	----	31.14	----	44.65
GW-3	04/09/14	75.79	----	31.99	----	43.80
GW-3	04/15/14	75.79	----	31.92	----	43.87
GW-3	10/27/14	75.79	----	32.34	----	43.45
GW-3	04/20/15	75.79	----	32.72	----	43.07
GW-3	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
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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-7	04/11/08	76.76	----	27.50	----	49.26
GW-7	07/24/08	76.46	----	27.62	----	48.84
GW-7	10/14/08	76.46	----	28.55	----	47.91
GW-7	02/10/09	75.02	----	27.75	----	47.27
GW-7	04/08/10	76.76	----	29.04	----	47.72
GW-7	10/01/10	75.02	----	27.91	----	47.11
GW-7	01/07/11	75.02	----	28.12	----	46.90
GW-7	04/06/11	75.02	----	26.94	----	48.08
GW-7	07/08/11	75.02	----	27.00	----	48.02
GW-7	10/06/11	75.02	----	27.50	----	47.52
GW-7	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	08/28/07	76.88	----	26.91	----	49.97
GW-8	11/12/07	76.88	----	27.52	----	49.36
GW-8	02/05/08	76.15	----	28.62	----	47.53
GW-8	04/11/08	76.15	----	27.35	----	48.80
GW-8	07/24/08	76.15	----	27.81	----	48.34
GW-8	10/13/08	76.15	----	28.40	----	47.75
GW-8	02/09/09	76.15	----	28.59	----	47.56
GW-8	07/16/09	76.15	----	28.48	----	47.67
GW-8	04/07/10	76.15	----	29.04	----	47.11
GW-8	10/01/10	76.15	----	29.19	----	46.96
GW-8	01/06/11	76.15	----	29.32	----	46.83
GW-8	04/06/11	76.15	----	28.27	----	47.88
GW-8	07/07/11	76.15	----	28.41	----	47.74
GW-8	10/06/11	76.15	----	28.76	----	47.39
GW-8	04/12/12	76.15	----	29.98	----	46.17
GW-8	01/10/13	76.15	----	30.85	----	45.30
GW-8	04/02/13	76.15	----	30.80	----	45.35
GW-8	10/01/13	76.15	----	31.53	----	44.62
GW-8	04/07/14	76.15	----	32.31	----	43.84
GW-8	04/17/14	76.15	----	31.99	----	44.16
GW-8	10/27/14	76.15	----	32.62	----	43.53
GW-8	04/20/15	76.15	----	32.95	----	43.20
GW-8	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-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
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

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)
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(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
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

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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-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
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(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

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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
GW-16	10/19/20	76.33	----	35.22	----	41.11
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

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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
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-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

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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
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
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

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HL-2	12/31/97	76.91	----	30.34	----	46.57
HL-2	05/01/98	76.91	----	28.16	----	48.75
HL-2	05/04/99	76.91	----	28.10	----	48.81
HL-2	08/09/99	76.91	----	28.37	----	48.54
HL-2	11/15/99	76.91	----	28.08	----	48.83
HL-2	05/15/00	76.91	----	28.23	----	48.68
HL-2	11/13/00	76.91	----	29.21	----	47.70
HL-2	05/07/01	76.91	----	25.99	----	50.92
HL-2	05/10/01	76.91	----	27.89	----	49.02
HL-2	11/05/01	76.91	----	27.76	----	49.15
HL-2	04/08/02	76.91	----	28.12	----	48.79
HL-2	10/21/02	76.91	----	28.40	----	48.51
HL-2	04/07/03	76.91	----	28.70	----	48.21
HL-2	07/07/03	76.94	----	28.61	----	48.33
HL-2	10/06/03	76.91	----	28.50	----	48.41
HL-2	01/20/04	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/27/14	76.94	----	32.89	----	44.05
HL-2	04/20/15	76.94	----	33.37	----	43.57
HL-2	10/19/15	76.94	----	34.08	----	42.86
HL-2	04/11/16	76.94	----	35.51	----	41.43
HL-2	10/03/16	76.94	----	35.17	----	41.77
HL-2	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-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
HL-3	04/20/15	76.86	----	33.43	----	43.43

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)
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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-7	05/28/96	78.13	----	32.10	----	46.03
MW-7	11/20/96	78.13	----	32.65	----	45.48

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	07/01/97	78.13	----	34.04	----	44.09
MW-7	12/31/97	78.13	----	32.78	----	45.35
MW-7	05/01/98	78.13	----	30.17	----	47.96
MW-7	05/03/99	78.13	----	30.64	----	47.49
MW-7	08/09/99	78.13	----	30.56	----	47.57
MW-7	11/15/99	78.13	----	30.40	----	47.73
MW-7	05/15/00	78.13	----	30.30	----	47.83
MW-7	11/13/00	78.13	----	31.69	----	46.44
MW-7	05/07/01	78.13	----	29.43	----	48.70
MW-7	11/05/01	78.13	----	29.34	----	48.79
MW-7	04/08/02	78.13	----	30.05	----	48.08
MW-7	10/21/02	78.13	----	30.42	----	47.71
MW-7	04/07/03	78.13	----	31.46	----	46.67
MW-7	10/06/03	78.13	----	30.50	----	47.63
MW-7	01/11/04	78.13	----	32.16	----	45.97
MW-7	04/19/04	78.13	----	32.30	----	45.83
MW-7	05/02/05	78.13	----	27.06	----	51.07
MW-7	10/31/05	78.13	----	27.11	----	51.02
MW-7	05/01/06	78.13	----	27.51	----	50.62
MW-7	12/04/06	78.13	----	28.34	----	49.79
MW-7	04/30/07	78.13	----	28.37	----	49.76
MW-7	11/12/07	78.13	----	28.73	----	49.40
MW-7	04/14/08	78.13	----	29.75	----	48.38
MW-7	10/13/08	78.13	----	29.63	----	48.50
MW-7	04/20/09	78.13	----	29.76	----	48.37
MW-7	10/19/09	78.13	----	30.70	----	47.43
MW-7	05/24/10	78.13	----	30.70	----	47.43
MW-7	05/28/10	78.13	----	30.68	----	47.45
MW-7	10/04/10	78.13	----	28.16	----	49.97
MW-7	04/11/11	78.13	----	29.64	----	48.49
MW-7	10/10/11	78.13	----	30.02	----	48.11
MW-7	04/16/12	78.13	----	31.04	----	47.09
MW-7	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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

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)
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
MW-8	05/04/20	76.06	----	31.31	----	44.75
MW-8	11/02/20	76.06	----	26.46	----	49.60
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/19/04	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/07/01	79.12	----	31.21	----	47.91
MW-10	04/08/02	79.12	----	31.91	----	47.21
MW-10	10/21/02	79.12	----	31.53	----	47.59
MW-10	04/07/03	79.12	----	31.15	----	47.97
MW-10	10/06/03	79.12	----	31.11	----	48.01
MW-10	04/19/04	79.12	----	32.12	----	47.00
MW-10	11/01/04	79.12	----	31.96	----	47.16
MW-10	05/02/05	79.12	----	27.68	----	51.44
MW-10	03/06/06	79.12	----	28.44	----	50.68
MW-10	05/01/06	79.12	----	28.87	----	50.25
MW-10	08/26/06	79.12	----	29.17	----	49.95
MW-10	12/01/06	79.12	----	29.52	----	49.60
MW-10	03/21/07	79.12	----	29.71	----	49.41
MW-10	04/27/07	79.12	----	29.90	----	49.22
MW-10	08/28/07	79.12	----	30.22	----	48.90
MW-10	11/12/07	79.12	----	30.50	----	48.62
MW-10	02/05/08	79.12	----	30.90	----	48.22
MW-10	04/11/08	79.12	----	30.31	----	48.81
MW-10	07/24/08	79.12	----	30.48	----	48.64
MW-10	10/13/08	79.12	----	31.39	----	47.73
MW-10	02/09/09	79.12	----	30.05	----	49.07
MW-10	07/16/09	79.12	----	31.42	----	47.70
MW-10	04/07/10	79.12	----	32.00	----	47.12
MW-10	10/01/10	79.12	----	32.09	----	47.03
MW-10	01/06/11	79.12	----	32.22	----	46.90
MW-10	04/08/11	79.12	----	31.24	----	47.88
MW-10	07/07/11	79.12	----	31.37	----	47.75
MW-10	10/06/11	79.12	----	31.71	----	47.41
MW-10	04/12/12	79.12	----	32.63	----	46.49
MW-10	01/10/13	79.12	----	33.78	----	45.34
MW-10	04/02/13	79.12	----	33.70	----	45.42
MW-10	04/07/14	79.12	----	35.23	----	43.89
MW-10	04/14/16	79.12	----	37.01	----	42.11
MW-11	05/28/96	78.17	27.63	30.52	2.89	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/21/02	78.17	----	29.98	----	48.19
MW-11	04/07/03	78.17	----	29.95	----	48.22
MW-11	10/06/03	78.17	----	30.36	----	47.81
MW-11	04/19/04	78.17	----	31.94	----	46.23
MW-11	11/01/04	78.17	----	30.80	----	47.37
MW-11	05/02/05	78.17	----	26.97	----	51.20
MW-11	05/01/06	78.17	----	27.86	----	50.31
MW-11	08/26/06	78.17	----	28.28	----	49.89
MW-11	12/01/06	78.17	----	28.56	----	49.61
MW-11	04/30/07	78.17	----	28.94	----	49.23
MW-11	11/12/07	78.17	----	29.50	----	48.67
MW-11	04/11/08	78.17	----	29.15	----	49.02
MW-11	10/14/08	78.17	----	30.18	----	47.99
MW-11	04/20/09	78.17	----	30.00	----	48.17
MW-11	10/19/09	78.17	----	30.91	----	47.26
MW-11	04/07/10	78.17	----	30.72	----	47.45
MW-11	04/12/10	78.17	----	30.55	----	47.62
MW-11	10/01/10	78.17	----	30.97	----	47.20
MW-11	01/07/11	78.17	----	31.12	----	47.05
MW-11	04/12/12	78.17	----	31.52	----	46.65
MW-11	04/19/12	78.17	----	31.34	----	46.83
MW-11	04/05/13	78.17	----	32.71	----	45.46
MW-12	05/28/96	75.76	----	28.18	----	47.58
MW-12	11/20/96	75.76	----	28.97	----	46.79
MW-12	07/01/97	75.76	----	29.49	----	46.27
MW-12	12/31/97	75.76	----	28.98	----	46.78
MW-12	05/01/98	75.76	----	26.27	----	49.49
MW-12	05/04/99	75.76	----	27.53	----	48.23
MW-12	11/15/99	75.76	----	27.65	----	48.11
MW-12	05/15/00	75.76	----	30.34	----	45.42
MW-12	11/13/00	75.76	----	27.38	----	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	12/31/97	78.25	----	31.24	----	47.01
MW-13	05/01/98	78.25	----	28.22	----	50.03
MW-13	05/25/99	78.25	----	29.19	----	49.06
MW-13	05/15/00	78.25	----	29.95	----	48.30
MW-13	11/13/00	78.25	----	27.21	----	51.04
MW-13	02/05/01	78.25	----	29.42	----	48.83
MW-13	05/07/01	78.25	----	28.95	----	49.30
MW-13	04/08/02	78.25	----	30.33	----	47.92
MW-13	09/19/02	78.25	----	30.73	----	47.52
MW-13	10/21/02	78.25	----	30.88	----	47.37
MW-13	04/07/03	78.25	----	30.05	----	48.20
MW-13	10/06/03	78.25	----	29.76	----	48.49
MW-13	04/19/04	78.25	----	30.50	----	47.75
MW-13	11/01/04	78.25	----	30.85	----	47.40
MW-13	02/28/05	78.25	----	27.54	----	50.71
MW-13	05/02/05	78.25	----	25.62	----	52.63
MW-13	03/06/06	78.25	----	27.70	----	50.55
MW-13	05/01/06	78.25	----	27.70	----	50.55
MW-13	08/26/06	78.25	----	28.04	----	50.21
MW-13	12/01/06	78.25	----	28.49	----	49.76
MW-13	03/21/07	78.25	----	28.58	----	49.67
MW-13	04/27/07	78.25	----	29.00	----	49.25
MW-13	08/28/07	78.25	----	29.10	----	49.15
MW-13	11/12/07	78.25	----	29.46	----	48.79
MW-13	02/05/08	78.25	----	30.00	----	48.25
MW-13	04/11/08	78.25	----	29.23	----	49.02
MW-13	07/24/08	78.25	----	29.71	----	48.54
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/09/14	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	03/06/06	78.60	----	28.34	----	50.26
MW-14	05/01/06	78.60	----	28.76	----	49.84
MW-14	08/26/06	78.60	----	28.89	----	49.71
MW-14	12/01/06	78.60	----	29.15	----	49.45
MW-14	03/21/07	78.60	----	29.21	----	49.39
MW-14	04/30/07	78.60	----	29.44	----	49.16
MW-14	08/28/07	78.60	----	29.77	----	48.83
MW-14	11/12/07	78.60	----	29.91	----	48.69
MW-14	02/05/08	78.60	----	30.24	----	48.36
MW-14	04/11/08	78.60	----	29.73	----	48.87
MW-14	07/24/08	78.60	----	30.21	----	48.39
MW-14	10/13/08	78.60	----	30.71	----	47.89
MW-14	02/09/09	78.60	----	30.77	----	47.83
MW-14	04/20/09	78.60	----	30.80	----	47.80
MW-14	07/16/09	78.60	----	31.21	----	47.39
MW-14	07/20/09	78.60	----	31.31	----	47.29
MW-14	10/19/09	78.60	----	31.43	----	47.17
MW-14	01/11/10	78.60	----	31.94	----	46.66
MW-14	04/07/10	78.60	----	31.79	----	46.81
MW-14	04/12/10	78.60	----	31.44	----	47.16
MW-14	01/06/11	78.60	----	32.86	----	45.74
MW-14	04/06/11	78.60	----	31.13	----	47.47
MW-14	07/07/11	78.60	----	31.13	----	47.47
MW-14	10/06/11	78.60	----	31.31	----	47.29
MW-14	01/09/12	78.60	----	31.40	----	47.20
MW-14	04/12/12	78.60	----	32.07	----	46.53
MW-14	04/18/12	78.60	----	31.83	----	46.77
MW-14	01/11/13	78.60	----	33.24	----	45.36
MW-14	04/02/13	78.60	----	33.13	----	45.47
MW-14	04/08/13	78.60	----	33.80	----	44.80
MW-14	10/01/13	78.60	----	33.90	----	44.70
MW-14	04/07/14	78.60	----	34.98	----	43.62
MW-14	10/27/14	78.60	----	35.03	----	43.57
MW-14	04/20/15	78.60	----	35.38	----	43.22
MW-14	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/19/20	78.60	----	38.25	----	40.35
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
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					

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-16	05/28/96	76.87	----	28.85	----	48.02
MW-16	11/20/96	76.87	----	29.84	----	47.03
MW-16	07/01/97	76.87	----	28.17	----	48.70
MW-16	12/31/97	76.87	----	28.47	----	48.40
MW-16	05/01/98	76.87	----	23.99	----	52.88
MW-16	05/25/99	76.87	----	27.49	----	49.38
MW-16	05/15/00	76.87	----	28.17	----	48.70
MW-16	11/13/00	76.87	----	28.83	----	48.04
MW-16	05/07/01	76.87	----	27.05	----	49.82
MW-16	02/01/02	76.87	----	27.46	----	49.41
MW-16	04/08/02	76.87	----	28.36	----	48.51
MW-16	10/21/02	76.87	----	28.97	----	47.90
MW-16	01/27/03	76.87	----	28.62	----	48.25
MW-16	04/07/03	76.87	----	28.22	----	48.65
MW-16	07/30/03	76.87	----	27.87	----	49.00
MW-16	10/06/03	76.87	----	28.00	----	48.87
MW-16	01/27/04	76.87	----	28.56	----	48.31
MW-16	04/19/04	76.87	----	28.79	----	48.08
MW-16	07/19/04	76.87	----	28.79	----	48.08
MW-16	11/01/04	76.87	----	29.50	----	47.37
MW-16	02/01/05	76.87	----	27.16	----	49.71
MW-16	05/02/05	76.87	----	23.28	----	53.59
MW-16	08/01/05	76.87	----	24.36	----	52.51
MW-16	03/06/06	76.87	----	25.92	----	50.95
MW-16	05/01/06	76.87	----	25.85	----	51.02
MW-16	08/26/06	76.87	----	26.32	----	50.55
MW-16	09/18/06	76.87	----	26.32	----	50.55
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/07/03	77.86	----	29.05	----	48.81
MW-17	10/06/03	77.86	----	28.90	----	48.96
MW-17	04/19/04	77.86	----	29.72	----	48.14
MW-17	11/01/04	77.86	----	30.33	----	47.53
MW-17	05/02/05	77.86	----	24.30	----	53.56
MW-17	03/06/06	77.86	----	26.85	----	51.01
MW-17	05/01/06	77.86	----	26.90	----	50.96
MW-17	08/26/06	77.86	----	27.41	----	50.45
MW-17	12/01/06	77.86	----	27.90	----	49.96
MW-17	03/21/07	77.86	----	27.99	----	49.87
MW-17	04/27/07	77.86	----	28.45	----	49.41
MW-17	08/28/07	77.86	----	28.45	----	49.41
MW-17	11/12/07	77.86	----	28.91	----	48.95
MW-17	02/05/08	77.86	----	29.46	----	48.40
MW-17	04/11/08	77.86	----	28.51	----	49.35
MW-17	07/24/08	77.86	----	29.11	----	48.75
MW-17	10/13/08	77.86	----	30.00	----	47.86
MW-17	02/09/09	77.86	----	29.36	----	48.50
MW-17	04/20/09	77.86	----	29.31	----	48.55
MW-17	07/16/09	77.86	----	32.25	----	45.61
MW-17	10/19/09	77.86	----	30.72	----	47.14
MW-17	04/07/10	77.86	----	29.92	----	47.94
MW-17	04/12/10	77.86	----	29.92	----	47.94
MW-17	01/06/11	77.86	----	30.93	----	46.93
MW-17	04/07/11	77.86	----	28.97	----	48.89
MW-17	07/07/11	77.86	----	29.49	----	48.37
MW-17	10/06/11	77.86	----	30.17	----	47.69
MW-17	04/12/12	77.86	----	31.35	----	46.51
MW-17	04/17/12	77.86	----	30.99	----	46.87
MW-17	01/10/13	77.86	----	32.34	----	45.52
MW-17	04/02/13	77.86	----	32.44	----	45.42
MW-17	04/08/13	77.86	----	32.43	----	45.43
MW-17	10/01/13	77.86	----	33.07	----	44.79
MW-17	04/09/14	77.86	----	33.45	----	44.41
MW-17	04/16/14	77.86	----	33.02	----	44.84
MW-17	10/27/14	77.86	----	33.76	----	44.10
MW-17	04/20/15	77.86	----	34.06	----	43.80
MW-17	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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/16/19	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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-19 (MID)	05/28/96	78.14	----	31.52	----	46.62
MW-19 (MID)	11/20/96	78.14	----	32.04	----	46.10
MW-19 (MID)	07/01/97	78.14	----	33.51	----	44.63
MW-19 (MID)	12/31/97	78.14	----	33.72	----	44.42
MW-19 (MID)	05/01/98	78.14	----	29.48	----	48.66
MW-19 (MID)	02/03/99	78.14	----	29.05	----	49.09
MW-19 (MID)	05/03/99	78.14	----	30.91	----	47.23
MW-19 (MID)	08/09/99	78.14	----	30.90	----	47.24
MW-19 (MID)	11/15/99	78.14	----	30.63	----	47.51
MW-19 (MID)	02/29/00	78.14	----	29.59	----	48.55
MW-19 (MID)	05/15/00	78.14	----	25.27	----	52.87
MW-19 (MID)	08/28/00	78.14	----	32.23	----	45.91
MW-19 (MID)	11/13/00	78.14	----	31.90	----	46.24
MW-19 (MID)	02/05/01	78.14	----	30.55	----	47.59
MW-19 (MID)	05/07/01	78.14	----	29.82	----	48.32
MW-19 (MID)	09/18/01	78.14	----	29.81	----	48.33
MW-19 (MID)	11/05/01	78.14	----	29.71	----	48.43
MW-19 (MID)	01/29/02	78.14	----	30.00	----	48.14
MW-19 (MID)	04/08/02	78.14	----	30.12	----	48.02
MW-19 (MID)	10/21/02	78.14	----	41.44	----	36.70
MW-19 (MID)	04/07/03	78.14	----	31.94	----	46.20
MW-19 (MID)	10/06/03	78.14	----	31.10	----	47.04
MW-19 (MID)	01/11/04	78.14	----	32.97	----	45.17
MW-19 (MID)	04/19/04	78.14	----	33.87	----	44.27
MW-19 (MID)	05/02/05	78.14	----	28.00	----	50.14
MW-19 (MID)	10/31/05	78.14	----	28.35	----	49.79
MW-19 (MID)	05/01/06	78.14	----	28.70	----	49.44
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	10/31/05	77.19	----	28.61	----	48.58
MW-20 (MID)	05/01/06	77.19	----	28.65	----	48.54
MW-20 (MID)	12/04/06	77.19	----	29.37	----	47.82
MW-20 (MID)	04/30/07	77.19	----	29.35	----	47.84
MW-20 (MID)	11/12/07	77.19	----	29.98	----	47.21
MW-20 (MID)	04/14/08	77.19	----	30.21	----	46.98
MW-20 (MID)	10/13/08	77.19	----	30.93	----	46.26
MW-20 (MID)	04/20/09	77.19	----	31.09	----	46.10
MW-20 (MID)	10/19/09	77.19	----	32.11	----	45.08
MW-20 (MID)	05/24/10	77.19	----	32.33	----	44.86
MW-20 (MID)	05/28/10	77.19	----	32.29	----	44.90
MW-20 (MID)	04/11/11	77.19	----	31.39	----	45.80
MW-20 (MID)	10/10/11	77.19	----	31.55	----	45.64
MW-20 (MID)	04/16/12	77.19	----	32.20	----	44.99
MW-20 (MID)	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	04/19/04	77.55	----	30.66	----	46.89
MW-21 (MID)	05/02/05	77.55	----	25.61	----	51.94
MW-21 (MID)	10/31/05	77.55	----	26.31	----	51.24
MW-21 (MID)	05/01/06	77.55	----	26.66	----	50.89
MW-21 (MID)	12/04/06	77.55	----	27.55	----	50.00
MW-21 (MID)	04/30/07	77.55	----	27.68	----	49.87
MW-21 (MID)	11/12/07	77.55	----	28.08	----	49.47
MW-21 (MID)	04/14/08	77.55	----	28.32	----	49.23
MW-21 (MID)	10/13/08	77.55	----	28.96	----	48.59
MW-21 (MID)	04/20/09	77.55	----	29.19	----	48.36
MW-21 (MID)	10/19/09	77.55	----	30.30	----	47.25
MW-21 (MID)	05/24/10	77.55	----	30.00	----	47.55
MW-21 (MID)	05/28/10	77.55	----	29.97	----	47.58
MW-21 (MID)	04/11/11	77.55	----	29.00	----	48.55
MW-21 (MID)	10/10/11	77.55	----	29.44	----	48.11
MW-21 (MID)	04/16/12	77.55	----	30.54	----	47.01
MW-21 (MID)	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-22 (MID)	05/28/96	79.57	----	33.53	----	46.04
MW-22 (MID)	11/20/96	79.57	----	34.39	----	45.18
MW-22 (MID)	07/01/97	79.57	----	35.42	----	44.15
MW-22 (MID)	12/31/97	79.57	----	34.06	----	45.51
MW-22 (MID)	05/01/98	79.57	----	32.12	----	47.45
MW-22 (MID)	02/02/99	79.57	----	31.76	----	47.81
MW-22 (MID)	05/04/99	79.57	----	32.60	----	46.97
MW-22 (MID)	05/25/99	79.57	----	32.02	----	47.55
MW-22 (MID)	08/09/99	79.57	----	33.24	----	46.33
MW-22 (MID)	02/29/00	79.57	----	32.76	----	46.81

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
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)	05/15/00	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
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

APPENDIX C

HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020

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)	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-23 (MID)	05/28/96	79.59	----	32.44	----	47.15
MW-23 (MID)	11/20/96	79.59	----	33.20	----	46.39
MW-23 (MID)	07/01/97	79.59	----	32.94	----	46.65
MW-23 (MID)	12/31/97	79.59	----	33.14	----	46.45
MW-23 (MID)	05/01/98	79.59	----	30.25	----	49.34
MW-23 (MID)	05/25/99	79.59	----	31.03	----	48.56
MW-23 (MID)	05/15/00	79.59	----	31.97	----	47.62
MW-23 (MID)	11/13/00	79.59	----	31.21	----	48.38
MW-23 (MID)	05/07/01	79.59	----	28.30	----	51.29
MW-23 (MID)	04/08/02	79.59	----	32.27	----	47.32
MW-23 (MID)	10/21/02	79.59	----	31.44	----	48.15
MW-23 (MID)	04/07/03	79.59	----	30.22	----	49.37
MW-23 (MID)	10/06/03	79.59	----	31.50	----	48.09
MW-23 (MID)	04/19/04	79.59	----	32.65	----	46.94
MW-23 (MID)	11/01/04	79.59	----	32.33	----	47.26
MW-23 (MID)	05/02/05	79.59	----	27.72	----	51.87
MW-23 (MID)	03/06/06	79.59	----	28.81	----	50.78
MW-23 (MID)	05/01/06	79.59	----	29.21	----	50.38
MW-23 (MID)	08/26/06	79.59	----	29.56	----	50.03
MW-23 (MID)	12/01/06	79.59	----	29.91	----	49.68
MW-23 (MID)	03/21/07	79.59	----	30.14	----	49.45
MW-23 (MID)	04/27/07	79.59	----	30.33	----	49.26

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/13/08	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
MW-25	04/08/13	79.15	----	33.44	----	45.71
MW-26	05/28/96	77.40	----	30.70	----	46.70
MW-26	11/20/96	77.40	----	31.25	----	46.15
MW-26	07/01/97	77.40	----	32.24	----	45.16
MW-26	12/31/97	77.40	----	31.44	----	45.96
MW-26	05/01/98	77.40	----	28.96	----	48.44
MW-26	05/25/99	77.40	----	29.54	----	47.86
MW-26	05/15/00	77.40	----	29.97	----	47.43
MW-26	11/13/00	77.40	----	30.73	----	46.67
MW-26	05/07/01	77.40	----	29.05	----	48.35
MW-26	04/08/02	77.40	----	29.94	----	47.46
MW-26	10/21/02	77.40	----	29.73	----	47.67
MW-26	04/07/03	77.40	----	29.50	----	47.90
MW-26	10/06/03	77.40	----	29.78	----	47.62

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/19/04	77.40	----	30.54	----	46.86
MW-26	11/01/04	77.40	----	30.43	----	46.97
MW-26	05/02/05	77.40	----	26.06	----	51.34
MW-26	05/01/06	77.40	----	27.46	----	49.94
MW-26	12/01/06	77.40	----	28.00	----	49.40
MW-26	04/30/07	77.40	----	28.18	----	49.22
MW-26	11/12/07	77.40	----	28.75	----	48.65
MW-26	04/11/08	77.40	----	28.46	----	48.94
MW-26	07/24/08	77.40	----	29.00	----	48.40
MW-26	10/13/08	77.40	----	29.42	----	47.98
MW-26	02/09/09	77.40	----	29.11	----	48.29
MW-26	04/20/09	77.40	----	29.42	----	47.98
MW-26	10/19/09	77.40	----	30.00	----	47.40
MW-26	04/07/10	77.40	----	30.24	----	47.16
MW-26	04/12/10	77.40	----	29.82	----	47.58
MW-26	01/07/11	77.40	----	30.77	----	46.63
MW-26	04/06/11	77.40	----	29.52	----	47.88
MW-26	07/08/11	77.40	----	29.48	----	47.92
MW-26	10/06/11	77.40	----	29.88	----	47.52
MW-26	04/12/12	77.40	----	30.77	----	46.63
MW-26	04/17/12	77.40	----	30.58	----	46.82
MW-26	01/11/13	77.40	----	32.17	----	45.23
MW-26	04/03/13	77.40	----	31.94	----	45.46
MW-26	04/08/13	77.40	----	31.86	----	45.54
MW-26	10/02/13	77.40	----	32.72	----	44.68
MW-26	04/09/14	77.40	----	33.63	----	43.77
MW-26	04/15/14	77.40	----	33.38	----	44.02
MW-26	10/27/14	77.40	----	33.81	----	43.59
MW-26	04/20/15	77.40	----	34.22	----	43.18
MW-26	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-27	05/28/96	78.46	----	31.43	----	47.03
MW-27	11/20/96	78.46	----	32.13	----	46.33

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	07/01/97	78.46	----	32.99	----	45.47
MW-27	12/31/97	78.46	----	32.21	----	46.25
MW-27	05/01/98	78.46	----	29.05	----	49.41
MW-27	05/25/99	78.46	----	30.27	----	48.19
MW-27	05/15/00	78.46	----	30.81	----	47.65
MW-27	11/13/00	78.46	----	31.79	----	46.67
MW-27	05/07/01	78.46	----	29.61	----	48.85
MW-27	04/08/02	78.46	----	30.69	----	47.77
MW-27	10/21/02	78.46	----	30.62	----	47.84
MW-27	04/07/03	78.46	----	30.40	----	48.06
MW-27	10/06/03	78.46	----	30.79	----	47.67
MW-27	04/19/04	78.46	----	31.87	----	46.59
MW-27	11/01/04	78.46	----	31.66	----	46.80
MW-27	05/02/05	78.46	----	26.48	----	51.98
MW-27	05/01/06	78.46	----	28.17	----	50.29
MW-27	12/01/06	78.46	----	28.99	----	49.47
MW-27	04/30/07	78.46	----	29.17	----	49.29
MW-27	11/12/07	78.46	----	29.75	----	48.71
MW-27	04/11/08	78.46	----	29.25	----	49.21
MW-27	07/24/08	78.46	----	29.96	----	48.50
MW-27	10/13/08	78.46	----	30.34	----	48.12
MW-27	02/09/09	78.46	----	30.44	----	48.02
MW-27	04/20/09	78.46	----	30.27	----	48.19
MW-27	10/19/09	78.46	----	31.23	----	47.23
MW-27	04/07/10	78.46	----	30.95	----	47.51
MW-27	04/12/10	78.46	----	30.79	----	47.67
MW-27	01/07/11	78.46	----	31.53	----	46.93
MW-27	04/06/11	78.46	----	29.82	----	48.64
MW-27	07/08/11	78.46	----	30.03	----	48.43
MW-27	10/06/11	78.46	----	30.06	----	48.40
MW-27	04/12/12	78.46	----	31.72	----	46.74
MW-27	04/17/12	78.46	----	31.49	----	46.97
MW-27	01/11/13	78.46	----	33.24	----	45.22
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-28	05/28/96	78.53	----	31.13	----	47.40
MW-28	11/20/96	78.53	----	31.79	----	46.74
MW-28	07/01/97	78.53	----	31.98	----	46.55
MW-28	12/31/97	78.53	----	31.51	----	47.02
MW-28	05/01/98	78.53	----	29.09	----	49.44
MW-28	05/25/99	78.53	----	29.83	----	48.70
MW-28	05/15/00	78.53	----	30.45	----	48.08
MW-28	11/13/00	78.53	----	30.65	----	47.88
MW-28	05/07/01	78.53	----	29.18	----	49.35
MW-28	04/08/02	78.53	----	30.25	----	48.28
MW-28	10/21/02	78.53	----	30.77	----	47.76
MW-28	04/07/03	78.53	----	29.85	----	48.68
MW-28	10/06/03	78.53	----	30.10	----	48.43
MW-28	04/19/04	78.53	----	31.45	----	47.08
MW-28	11/01/04	78.53	----	31.25	----	47.28
MW-28	05/02/05	78.53	----	25.17	----	53.36
MW-28	05/01/06	78.53	----	27.55	----	50.98
MW-28	12/01/06	78.53	----	28.66	----	49.87
MW-28	04/30/07	78.53	----	29.05	----	49.48
MW-28	11/12/07	78.53	----	29.64	----	48.89
MW-28	04/11/08	78.53	----	29.28	----	49.25
MW-28	10/14/08	78.53	----	30.38	----	48.15
MW-28	04/08/10	78.53	----	30.58	----	47.95
MW-28	10/01/10	78.53	----	31.07	----	47.46
MW-28	01/07/11	78.53	----	31.13	----	47.40
MW-28	04/12/12	78.53	----	31.76	----	46.77
MW-28	10/02/13	78.53	----	33.89	----	44.64
MW-28	04/07/14	78.53	----	34.91	----	43.62
MW-28	10/27/14	78.53	----	34.79	----	43.74
MW-28	04/20/15	78.53	----	35.10	----	43.43
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/20	75.90	----	34.95	----	40.95
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
MW-29	05/05/20	79.13	----	37.98	----	41.15
MW-29	10/19/20	79.13	----	37.98	----	41.15
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)	----	----

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)	
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-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	

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/20	71.90	----	30.60	----	41.30
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
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

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)
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-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
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

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)
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-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
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

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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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

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)
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)	----	----
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-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

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)
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
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-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

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)	
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	
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-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-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	
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	

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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-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-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
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

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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-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
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	----	----

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/20	78.16	----	DRY (35.80)	----	----
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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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)	----	----
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

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)	
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	----	----	
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-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
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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)	
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-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	
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	

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)
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
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

APPENDIX C
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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
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

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	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-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
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

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 15306 Norwalk Boulevard, Norwalk, California 90650

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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
PZ-3	10/19/20	76.17	----	35.20	----	40.97
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

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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-4	02/28/05	76.13	----	25.13	----	51.00
PZ-4	05/02/05	76.13	----	24.50	----	51.63
PZ-4	03/06/06	76.13	----	25.25	----	50.88
PZ-4	05/01/06	76.13	----	25.63	----	50.50
PZ-4	08/26/06	76.13	----	26.05	----	50.08
PZ-4	12/01/06	76.13	----	26.38	----	49.75
PZ-4	03/21/07	76.13	----	26.12	----	50.01
PZ-4	04/30/07	76.13	----	26.93	----	49.20
PZ-4	08/28/07	76.13	----	26.54	----	49.59
PZ-4	11/12/07	76.13	----	27.50	----	48.63
PZ-4	02/05/08	76.13	----	27.42	----	48.71
PZ-4	04/11/08	76.13	----	24.85	----	51.28
PZ-4	10/14/08	76.13	----	28.31	----	47.82
PZ-4	02/10/09	76.13	----	27.05	----	49.08
PZ-4	04/20/09	76.13	----	28.44	----	47.69
PZ-4	07/16/09	76.13	----	29.05	----	47.08
PZ-4	04/08/10	76.13	----	28.41	----	47.72
PZ-4	10/01/10	76.13	----	28.93	----	47.20
PZ-4	01/08/11	76.13	----	28.98	----	47.15
PZ-4	04/12/12	76.13	----	29.61	----	46.52
PZ-5	05/07/01	73.97	----	23.13	----	50.84
PZ-5	10/06/03	73.97	----	24.58	----	49.39
PZ-5	05/02/05	73.97	----	19.12	----	54.85
PZ-5	10/31/05	73.97	----	21.13	----	52.84
PZ-5	02/27/06	73.97	----	22.06	----	51.91
PZ-5	05/01/06	73.97	----	22.20	----	51.77
PZ-5	09/18/06	73.97	----	22.91	----	51.06
PZ-5	12/04/06	73.97	----	23.26	----	50.71
PZ-5	03/12/07	73.97	----	23.71	----	50.26
PZ-5	04/30/07	73.97	----	23.85	----	50.12
PZ-5	08/28/07	73.97	----	23.85	----	50.12
PZ-5	11/12/07	73.97	----	24.26	----	49.71
PZ-5	02/19/08	73.97	----	24.68	----	49.29
PZ-5	04/14/08	73.97	----	24.10	----	49.87
PZ-5	08/11/08	73.97	----	24.53	----	49.44
PZ-5	10/13/08	73.97	----	25.12	----	48.85
PZ-5	04/20/09	73.97	----	24.81	----	49.16
PZ-5	07/20/09	73.97	----	25.20	----	48.77
PZ-5	10/19/09	73.97	----	26.41	----	47.56
PZ-5	03/15/10	73.97	----	25.99	----	47.98
PZ-5	04/16/10	73.97	----	25.12	----	48.85
PZ-5	05/24/10	73.97	----	25.71	----	48.26
PZ-5	05/28/10	73.97	----	25.68	----	48.29

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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-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
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

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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-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
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

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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
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

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-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	----	----	
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				
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-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-NNW	04/19/17	76.77	----	31.72	----	45.05	
RTF-18-NNW	09/27/17	76.77	32.48	32.53	0.05	NC	
RTF-18-NNW	04/16/18	76.77	33.58	35.31	1.73	NC	
RTF-18-NNW	11/05/18	76.77	33.95	36.55	2.60	NC	
RTF-18-NNW	04/15/19	76.77	----	33.26	----	43.51	
RTF-18-NNW	10/30/19	74.88	33.89	33.92	0.03	NC	

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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-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-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
TF-8	11/20/96	75.60	-----	29.39	-----	46.21
TF-8	07/01/97	75.60	-----	29.70	-----	45.90
TF-8	12/31/97	75.60	-----	29.33	-----	46.27
TF-8	05/01/98	75.60	-----	26.64	-----	48.96
TF-8	05/25/99	75.60	-----	27.60	-----	48.00
TF-8	05/15/00	75.60	-----	27.32	-----	48.28
TF-8	05/07/01	75.60	-----	28.91	-----	46.69
TF-8	04/08/02	74.86	-----	26.79	-----	48.07
TF-8	09/19/02	75.60	-----	28.77	-----	46.83
TF-8	10/21/02	75.60	-----	26.32	-----	49.28
TF-8	04/22/03	74.86	-----	27.50	-----	47.36
TF-8	10/06/03	74.86	-----	27.32	-----	47.54
TF-8	04/19/04	74.86	-----	28.62	-----	46.24
TF-8	11/01/04	74.86	-----	28.54	-----	46.32
TF-8	02/28/05	74.86	-----	24.95	-----	49.91
TF-8	05/02/05	74.86	-----	24.26	-----	50.60
TF-8	03/06/06	74.86	-----	24.21	-----	50.65
TF-8	05/01/06	74.86	-----	24.51	-----	50.35
TF-8	08/26/06	74.86	-----	25.84	-----	49.02
TF-8	12/01/06	74.86	-----	26.17	-----	48.69
TF-8	03/21/07	74.86	-----	25.52	-----	49.34
TF-8	04/30/07	74.86	-----	25.54	-----	49.32
TF-8	08/28/07	75.60	-----	25.92	-----	49.68

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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
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-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

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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
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-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

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TF-10	09/19/02	74.19	----	27.28	----	46.91
TF-10	10/21/02	73.61	----	26.50	----	47.11
TF-10	04/22/03	73.61	----	25.95	----	47.66
TF-10	10/06/03	73.61	----	25.60	----	48.01
TF-10	04/19/04	73.61	----	26.82	----	46.79
TF-10	11/01/04	73.61	----	27.32	----	46.29
TF-10	02/28/05	73.61	----	23.82	----	49.79
TF-10	05/02/05	73.61	----	22.32	----	51.29
TF-10	03/06/06	73.61	----	22.89	----	50.72
TF-10	05/01/06	73.61	----	23.00	----	50.61
TF-10	08/26/06	73.61	----	24.20	----	49.41
TF-10	12/01/06	73.61	----	24.52	----	49.09
TF-10	03/21/07	73.61	----	24.00	----	49.61
TF-10	04/30/07	73.61	----	24.15	----	49.46
TF-10	08/28/07	74.19	----	24.21	----	49.98
TF-10	11/12/07	73.61	----	25.66	----	47.95
TF-10	02/05/08	74.19	----	25.11	----	49.08
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

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TF-11	04/19/04	74.95	----	28.56	----	46.39
TF-11	11/01/04	74.95	----	27.86	----	47.09
TF-11	02/28/05	74.95	----	23.82	----	51.13
TF-11	05/02/05	74.95	----	22.90	----	52.05
TF-11	03/06/06	74.95	----	24.31	----	50.64
TF-11	05/01/06	74.95	----	24.35	----	50.60
TF-11	08/26/06	74.95	----	24.79	----	50.16
TF-11	12/01/06	74.95	----	25.17	----	49.78
TF-11	03/21/07	74.95	----	25.26	----	49.69
TF-11	04/30/07	74.40	----	25.62	----	48.78
TF-11	08/28/07	74.95	----	26.06	----	48.89
TF-11	11/12/07	74.95	----	26.26	----	48.69
TF-11	02/05/08	74.95	----	27.15	----	47.80
TF-11	04/11/08	74.40	----	25.87	----	48.53
TF-11	07/24/08	74.40	----	26.05	----	48.35
TF-11	10/14/08	74.40	----	26.85	----	47.55
TF-11	02/10/09	74.95	----	26.90	----	48.05
TF-11	07/16/09	74.95	----	27.70	----	47.25
TF-11	04/08/10	74.95	----	27.11	----	47.84
TF-11	10/01/10	74.40	----	27.62	----	46.78
TF-11	01/08/11	74.40	----	27.17	----	47.23
TF-11	04/08/11	74.40	----	24.98	----	49.42
TF-11	07/08/11	74.40	----	25.40	----	49.00
TF-11	10/06/11	74.40	----	26.07	----	48.33
TF-11	04/12/12	74.40	----	27.51	----	46.89
TF-11	01/11/13	74.40	----	29.45	----	44.95
TF-11	04/03/13	74.40	----	29.35	----	45.05
TF-13	11/20/96	75.90	----	30.90	----	45.00
TF-13	07/01/97	75.90	30.90	30.95	0.05	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

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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	03/06/06	75.90	----	25.37	----	50.53
TF-13	05/01/06	75.90	----	25.22	----	50.68
TF-13	08/26/06	75.90	----	25.63	----	50.27
TF-13	12/01/06	75.90	----	25.96	----	49.94
TF-13	03/21/07	75.90	----	26.52	----	49.38
TF-13	04/30/07	75.90	----	26.52	----	49.38
TF-13	08/28/07	75.90	----	26.69	----	49.21
TF-13	11/12/07	75.47	----	27.11	----	48.36
TF-13	02/05/08	75.90	----	27.32	----	48.58
TF-13	04/14/08	75.90	----	26.73	----	49.17
TF-13	07/24/08	75.47	----	27.02	----	48.45
TF-13	10/14/08	75.90	----	27.81	----	48.09
TF-13	02/10/09	75.90	----	26.14	----	49.76
TF-13	07/17/09	75.90	----	27.81	----	48.09
TF-13	04/08/10	75.90	----	28.14	----	47.76
TF-13	10/01/10	75.47	----	28.63	----	46.84
TF-13	01/08/11	75.47	----	28.21	----	47.26
TF-13	04/07/11	75.47	----	26.85	----	48.62
TF-13	07/08/11	75.47	----	27.13	----	48.34
TF-13	10/07/11	75.47	----	27.63	----	47.84
TF-13	01/10/13	75.47	----	30.15	----	45.32
TF-13	04/03/13	75.47	----	30.00	----	45.47
TF-14	11/20/96	74.78	30.45	31.11	0.66	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

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TF-14	04/30/07	74.78	----	25.37	----	49.41
TF-14	08/28/07	74.78	----	25.89	----	48.89
TF-14	11/12/07	74.35	----	25.91	----	48.44
TF-14	02/05/08	74.78	----	26.95	----	47.83
TF-14	04/14/08	74.78	----	26.55	----	48.23
TF-14	07/24/08	74.35	----	26.05	----	48.30
TF-14	10/14/08	74.78	----	26.63	----	48.15
TF-14	02/10/09	74.78	----	26.91	----	47.87
TF-14	07/17/09	74.78	----	26.91	----	47.87
TF-14	04/08/10	74.78	----	26.92	----	47.86
TF-14	10/01/10	74.35	----	27.42	----	46.93
TF-14	04/08/11	74.35	----	25.65	----	48.70
TF-14	07/08/11	74.35	----	25.93	----	48.42
TF-14	10/06/11	74.35	----	26.41	----	47.94
TF-14	04/12/12	74.35	----	27.49	----	46.86
TF-14	01/10/13	74.35	----	29.25	----	45.10
TF-14	04/03/13	74.35	----	28.76	----	45.59
TF-15	11/20/96	75.40	31.09	31.42	0.33	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

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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	07/24/08	74.78	----	26.72	----	48.06
TF-15	10/14/08	75.40	----	27.29	----	48.11
TF-15	02/10/09	75.40	----	27.78	----	47.62
TF-15	07/17/09	75.40	----	26.82	----	48.58
TF-15	04/08/10	75.40	----	27.43	----	47.97
TF-15	10/01/10	74.78	----	28.03	----	46.75
TF-15	01/08/11	74.78	----	27.55	----	47.23
TF-15	04/08/11	74.78	----	25.96	----	48.82
TF-15	07/08/11	74.78	----	26.33	----	48.45
TF-15	10/06/11	74.78	----	26.81	----	47.97
TF-15	04/12/12	74.78	----	27.94	----	46.84
TF-15	01/11/13	74.78	29.50	29.63	0.13	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-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

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TF-16	08/26/06	76.48	----	26.06	----	50.42
TF-16	12/01/06	76.48	----	26.45	----	50.03
TF-16	03/21/07	76.48	----	26.52	----	49.96
TF-16	04/30/07	76.48	----	27.04	----	49.44
TF-16	08/28/07	76.48	----	27.11	----	49.37
TF-16	11/12/07	75.89	----	27.60	----	48.29
TF-16	02/05/08	76.48	----	27.94	----	48.54
TF-16	04/14/08	76.48	----	27.17	----	49.31
TF-16	07/24/08	75.89	----	27.50	----	48.39
TF-16	10/14/08	76.48	----	28.37	----	48.11
TF-16	02/10/09	76.48	----	27.73	----	48.75
TF-16	04/20/09	75.89	----	27.63	----	48.26
TF-16	07/17/09	76.48	----	28.35	----	48.13
TF-16	10/19/09	75.89	----	29.66	----	46.23
TF-16	04/08/10	76.48	----	27.06	----	49.42
TF-16	04/12/10	75.89	----	27.36	----	48.53
TF-16	10/01/10	75.89	----	28.59	----	47.30
TF-16	01/08/11	75.89	----	28.72	----	47.17
TF-16	04/07/11	75.89	----	27.18	----	48.71
TF-16	07/08/11	75.89	----	27.51	----	48.38
TF-16	10/07/11	75.89	----	28.10	----	47.79
TF-16	04/12/12	75.89	----	29.05	----	46.84
TF-16	04/19/12	75.89	----	29.08	----	46.81
TF-16	01/11/13	75.89	----	30.63	----	45.26
TF-16	04/03/13	75.89	----	30.47	----	45.42
TF-16	04/08/13	75.89	----	30.25	----	45.64
TF-16	10/02/13	75.89	----	31.16	----	44.73
TF-16	04/09/14	75.89	----	31.68	----	44.21
TF-16	04/16/14	75.89	----	32.42	----	43.47
TF-16	10/27/14	75.89	31.58	32.92	1.34	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-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

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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
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

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TF-17R/EP-72	10/19/20	77.63	-----	36.21	-----	41.42
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
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

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)
TF-18	09/27/17	73.74	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-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
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

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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-20	11/20/96	75.59	----	29.02	----	46.57
TF-20	07/01/97	75.59	----	29.40	----	46.19
TF-20	12/31/97	75.59	----	28.49	----	47.10
TF-20	05/01/98	75.59	----	25.93	----	49.66
TF-20	05/25/99	75.59	----	26.74	----	48.85
TF-20	05/15/00	75.59	----	31.44	----	44.15
TF-20	05/07/01	75.59	----	27.96	----	47.63
TF-20	04/08/02	75.08	----	31.40	----	43.68
TF-20	09/19/02	75.59	----	28.52	----	47.07
TF-20	10/21/02	75.59	----	31.29	----	44.30
TF-20	04/22/03	75.08	----	31.28	----	43.80
TF-20	10/06/03	75.08	----	27.60	----	47.48
TF-20	04/19/04	75.08	----	27.78	----	47.30
TF-20	11/01/04	75.59	----	28.88	----	46.71
TF-20	02/28/05	75.59	----	24.92	----	50.67
TF-20	05/02/05	75.59	----	22.54	----	53.05
TF-20	03/06/06	75.59	24.34	24.48	0.14	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

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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-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
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-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

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TF-21	05/01/06	75.60	----	24.09	----	51.51
TF-21	08/26/06	75.60	----	24.76	----	50.84
TF-21	12/01/06	75.60	----	25.22	----	50.38
TF-21	03/21/07	75.60	----	25.51	----	50.09
TF-21	04/30/07	75.60	----	25.72	----	49.88
TF-21	08/28/07	75.60	----	26.17	----	49.43
TF-21	11/12/07	74.76	----	26.35	----	48.41
TF-21	02/05/08	75.60	----	27.25	----	48.35
TF-21	04/14/08	75.60	----	25.93	----	49.67
TF-21	07/24/08	74.96	----	26.51	----	48.45
TF-21	10/13/08	74.96	----	27.10	----	47.86
TF-21	02/10/09	75.60	----	26.72	----	48.88
TF-21	04/20/09	74.96	----	21.85	----	53.11
TF-21	07/17/09	75.60	----	27.31	----	48.29
TF-21	10/19/09	74.96	----	29.84	----	45.12
TF-21	04/08/10	75.60	----	27.30	----	48.30
TF-21	04/12/10	74.96	----	27.00	----	47.96
TF-21	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-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

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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
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

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TF-23	11/01/04	75.31	----	27.60	----	47.71	
TF-23	02/28/05	75.31	----	23.89	----	51.42	
TF-23	05/02/05	75.31	----	22.32	----	52.99	
TF-23	03/06/06	75.31	----	24.21	----	51.10	
TF-23	05/01/06	75.31	----	24.31	----	51.00	
TF-23	03/21/07	75.31	----	25.51	----	49.80	
TF-23	04/30/07	75.31	----	25.67	----	49.64	
TF-23	11/12/07	75.31	----	26.20	----	49.11	
TF-23	02/05/08	75.31	----	26.75	----	48.56	
TF-23	04/14/08	75.31	----	25.81	----	49.50	
TF-23	07/24/08	75.31	----	26.45	----	48.86	
TF-23	10/13/08	75.31	----	27.15	----	48.16	
TF-23	02/10/09	75.31	----	26.46	----	48.85	
TF-23	07/17/09	75.31	----	26.93	----	48.38	
TF-23	04/08/10	75.31	----	27.20	----	48.11	
TF-23	10/01/10	75.31	----	27.67	----	47.64	
TF-23	01/08/11	75.31	----	27.88	----	47.43	
TF-23	04/08/11	75.31	----	26.43	----	48.88	
TF-23	07/08/11	75.31	----	26.76	----	48.55	
TF-23	10/06/11	75.31	----	27.34	----	47.97	
TF-23	04/12/12	75.31	28.38	28.41	0.03	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-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	

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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
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-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

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TF-25	04/22/03	74.85	----	29.61	----	45.24
TF-25	10/06/03	74.85	----	27.54	----	47.31
TF-25	04/19/04	74.85	----	28.96	----	45.89
TF-25	11/01/04	74.85	----	28.15	----	46.70
TF-25	02/28/05	74.85	----	24.44	----	50.41
TF-25	05/02/05	74.85	----	23.72	----	51.13
TF-25	03/06/06	74.85	----	24.81	----	50.04
TF-25	05/01/06	74.85	----	25.10	----	49.75
TF-25	08/26/06	74.85	----	25.48	----	49.37
TF-25	12/01/06	74.85	----	25.79	----	49.06
TF-25	03/21/07	74.85	----	26.00	----	48.85
TF-25	04/30/07	74.85	----	26.34	----	48.51
TF-25	08/28/07	74.85	----	26.89	----	47.96
TF-25	11/12/07	74.85	----	26.13	----	48.72
TF-25	02/05/08	74.85	----	27.71	----	47.14
TF-25	04/11/08	74.85	----	26.61	----	48.24
TF-25	07/24/08	74.85	----	26.95	----	47.90
TF-25	10/14/08	74.85	----	27.62	----	47.23
TF-25	02/10/09	74.85	----	27.62	----	47.23
TF-25	07/16/09	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

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TF-26	05/02/05	75.85	----	24.62	----	51.23
TF-26	03/06/06	75.85	----	25.62	----	50.23
TF-26	05/01/06	75.85	----	26.04	----	49.81
TF-26	08/26/06	75.85	----	26.40	----	49.45
TF-26	12/01/06	75.85	----	26.78	----	49.07
TF-26	03/21/07	75.85	----	26.84	----	49.01
TF-26	04/27/07	75.85	----	27.18	----	48.67
TF-26	08/28/07	75.85	----	27.06	----	48.79
TF-26	11/12/07	75.85	----	27.80	----	48.05
TF-26	02/05/08	75.85	----	28.11	----	47.74
TF-26	04/11/08	75.85	----	27.59	----	48.26
TF-26	07/24/08	75.85	----	28.01	----	47.84
TF-26	10/13/08	75.85	----	28.59	----	47.26
TF-26	02/09/09	75.85	----	27.91	----	47.94
TF-26	07/17/09	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-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-14	04/16/18	NS	36.18	36.80	0.62	NC

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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-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-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-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
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-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-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

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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-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
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-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	----	----
VEW-2	11/02/20	NS	----	DRY (28.60)	----	----
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

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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
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

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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
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

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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-2	05/28/96	75.34	----	35.28	----	40.06
WCW-2	11/20/96	75.34	----	29.34	----	46.00
WCW-2	07/01/97	75.34	----	29.82	----	45.52
WCW-2	12/31/97	75.34	----	29.45	----	45.89
WCW-2	05/01/98	75.34	----	26.80	----	48.54
WCW-2	02/02/99	75.34	----	26.40	----	48.94
WCW-2	05/03/99	75.34	----	26.94	----	48.40
WCW-2	08/09/99	75.34	----	27.21	----	48.13
WCW-2	11/15/99	75.34	----	27.47	----	47.87
WCW-2	02/28/00	75.34	----	27.44	----	47.90
WCW-2	05/15/00	75.34	----	27.42	----	47.92
WCW-2	08/28/00	75.34	----	27.63	----	47.71
WCW-2	11/13/00	75.34	----	28.87	----	46.47
WCW-2	02/05/01	75.34	----	27.62	----	47.72

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
WCW-2	04/16/18	75.34	----	34.41	----	40.93
WCW-2	11/05/18	75.34	----	34.78	----	40.56

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/16/19	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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 2020
 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-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
WCW-4	10/06/11	78.05	----	30.96	----	47.09
WCW-4	04/16/12	78.05	----	31.17	----	46.88

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-6	05/28/96	75.52	----	28.91	----	46.61
WCW-6	11/20/96	75.52	----	29.55	----	45.97
WCW-6	07/01/97	75.52	----	30.17	----	45.35
WCW-6	12/31/97	75.52	----	29.46	----	46.06
WCW-6	05/01/98	75.52	----	27.67	----	47.85
WCW-6	05/04/99	75.52	----	27.38	----	48.14
WCW-6	08/09/99	75.52	----	27.82	----	47.70
WCW-6	11/15/99	75.52	----	27.90	----	47.62
WCW-6	05/15/00	75.52	----	27.68	----	47.84
WCW-6	11/13/00	75.52	----	28.67	----	46.85
WCW-6	05/07/01	75.52	----	27.21	----	48.31

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
WCW-6	10/28/19	75.52	----	35.15	----	40.37
WCW-6	05/04/20	75.52	----	34.75	----	40.77

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/20	75.52	----	34.92	----	40.60
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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	08/11/08	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-8	05/28/96	77.34	----	31.45	----	45.89

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/20/96	77.34	----	31.59	----	45.75
WCW-8	07/01/97	77.34	----	32.38	----	44.96
WCW-8	12/31/97	77.34	----	31.81	----	45.53
WCW-8	05/01/98	77.34	----	30.04	----	47.30
WCW-8	05/04/99	77.34	----	30.21	----	47.13
WCW-8	08/09/99	77.34	----	30.49	----	46.85
WCW-8	11/15/99	77.34	----	30.81	----	46.53
WCW-8	05/15/00	77.34	----	29.88	----	47.46
WCW-8	08/28/00	77.34	----	30.23	----	47.11
WCW-8	11/13/00	77.34	----	30.26	----	47.08
WCW-8	02/05/01	77.34	----	30.01	----	47.33
WCW-8	05/07/01	77.34	----	29.42	----	47.92
WCW-8	09/18/01	77.34	----	29.11	----	48.23
WCW-8	01/29/02	77.34	----	29.45	----	47.89
WCW-8	04/08/02	77.34	----	29.77	----	47.57
WCW-8	10/21/02	77.34	----	29.84	----	47.50
WCW-8	04/07/03	77.34	----	29.71	----	47.63
WCW-8	10/06/03	77.34	----	29.75	----	47.59
WCW-8	05/10/04	77.34	----	29.99	----	47.35
WCW-8	11/01/04	77.34	----	30.36	----	46.98
WCW-8	05/02/05	77.34	----	27.42	----	49.92
WCW-8	05/01/06	77.34	----	27.18	----	50.16
WCW-8	12/01/06	77.34	----	27.91	----	49.43
WCW-8	04/30/07	77.34	----	27.82	----	49.52
WCW-8	11/12/07	77.34	----	28.62	----	48.72
WCW-8	04/14/08	77.34	----	28.53	----	48.81
WCW-8	10/16/08	77.34	----	29.52	----	47.82
WCW-8	04/20/09	77.34	----	29.40	----	47.94
WCW-8	10/19/09	77.34	----	30.10	----	47.24
WCW-8	01/12/10	77.34	----	31.30	----	46.04
WCW-8	05/24/10	77.34	----	30.75	----	46.59
WCW-8	05/28/10	77.34	----	30.74	----	46.60
WCW-8	01/08/11	77.34	----	31.27	----	46.07
WCW-8	04/08/11	77.34	----	30.15	----	47.19
WCW-8	04/11/11	77.34	----	30.03	----	47.31
WCW-8	07/07/11	77.34	----	30.07	----	47.27
WCW-8	10/06/11	77.34	----	30.27	----	47.07
WCW-8	04/16/12	77.34	----	30.76	----	46.58
WCW-8	04/08/13	77.34	----	31.62	----	45.72
WCW-8	10/07/13	77.34	----	32.42	----	44.92

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/14/14	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-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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/24/10	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-10	05/28/96	74.06	----	27.71	----	46.35
WCW-10	11/20/96	74.06	----	27.61	----	46.45
WCW-10	07/01/97	74.06	----	27.23	----	46.83
WCW-10	12/31/97	74.06	----	27.21	----	46.85
WCW-10	05/01/98	74.06	----	23.22	----	50.84
WCW-10	05/04/99	74.06	----	24.52	----	49.54
WCW-10	08/09/99	74.06	----	24.63	----	49.43
WCW-10	11/15/99	74.06	----	24.89	----	49.17
WCW-10	05/15/00	74.06	----	25.50	----	48.56
WCW-10	11/13/00	74.06	----	25.18	----	48.88
WCW-10	05/07/01	74.06	----	24.66	----	49.40
WCW-10	04/08/02	74.06	----	24.71	----	49.35
WCW-10	10/21/02	74.06	----	25.20	----	48.86
WCW-10	04/07/03	74.06	----	25.23	----	48.83

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)
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
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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-12	05/28/96	76.27	----	30.94	----	45.33
WCW-12	11/20/96	76.27	----	30.89	----	45.38
WCW-12	07/01/97	76.27	----	30.34	----	45.93
WCW-12	12/31/97	76.27	----	30.59	----	45.68
WCW-12	05/01/98	76.27	----	29.31	----	46.96
WCW-12	05/04/99	76.27	----	27.63	----	48.64
WCW-12	08/09/99	76.27	----	27.81	----	48.46
WCW-12	11/15/99	76.27	----	28.20	----	48.07
WCW-12	05/15/00	76.27	----	28.17	----	48.10
WCW-12	11/13/00	76.27	----	28.21	----	48.06
WCW-12	05/07/01	76.27	----	27.79	----	48.48
WCW-12	04/08/02	76.27	----	27.70	----	48.57
WCW-12	10/21/02	76.27	----	28.24	----	48.03
WCW-12	04/07/03	76.27	----	28.23	----	48.04
WCW-12	05/10/04	76.27	----	28.34	----	47.93
WCW-12	11/01/04	76.27	----	28.74	----	47.53
WCW-12	05/02/05	76.27	----	26.61	----	49.66
WCW-12	05/01/06	76.27	----	25.95	----	50.32
WCW-12	12/01/06	76.27	----	26.39	----	49.88
WCW-12	04/30/07	76.27	----	26.39	----	49.88
WCW-12	11/12/07	76.27	----	27.15	----	49.12
WCW-12	04/14/08	76.27	----	27.14	----	49.13
WCW-12	10/16/08	76.27	----	27.93	----	48.34
WCW-12	04/20/09	76.27	----	27.82	----	48.45
WCW-12	10/19/09	76.27	----	28.52	----	47.75
WCW-12	01/12/10	76.27	----	29.04	----	47.23
WCW-12	05/24/10	76.27	----	28.90	----	47.37
WCW-12	05/28/10	76.27	----	28.90	----	47.37
WCW-12	01/08/11	76.27	----	29.16	----	47.11
WCW-12	04/08/11	76.27	----	28.79	----	47.48
WCW-12	04/11/11	76.27	----	28.70	----	47.57
WCW-12	07/07/11	76.27	----	28.60	----	47.67
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/14/14	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-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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	02/01/05	77.70	----	30.15	----	47.55
WCW-13	05/02/05	77.70	----	28.35	----	49.35
WCW-13	08/01/05	77.70	----	27.66	----	50.04
WCW-13	02/27/06	77.70	----	27.46	----	50.24
WCW-13	05/01/06	77.70	----	27.57	----	50.13
WCW-13	09/18/06	77.70	----	27.66	----	50.04
WCW-13	12/01/06	77.70	----	28.10	----	49.60
WCW-13	03/12/07	77.70	----	28.00	----	49.70
WCW-13	04/30/07	77.70	----	28.06	----	49.64
WCW-13	08/28/07	77.70	----	28.31	----	49.39
WCW-13	11/12/07	77.70	----	28.79	----	48.91
WCW-13	02/19/08	77.70	----	28.80	----	48.90
WCW-13	04/14/08	77.70	----	28.78	----	48.92
WCW-13	08/11/08	77.70	----	29.12	----	48.58
WCW-13	10/16/08	77.70	----	29.62	----	48.08
WCW-13	04/20/09	77.70	----	29.61	----	48.09
WCW-13	07/20/09	77.70	----	30.20	----	47.50
WCW-13	10/19/09	77.70	----	30.26	----	47.44
WCW-13	01/12/10	77.70	----	31.56	----	46.14
WCW-13	03/15/10	77.70	----	31.34	----	46.36
WCW-13	05/24/10	77.70	----	30.65	----	47.05
WCW-13	05/28/10	77.70	----	30.68	----	47.02
WCW-13	10/04/10	77.70	----	30.61	----	47.09
WCW-13	01/08/11	77.70	----	31.00	----	46.70
WCW-13	01/10/11	77.70	----	30.96	----	46.74
WCW-13	04/08/11	77.70	----	29.59	----	48.11
WCW-13	04/11/11	77.70	----	30.52	----	47.18
WCW-13	07/07/11	77.70	----	30.42	----	47.28
WCW-13	07/11/11	77.70	----	30.24	----	47.46
WCW-13	10/10/11	77.70	----	30.30	----	47.40
WCW-13	01/09/12	77.70	----	30.24	----	47.46
WCW-13	04/16/12	77.70	----	30.81	----	46.89
WCW-13	07/09/12	77.70	----	31.05	----	46.65
WCW-13	10/15/12	77.70	----	31.38	----	46.32
WCW-13	01/14/13	77.70	----	31.54	----	46.16
WCW-13	04/08/13	77.70	----	31.67	----	46.03
WCW-13	10/07/13	77.70	----	32.66	----	45.04
WCW-13	04/14/14	77.70	----	32.94	----	44.76
WCW-13	10/27/14	77.70	----	33.67	----	44.03
WCW-13	04/20/15	77.70	----	34.10	----	43.60

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
WCW-13	05/04/20	77.70	----	38.41	----	39.29
WCW-13	11/02/20	77.70	----	38.52	----	39.18
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

APPENDIX C
HISTORICAL GROUNDWATER ELEVATIONS, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/16/12	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
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

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 2020**

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/27/96	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
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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/02/05	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/07/13	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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/16/08	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/02/17	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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<0.50	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	0.72	1.2	----	----	----	----
EXP-4	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<1	----	----	----	----
EXP-4	09/23/99	Secor	<300	----	<0.50	<1	<1	<1	<0.50	<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
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	<1	<1
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	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/30/19	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-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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)
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	11,060	----	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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/20/09	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	46	<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	7.7	<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-2	11/21/96	Terra Services	----	----	6,500	44	700	960	<30	4,800	----	----	----	----
GMW-2	07/15/97	Terra Services	350	<500	599	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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/22/02	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
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	<1	<1
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	<1	<1
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-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	----	----	----	----	----	----
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	SGI	<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	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<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	----	----	----	----

APPENDIX D
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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-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
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-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	<10	<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	31	<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-8	11/21/96	Terra Services	-----	-----	<0.50	<0.50	<0.50	<1.5	12	<5	-----	-----	-----	-----
GMW-8	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	1.7	<5	-----	-----	-----	-----
GMW-8	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	5.0	<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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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-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	<1
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	<1	<1
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	<1	<1
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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	-----	-----	-----	-----
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	SGI	<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	SGI	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/20/09	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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	150	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-12	10/04/17	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	190	<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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/23/09	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
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	<1	<1
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	<1	<1
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-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
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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-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	<1	<1
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	<1	<1
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-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	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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	<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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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	<0.50	<10	<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
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/15/07	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-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	<2
GMW-19	10/07/13	Parsons	<100	<100	0.81	<0.50	<0.50	<0.50	<0.50	2.3	<10	<2	<2	<2
GMW-19	04/14/14	Parsons	<100	<100	2.8	<0.50	<0.50	<0.50	<0.50	0.83	<10	<2	<2	<2
GMW-19	10/28/14	SGI	<100	130	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GMW-19	10/28/14	SGI	<100	120	<0.50	<0.50	<0.50	<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 2020
 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	04/28/15	SGI	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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	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	SGI	220	130	45	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
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-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	<0.50	<1	<10	<2	<2	<2.0
DUP-1 (GMW-20)	04/18/17	SGI	<100	<100	<0.50	<0.50	<0.50	<1	<0.50	<1	<10	<2	<2	<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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	<100	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-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	<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	-----	-----	-----	-----
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-27	05/27/98	Terra Services	2,800	-----	940	6.0	4.0	11	76	1,570	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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	300	5.0	<1	<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	570	9.3	<1	<1	<1
GMW-27	04/16/14	CHHL	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	460	6.9	<1	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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	2.6	6.0	<1.0	<1.0
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	<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	<0.50	<10	<2	<2	<2
GMW-31	04/22/09	BT for Parsons	-----	-----	<0.50	<0.50	<0.50	<0.50	-----	<0.50	-----	<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

APPENDIX D
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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-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
GMW-31	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
GMW-31	10/29/19	SGI	<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	SGI	<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	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-31)	10/20/20	SGI	<100	130	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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	SGI	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	-----	-----	-----	-----	-----
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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	190	1,300	<2.5	<2.5	<2.5	<7.5	<2.5	<5.0	600	<10	<10	<10
GMW-35R	11/06/19	SGI	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	SGI	1,200	2,100	120	<1.0	2.7	<3.0	<1.0	14	760	<4.0	<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 2020
 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	10/26/20	SGI	730	1,500	20	<1.0	<1.0	<3.0	<1.0	8.9	730	<4.0	<4.0	<4.0
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	36	<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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	<0.50	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-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	<0.50	<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	-----	-----	-----	-----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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	-----	-----	-----	-----
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	0.70	<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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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	<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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/09/13	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	SGL	<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	SGL	<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	SGL	<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	SGL	<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	SGL	<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	SGL	<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	SGL	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/18/18	SGI	<100	660	<0.50	<0.50	<0.50	<1.5	<0.50	<1.0	<10	<2.0	<2.0	<2.0
GMW-43	11/06/18	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	170	<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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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-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	-----	-----	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	-----	-----	-----	-----	
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	
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	3.7	320	<2	<2	<2	
GMW-47	04/11/13	Parsons	-----	-----	1,500 b	<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	4.8	490	<2	<2	<2	
GMW-47	04/16/14	Parsons	<100	-----	1,500 HD	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<2.5	8.4	<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
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
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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	17	-----	-----	-----
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	8,200	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	SGI	1,500	2,000	300	<0.50	0.93	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
GMW-62	10/05/10	BT for Parsons	6,700	-----	1,200	-----	-----	-----	<0.50	<0.50	<10	-----	-----	-----
GMW-62	11/05/18	SGI	8,400	2,600	1,500	<10	12	908	<10	<20	<200	<40	<40	<40
GMW-62	04/15/19	SGI	17,000	3,100	2,700	<5.0	660	2,100	<5.0	<10	<100	<20	<20	<20
GMW-62	10/28/19	SGI	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	SGI	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	SGI	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	SGI	1,600	1,000	150	<1.0	100	139.3	<1.0	<2.4	<20	<4.0	<4.0	<4.0
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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	-----	440	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GMW-63	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-63	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-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	SGI	<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	SGI	<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	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-64	10/15/08	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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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-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	-----	-----	-----	-----
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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/01/05	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	<1	<1
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	<1	<1
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<0.50	1.7	----	----	----	----
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	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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-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	-----	-----	-----	-----
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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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	<1	<1
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	<1	<1
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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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	<1	<1
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	<1	<1
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 (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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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	<1	<1
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	<1	<1
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-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	----	----	----	----
GMW-O-6	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 2020
 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	04/21/09	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	<10	<1	<1	<1
GMW-O-8	04/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/08/03	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/20/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	11/04/04	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/04/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	11/01/05	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/04/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	12/08/06	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	05/04/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	11/14/07	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	04/18/08	Secor	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
GMW-O-8	10/16/08	Stantec	<50	----	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<1	<1	<1
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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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-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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	-----	7.7	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	<1	<1
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	<1	<1
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-11	10/04/10	Blaine Tech	10,000	-----	4,200	220	89	170	<30	160	560	32	<30	<30
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<5	<10	----	----	----	----
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	----	----	----	----
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	7,700	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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	2.1	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
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	13	<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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX D
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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-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
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	<1	<1
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	<1	<1
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-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	-----	-----	-----	-----
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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/05/99	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	<1	<1
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	<1	<1
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-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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	4.8	6,400	<5	<5	<5
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
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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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
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-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	<1
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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	<0.50	<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	<1	<1
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	<1	<1
GMW-SF-7	11/25/96	Terra Services	----	----	<0.50	<0.50	<0.50	5.8	<0.50	<5	----	----	----	----
GMW-SF-7	07/11/97	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1	<0.50	8.7	----	----	----	----
GMW-SF-7	01/02/98	Terra Services	<100	<500	<0.50	<0.50	<0.50	<1.5	<0.50	<5	----	----	----	----
GMW-SF-7	05/19/98	Terra Services	<300	----	<0.50	<0.50	<0.50	<1	<0.50	<0.50	----	----	----	----
GMW-SF-7	11/11/98	Alton Geoscience	<300	----	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 2020
 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-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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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
GW-2	04/18/19	SGI	<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	SGI	<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	SGI	<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	SGI	<100	160	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	12	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	-----	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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	150	<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	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-7	04/12/02	IT Corporation	<300	-----	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	-----	-----	-----	-----
GW-7	04/22/15	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<2.0	<10	<2.0	<2.0	<2.0
GW-7	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
GW-7	10/11/16	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	<10	<2.0	<2.0	<2.0
GMW-12	10/22/20	SGI	<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	-----	<0.50	<0.50	<0.50	<0.50	6.9	3.0	<10	1.2 J	<2	<2

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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")	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	SGI	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	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")	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-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-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
GW-15(6")	11/15/18	SGI	<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	SGI	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	SGI	<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	SGI	<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	SGI	<100	8,000	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	SGI	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	SGI	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	SGI	<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	SGI	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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	<100	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	110	<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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	<1
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	<1
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	<1
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	<1
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-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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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-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	<1	<1
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	<1	<1
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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	05/27/98	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	-----	-----	-----	-----
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 2020
 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	<1
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	<1	<1
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-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	4.1	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	-----	-----	-----	-----
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

APPENDIX D
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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)
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	<1	<1
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	<1	<1
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-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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<0.50	<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	<1	<1
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	<1	<1
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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	<1	<1
DUPE (MW-9)	04/18/19	BT for Jacobs	<100	180	<0.50	<0.50	<0.50	<0.50	<1	0.57	<10	<1	<1	<1
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
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	SGI	<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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	----	----	----	----
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	<1	<1

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	11/07/18	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	<1	<1
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-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	2.0	6.2	<0.50	<1.0	<10	<2.0	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
MW-13	05/05/20	SGI	<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	SGI	<100	100	<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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/13/10	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	SGI	<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	SGI	<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	SGI	<100	1.3	<0.50	<0.50	<0.50	<1.5	6.3	<1.0	<10	<2.0	<2.0	<2.0
MW-14	04/19/17	SGI	<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	<1	<1
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	<1	<1
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----	----
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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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	<1	<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	<1
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
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	<1	<1
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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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
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	<1
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	<1
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	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	----	----	----	----
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	<1
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	<1
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-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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	<1	<1
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	<1	<1
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	<1	<1
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	<1	<1
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-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	----	----	----	----
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

APPENDIX D
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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)
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
MW-22 (MID)	10/05/17	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	140	<0.50	<0.50	<0.50	<1.5	<0.50	2.4	<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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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)	04/10/02	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
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	<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	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/13/11	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
MW-24	04/17/19	SGI	<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	SGI	<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	SGI	<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	SGI	<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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	SGI	<100	<100	<0.50	<0.50	<0.50	<1.5	1.4	<1.2	<10	<2.0	<2.0	<2.0
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
MW-26	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
MW-26 (DUP)	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
MW-26	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
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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	220	<0.50	<0.50	<0.50	<1.5	<0.50	3.1	<10	<2.0	<2.0	<2.0

APPENDIX D
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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)
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-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
MW-29	10/07/16	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<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	SGI	<100	250	<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 2020
 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	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
MW-29	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-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	<5	<5	<10	55	490	<10	<10	<10
MW-O-2	05/07/20	BT for Jacobs	9,200	8,300	5,500	<15	<15	<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-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	----	----	----	----
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

APPENDIX D
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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)
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-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	-----	-----	-----	-----
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	1.8	1.5	<2	3.6	110	5.6	<2	<2
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	6.2	6.4	<2	2.8	66	13	<2	<2
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-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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/20/17	BT for CH2MHill	2,000	1,500	3.9	1.6	26	60	<2	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	0.55	<10	<1	<1	<1
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	<1	<1	<1	<2	<1	<20	<2	<2	<2
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
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	<200	<200	760	<100	<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	<1
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	<1
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-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	-----	-----	-----	-----
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	1.3	<0.50	-----	-----	-----	-----
PW-1	04/11/02	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 2020
 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	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	----	----	----	----
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	6.8	<0.50	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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
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	<2	<1.3	<20	<2.0	<2.0	<2.0	<2.0
DUP-2 (PZ-2)	04/13/16	BT for CH2MHill	2,300	890	120	21	130	390	<2	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
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	<1	<1
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	<1	<1
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	<1	<1
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	<1	<1
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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	Blaine Tech 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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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
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	<30	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	<1	<1
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	<1	<1
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	3.7	<2
DUPE (PZ-5)	04/18/19	BT for Jacobs	1,600	520	51	<1	<1	2.2 J	<2	6	150,000	<2	3.8	<2
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-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 2020
 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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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-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-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	----	----	----	----
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	<2	<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-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-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	5,600	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-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
TF-20R	04/24/18	SGI	900	540	290	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20
DUP-7 (TF-20R)	04/24/18	SGI	850	550	290	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20
TF-20R	11/15/18	SGI	700	620	130	<5.0	<5.0	<15	<5.0	<10	<100	<20	<20	<20

APPENDIX D
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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)
TF-20R	04/22/19	SGI	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	SGI	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	SGI	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	SGI	170	430	<0.50	<0.50	<0.50	<1.5	<0.50	<1.2	48	<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	<0.50	18	<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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	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	SGI	<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	SGI	<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	SGI	<100	120	<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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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
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	<0.50	<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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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	<1	<1
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	<1	<1
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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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	<1	<1
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	<1	<1
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-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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/18/12	CH2M Hill	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50	0.59	<10	<1	<1	<1
WCW-4	10/18/12	Parsons	---	----	<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	<1	<1
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	<1	<1
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-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
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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-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	----	<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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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-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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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
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-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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	04/10/03	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
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	<1	<1
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	<1	<1
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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-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	----	----	----	----
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

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	10/07/10	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
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	<1	<1
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	<1	<1
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-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	-----	-----	-----	-----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	----	----	----	----
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	<1	<1
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	<1	<1
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-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	<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	----	----	----	----
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	----	----	----	----

APPENDIX D
HISTORICAL ANALYTICAL RESULTS FOR TPH, BTEX COMPOUNDS, 1,2-DCA, AND FUEL OXYGENATES IN GROUNDWATER, NOVEMBER 1996 THROUGH NOVEMBER 2020
 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	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	<1	<1
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	<1	<1
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

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
 TPH-g = total petroleum hydrocarbons as gasoline
 TPH-lp = 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

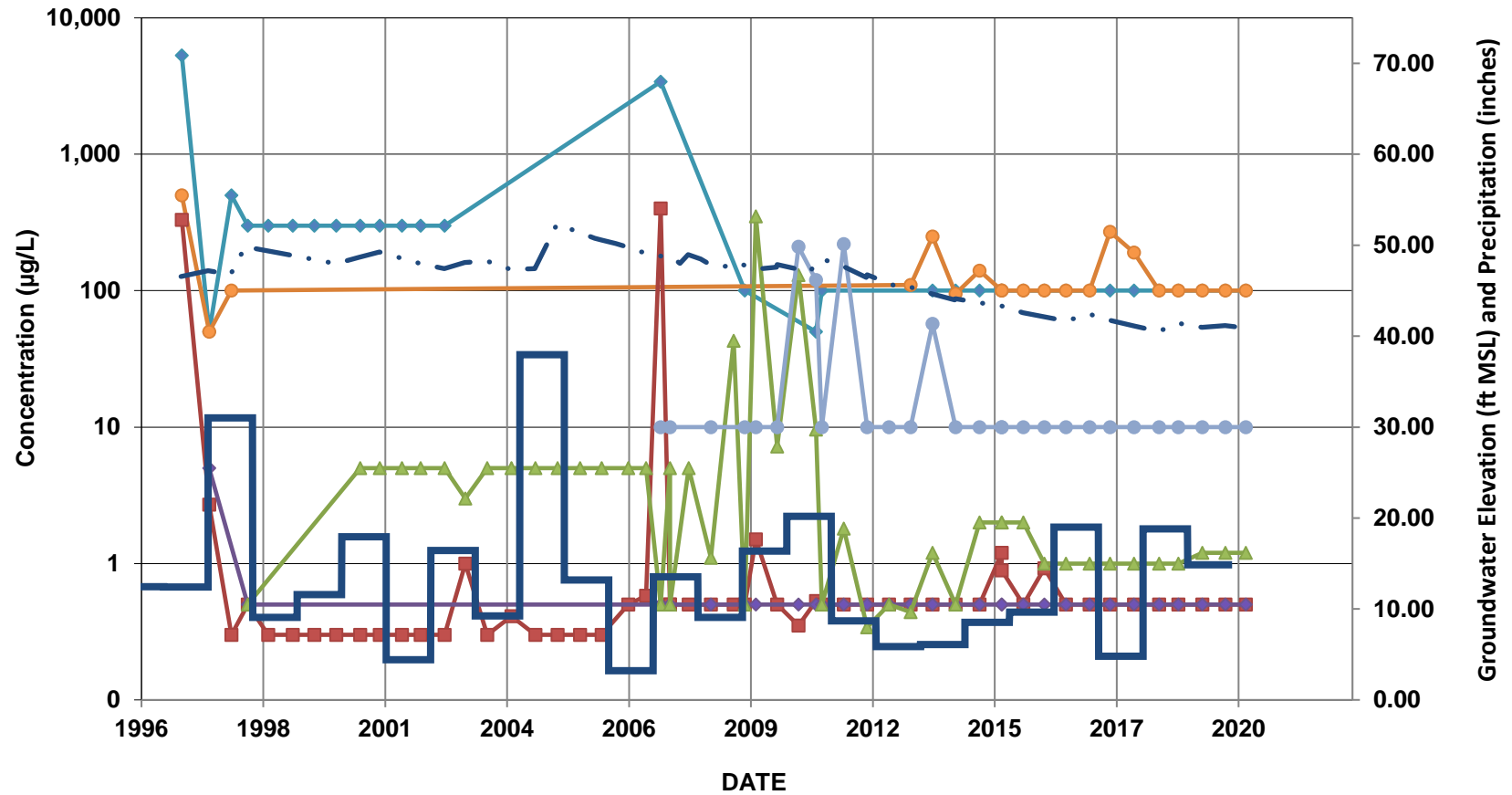
MTBE = methyl tertiary-butyl ether
 TBA = tertiary-butyl alcohol
 DIPE = diisopropyl ether
 ETBE = ethyl tertiary-butyl ether
 TAME = tertiary-amyl methyl ether
 <100 = not detected at or above the indicated laboratory reporting limit
 ---- = not analyzed
 HD = Chromatographic pattern was inconsistent 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

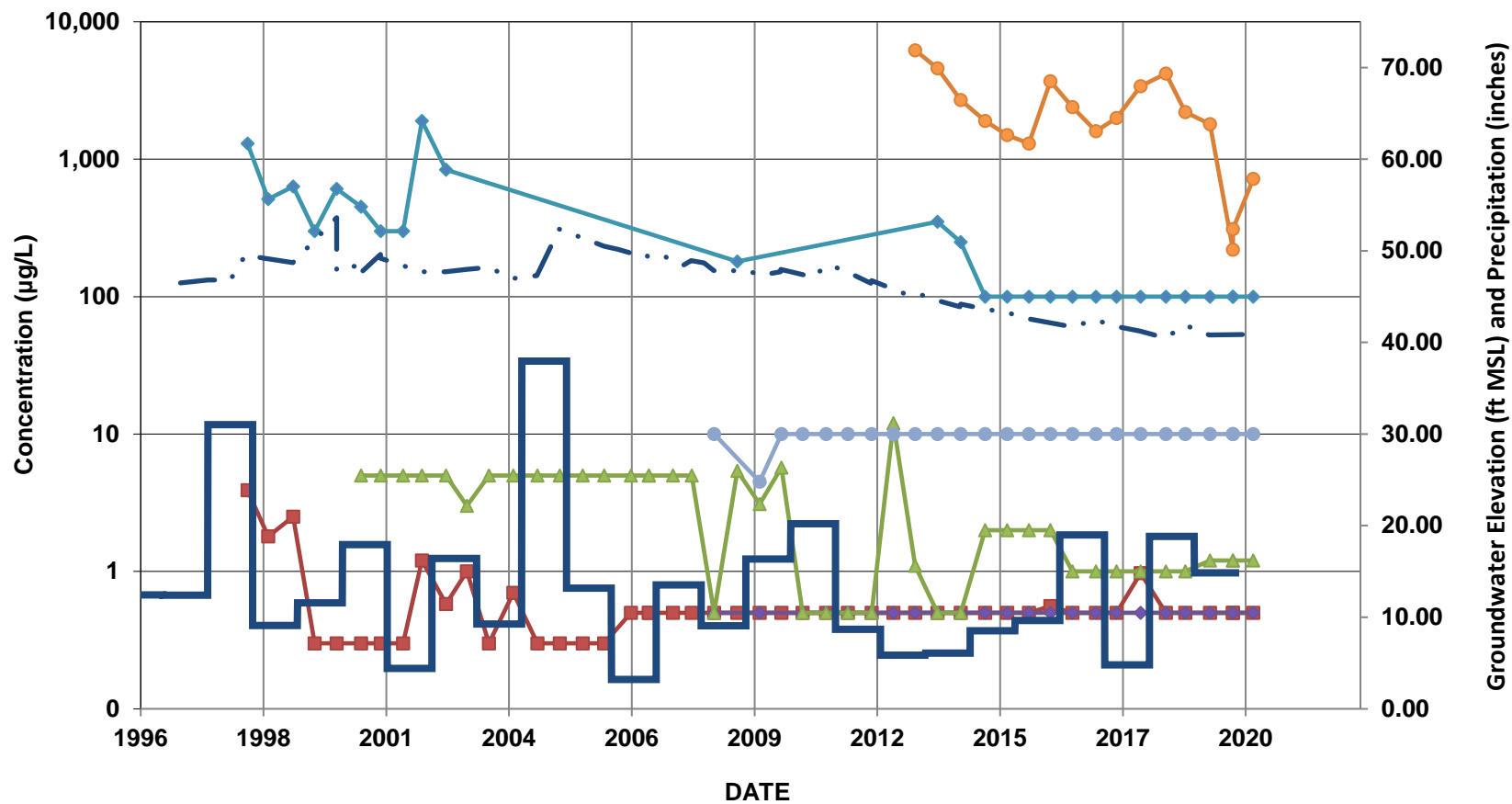
GMW-6, GMW-15, GMW-32, GMW-45, GMW-47, MW-23(MID), AND MW-26

GMW-6



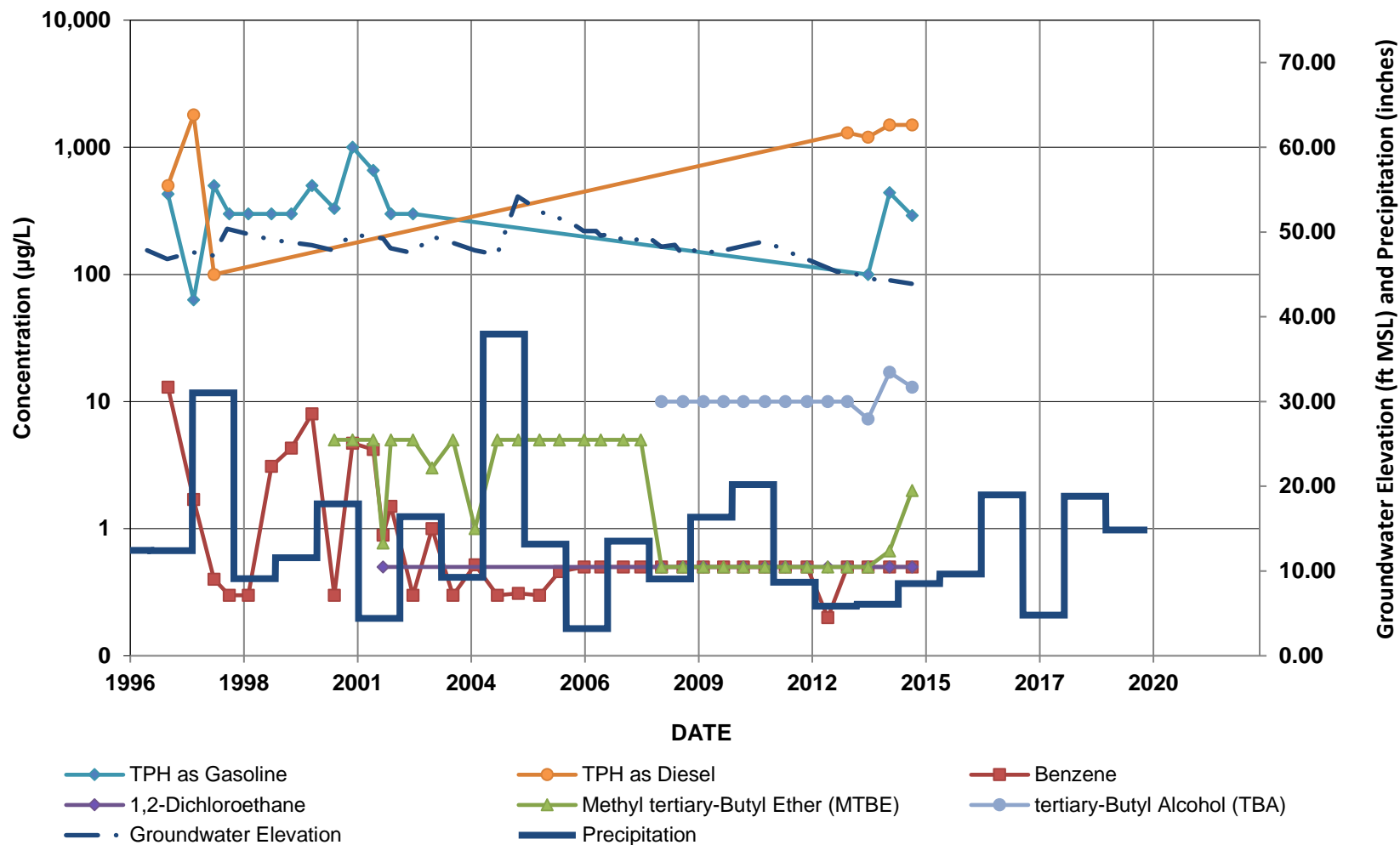
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-15



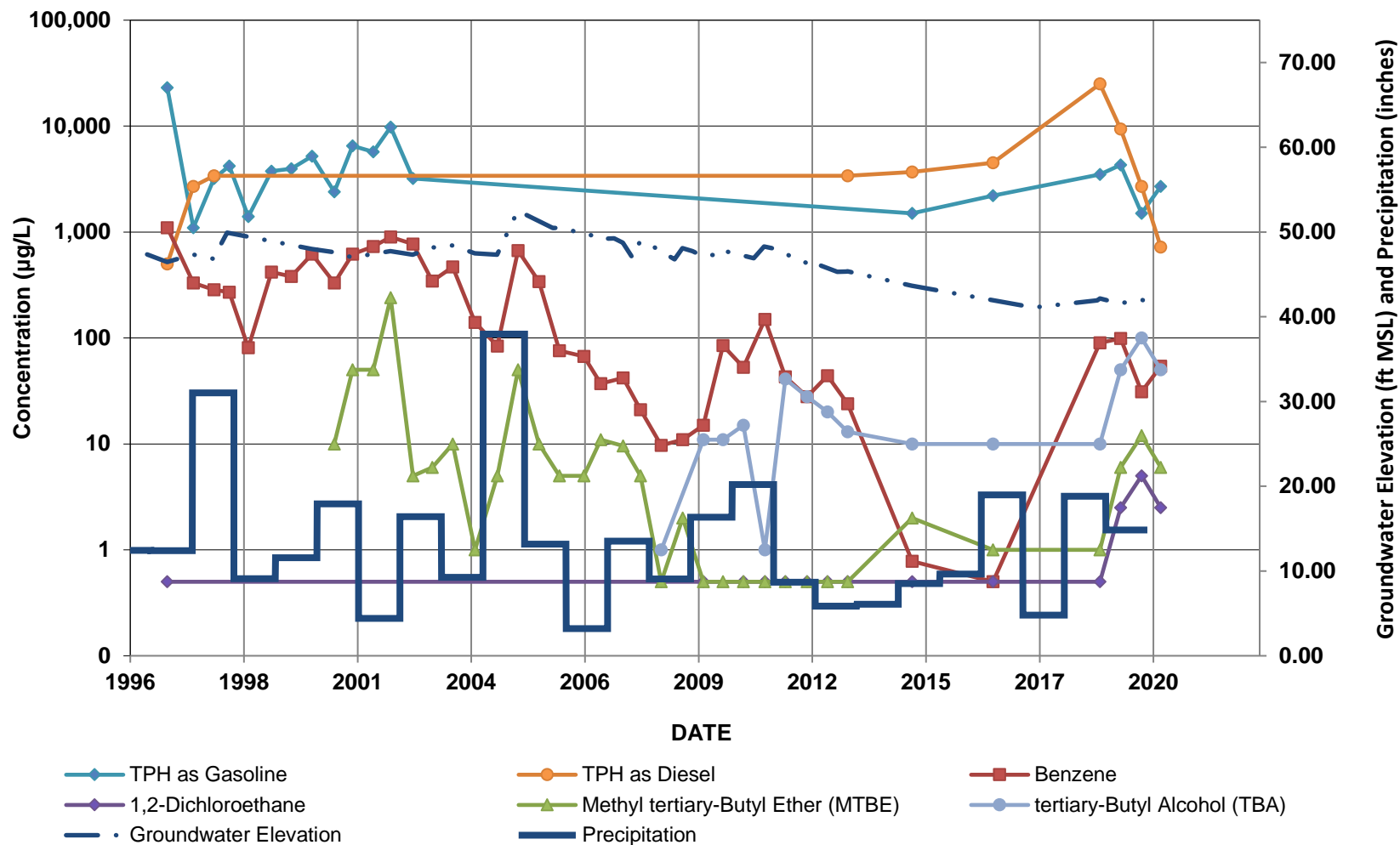
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-32



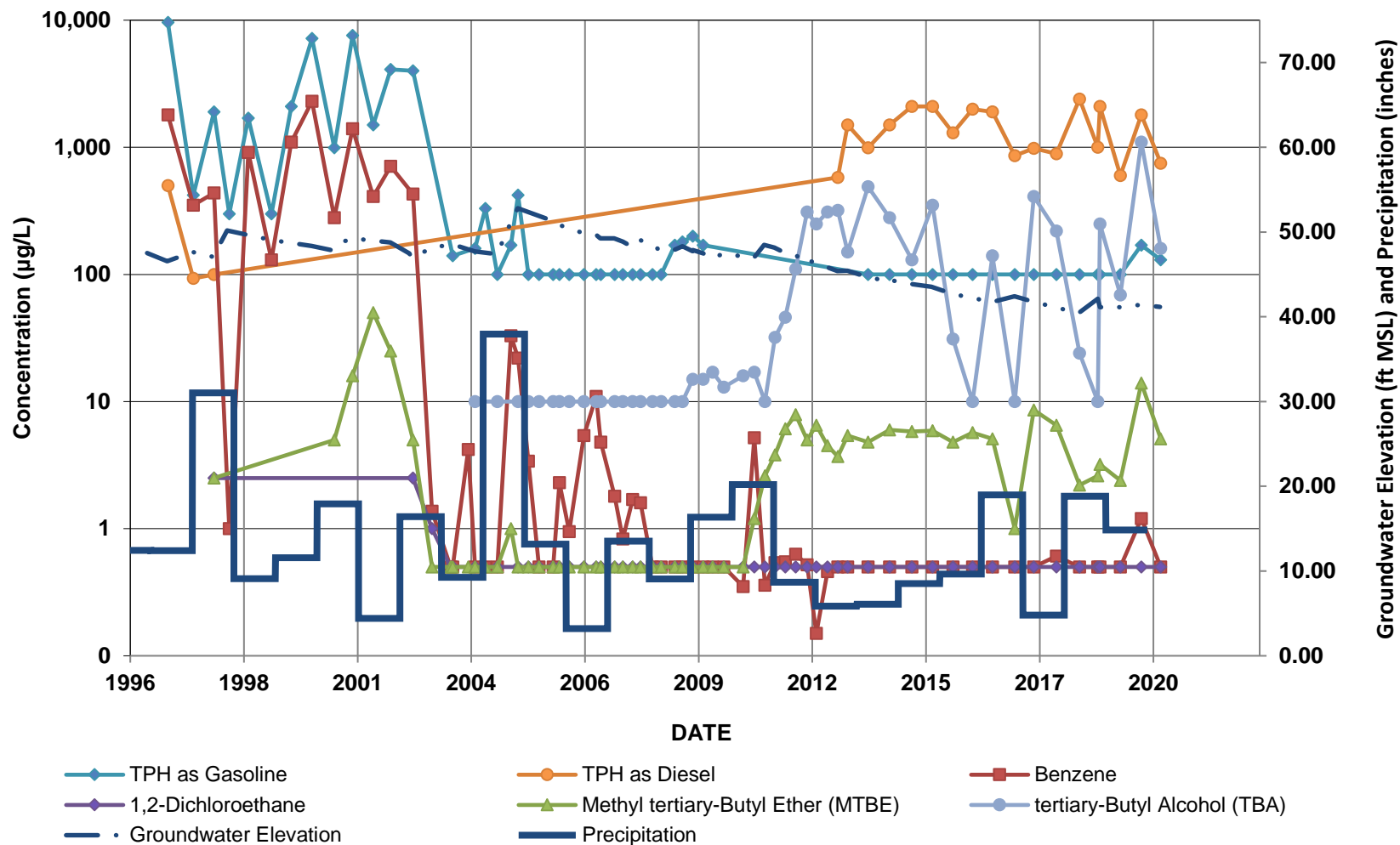
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-45



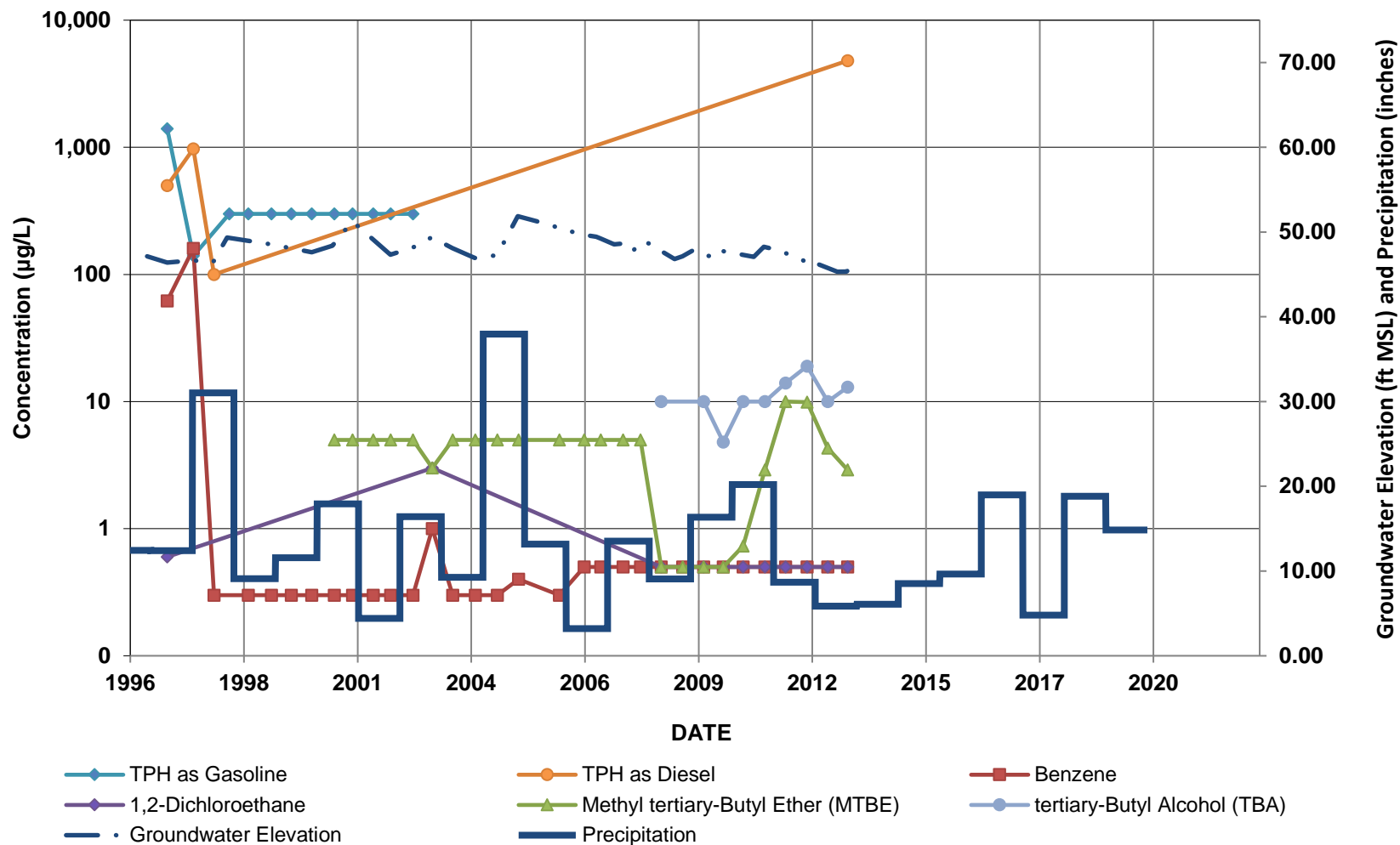
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-47



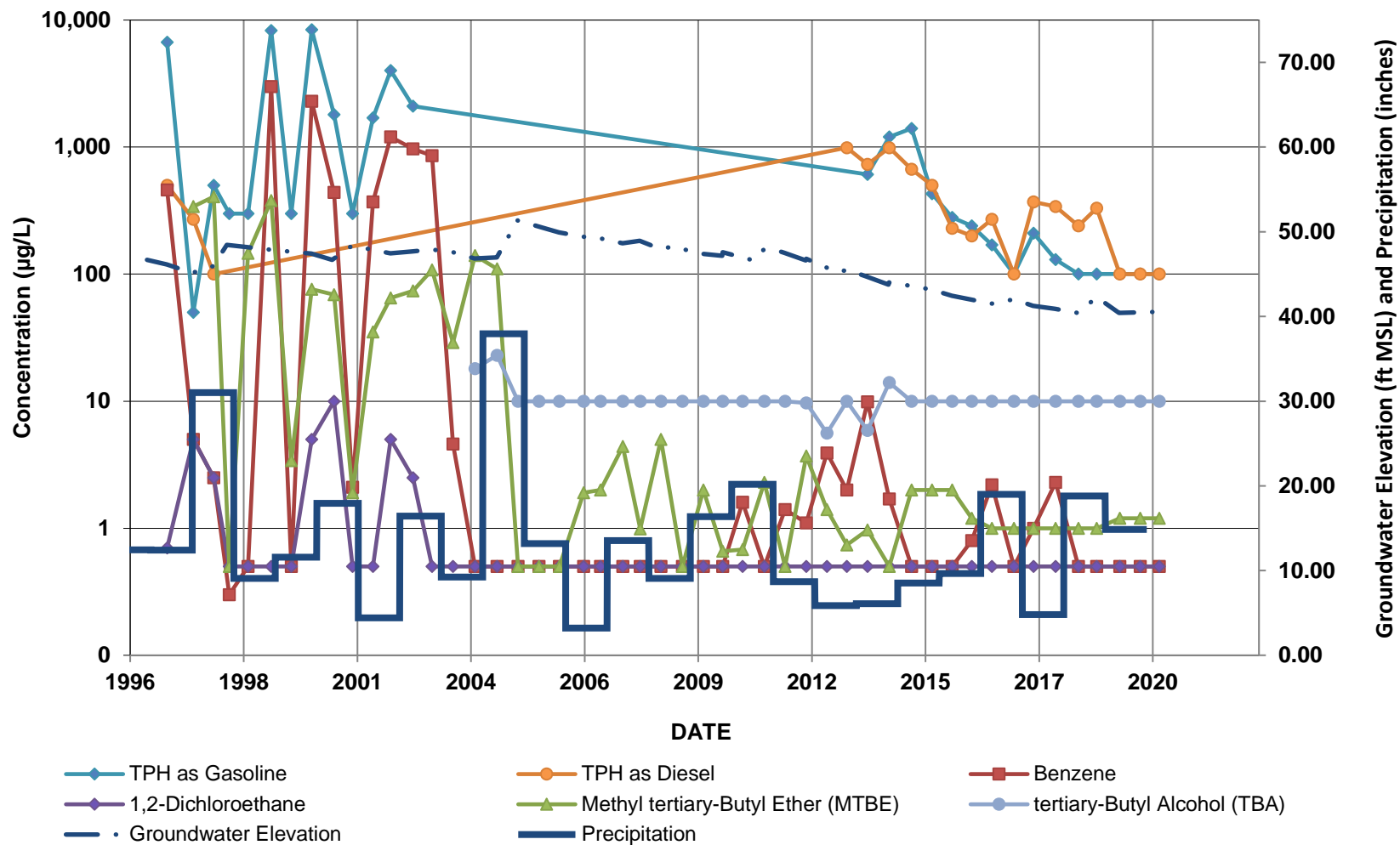
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-23(MID)



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-26

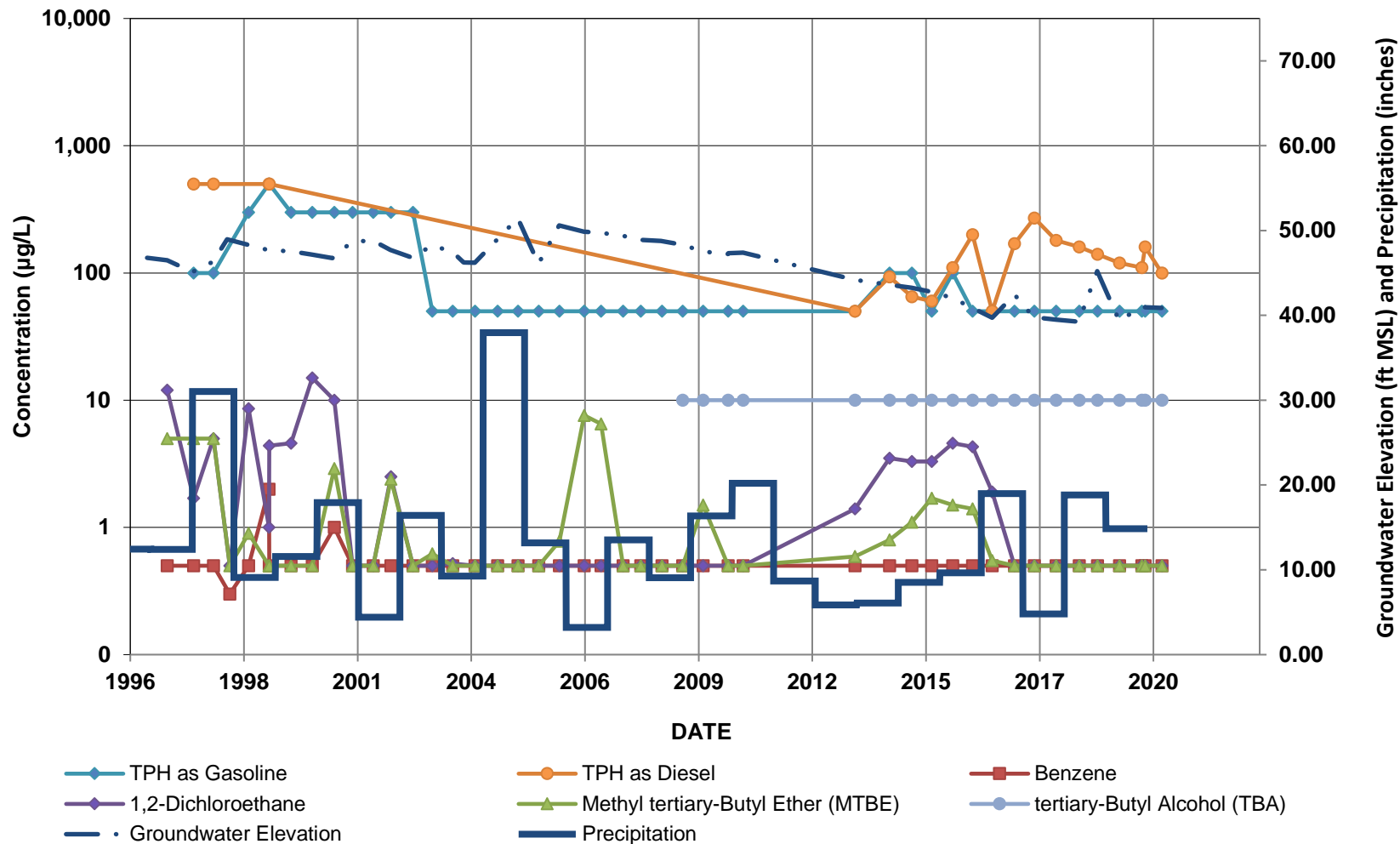


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

WESTERN AREA

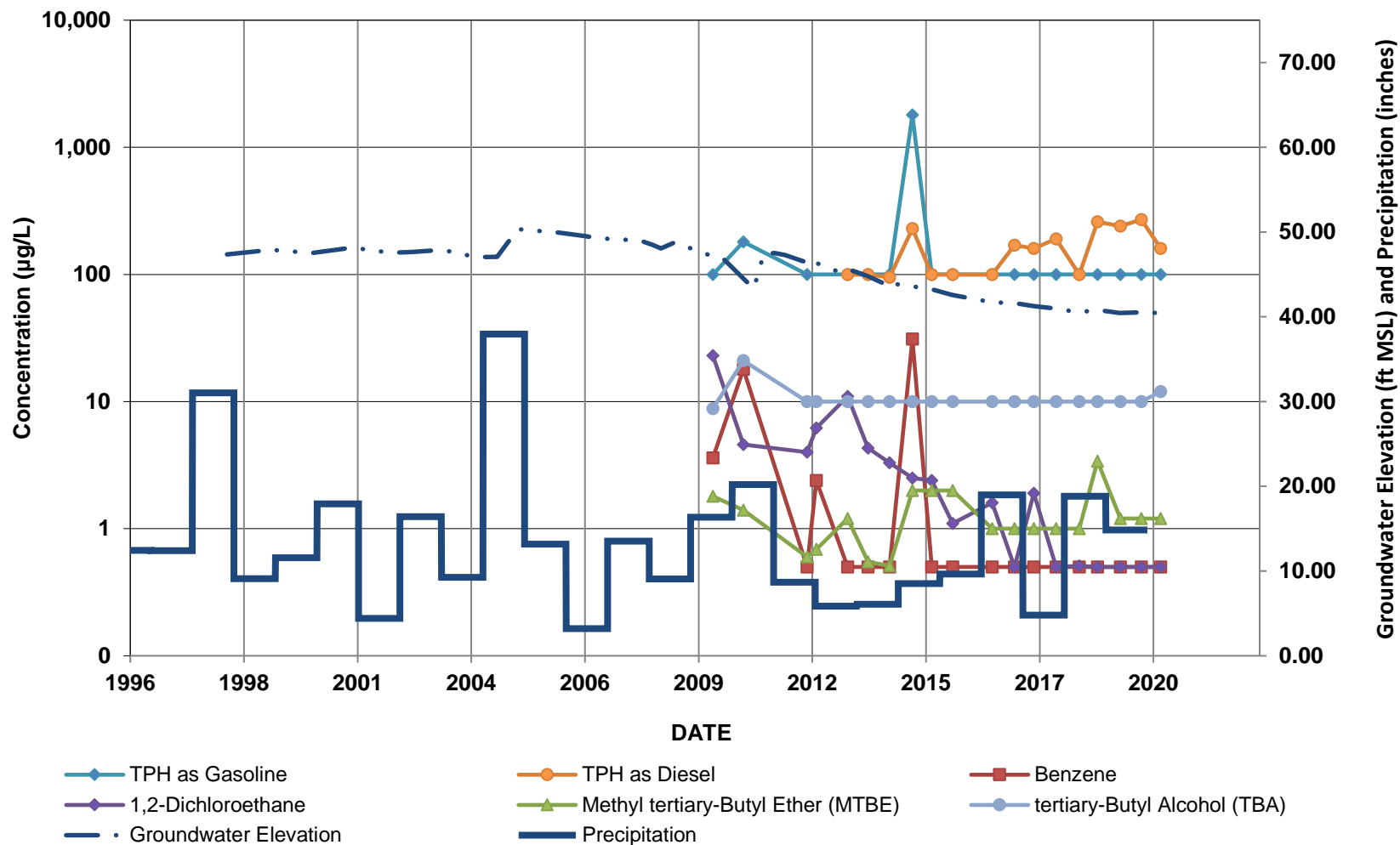
GMW-8, GW-2, GW-6, GW-13, MW-6, MW-7, MW-22(MID), MW-26, WCW-3, AND WCW-7

GMW-8



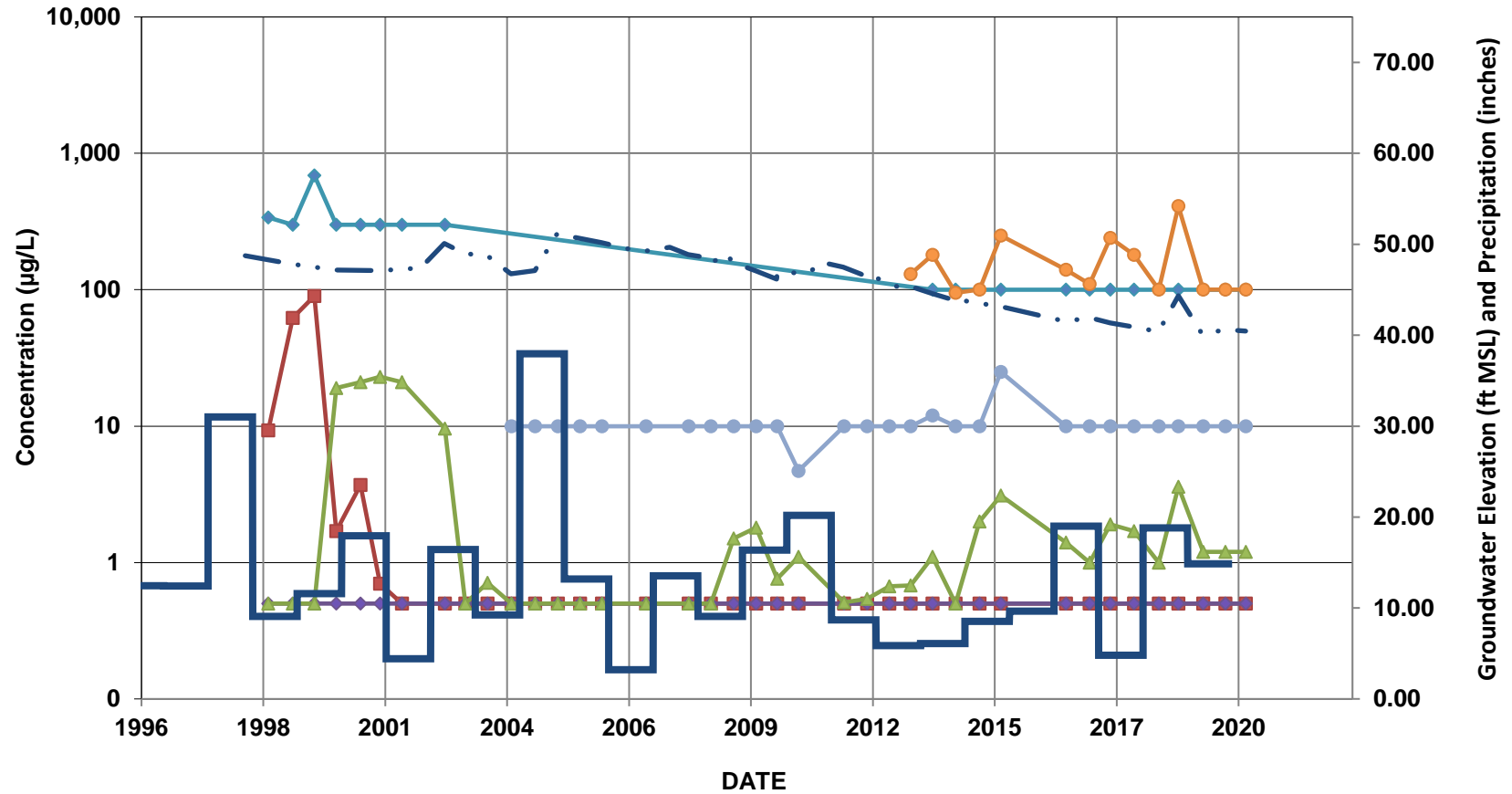
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GW-2



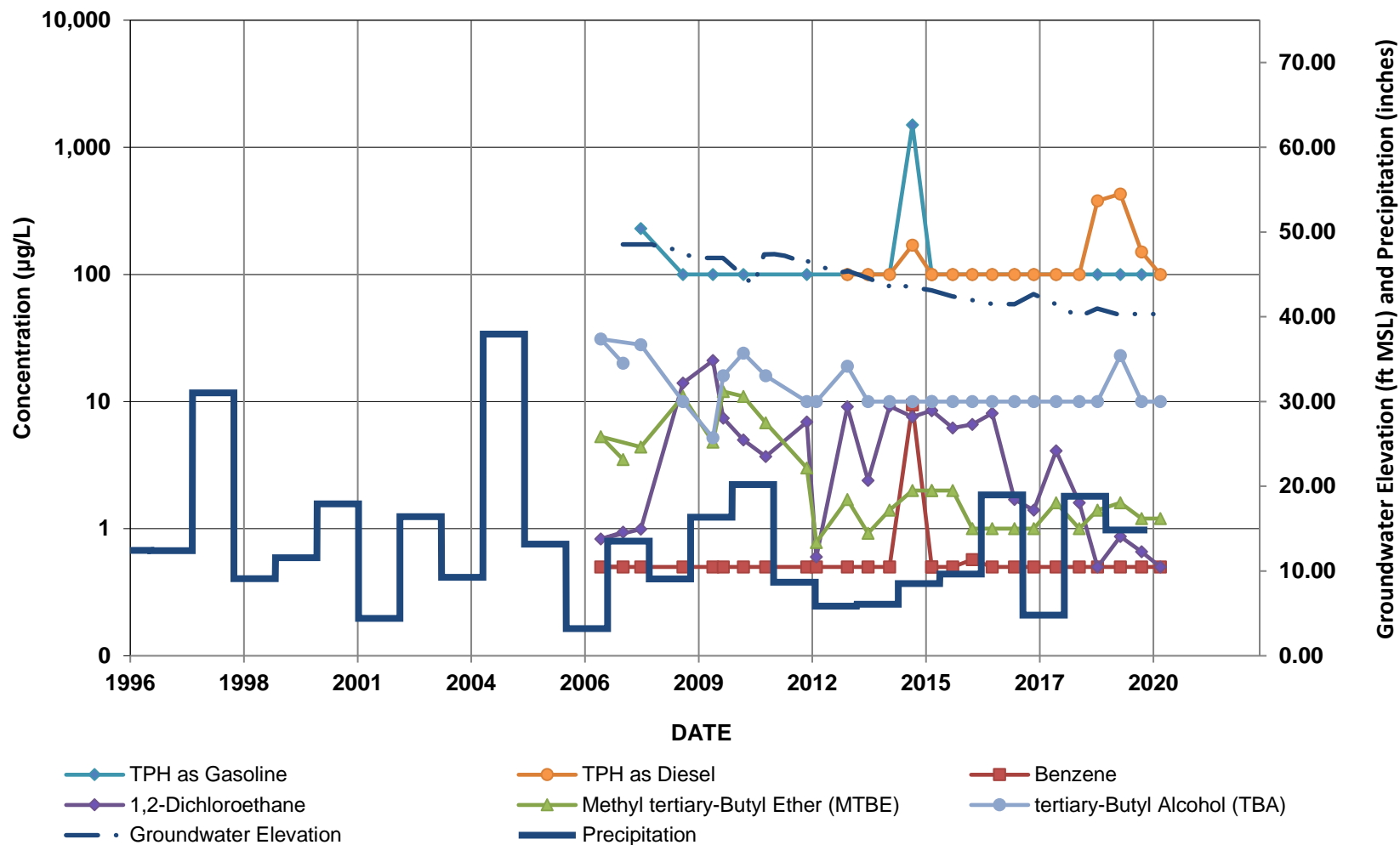
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GW-6



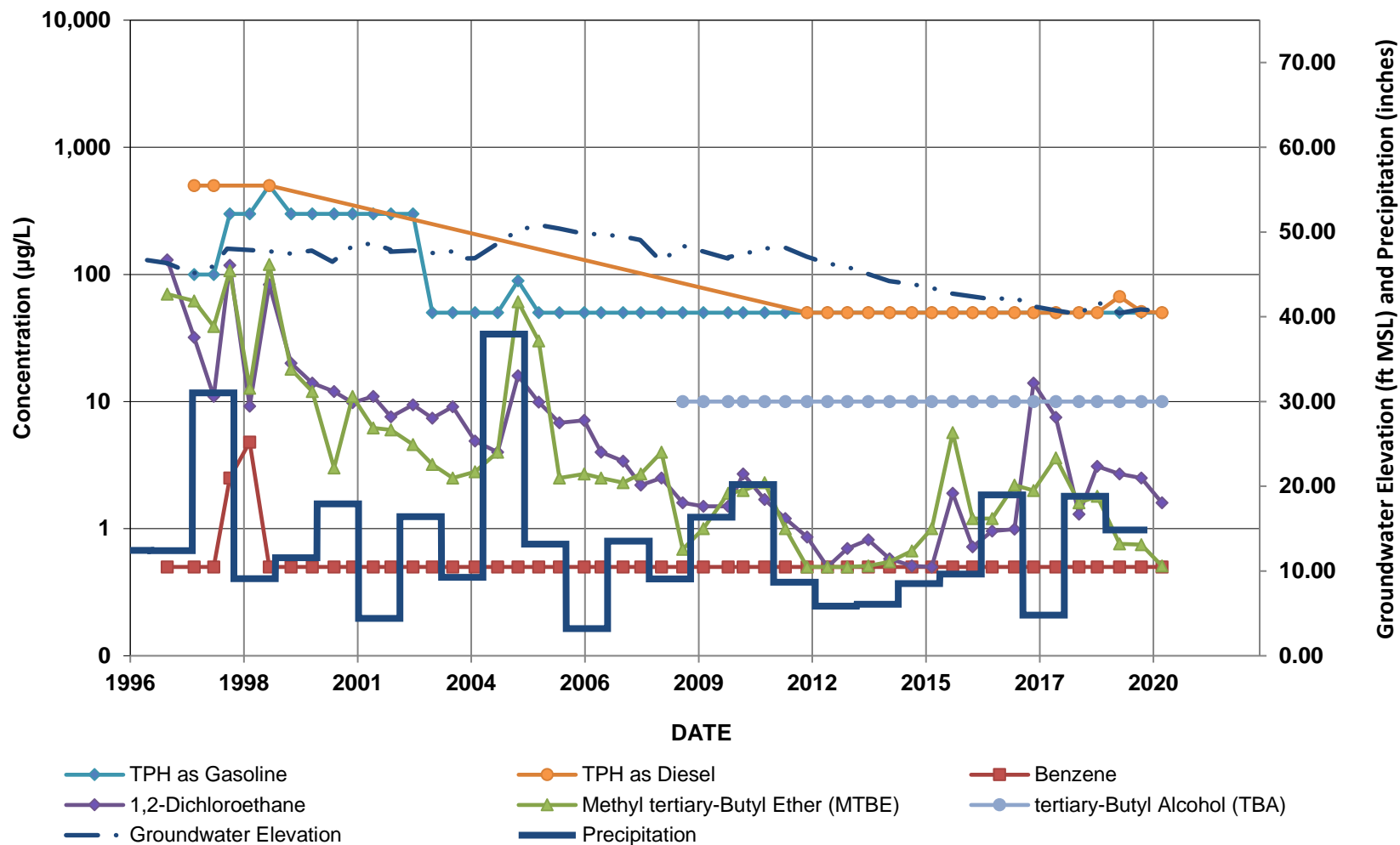
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GW-13



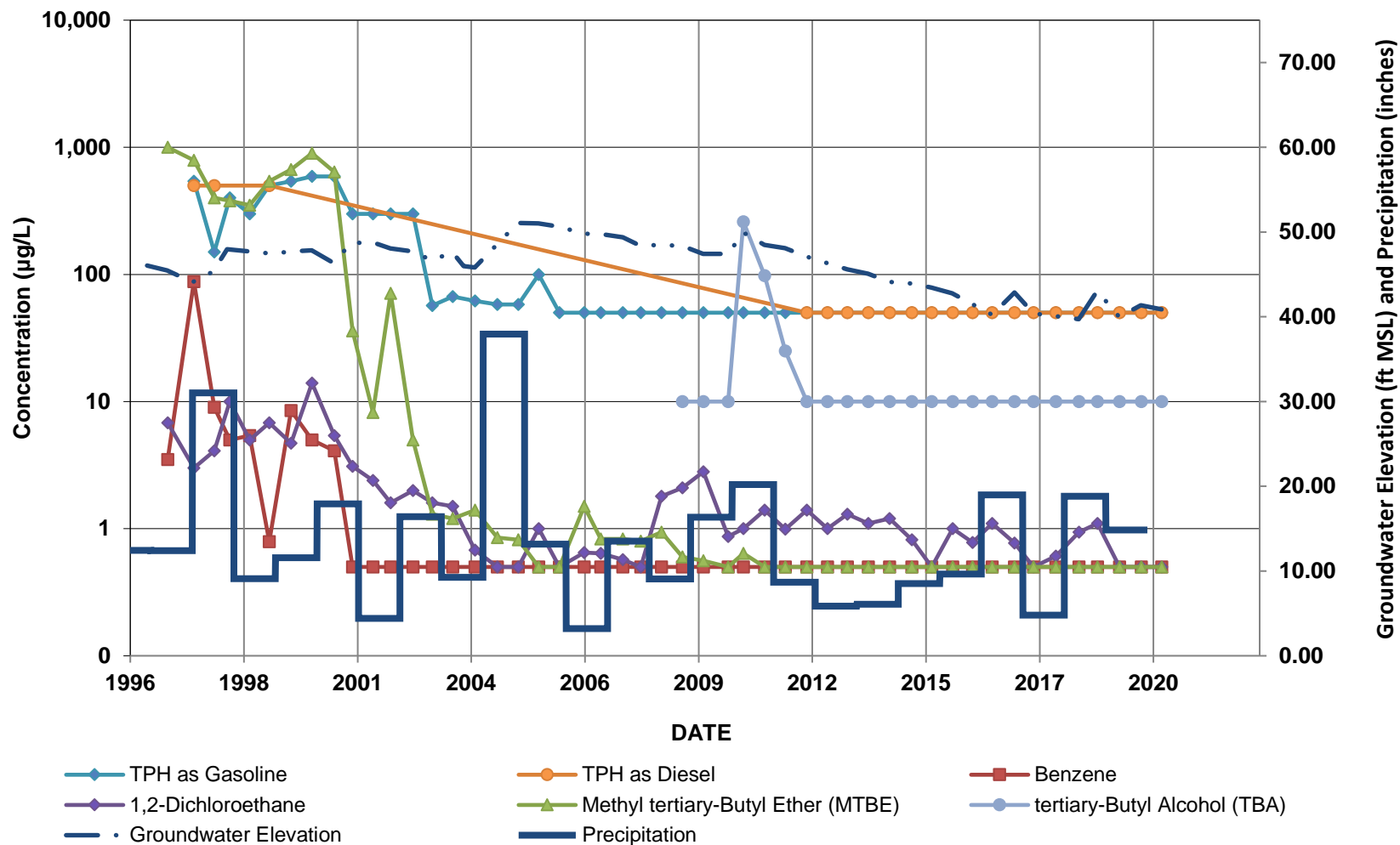
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-6



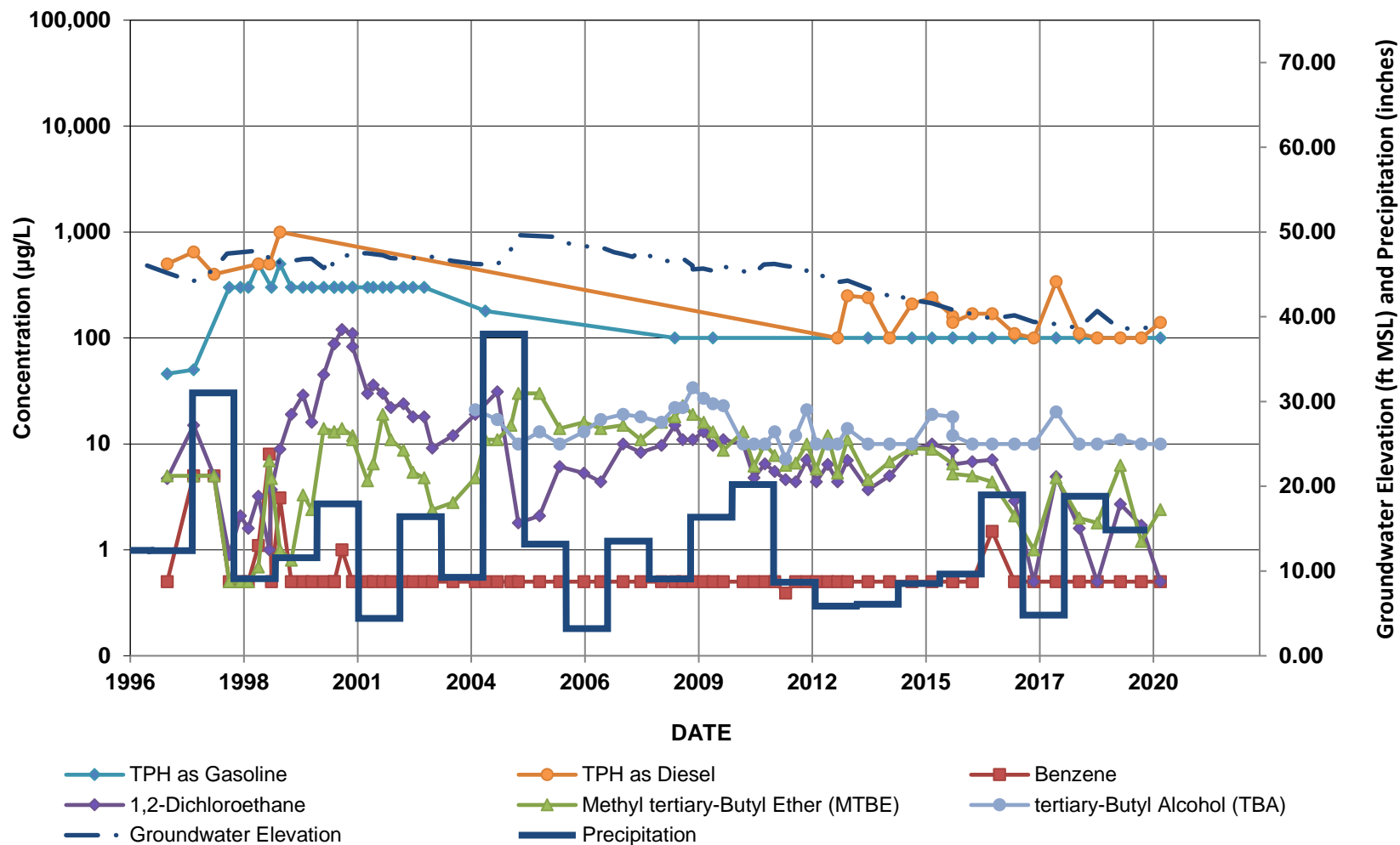
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-7



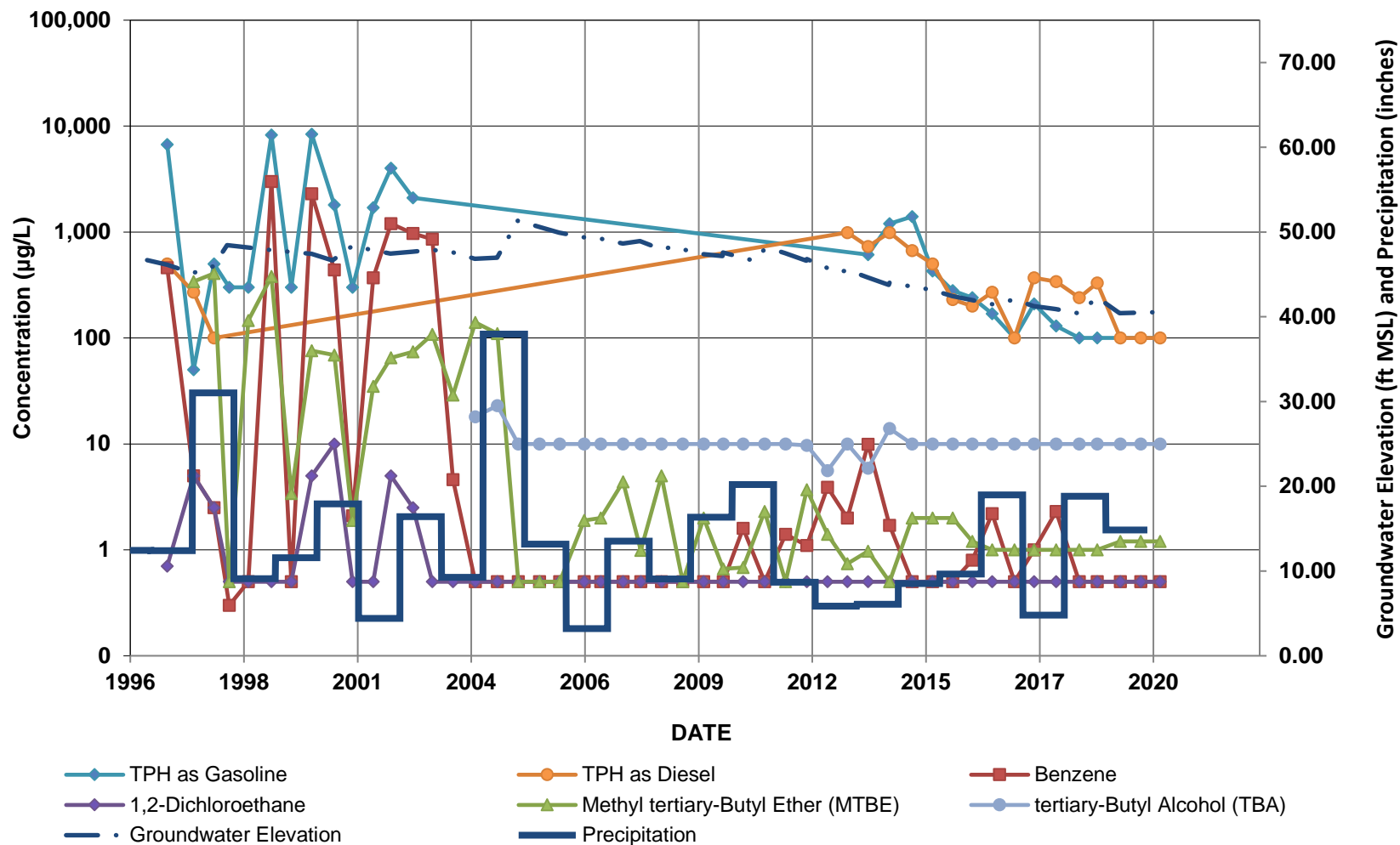
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-22(MID)



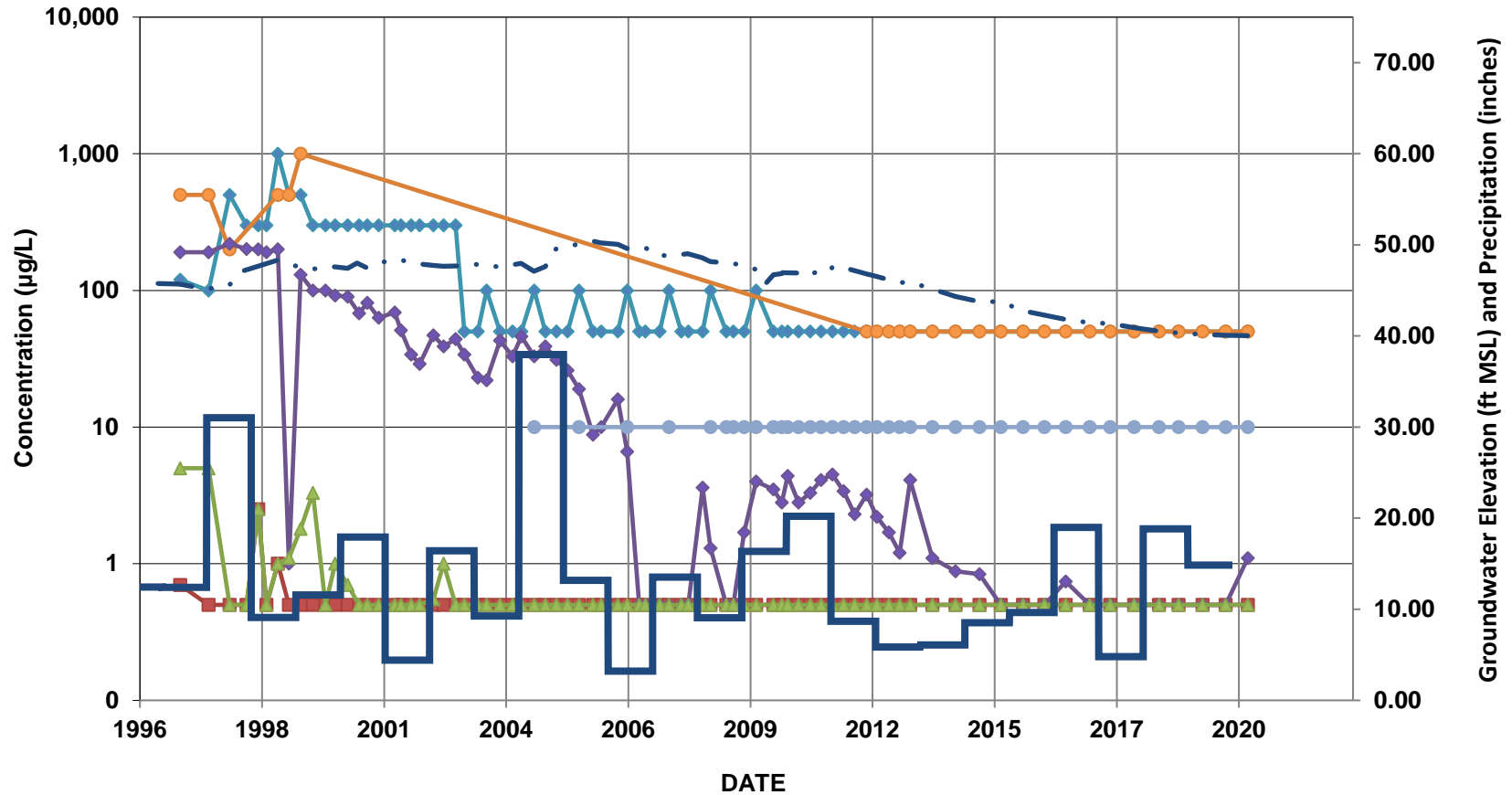
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-26



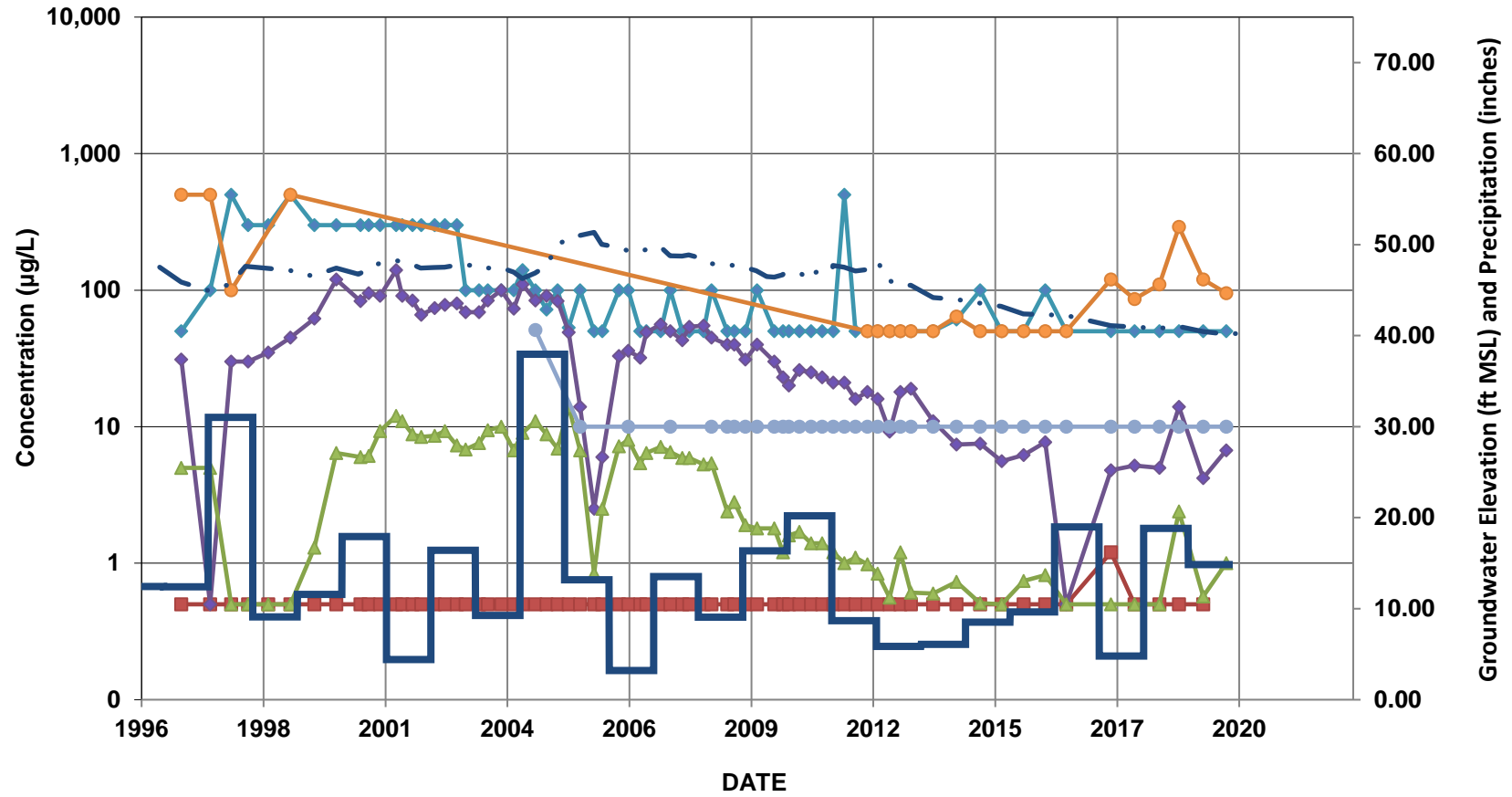
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

WCW-3



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

WCW-7

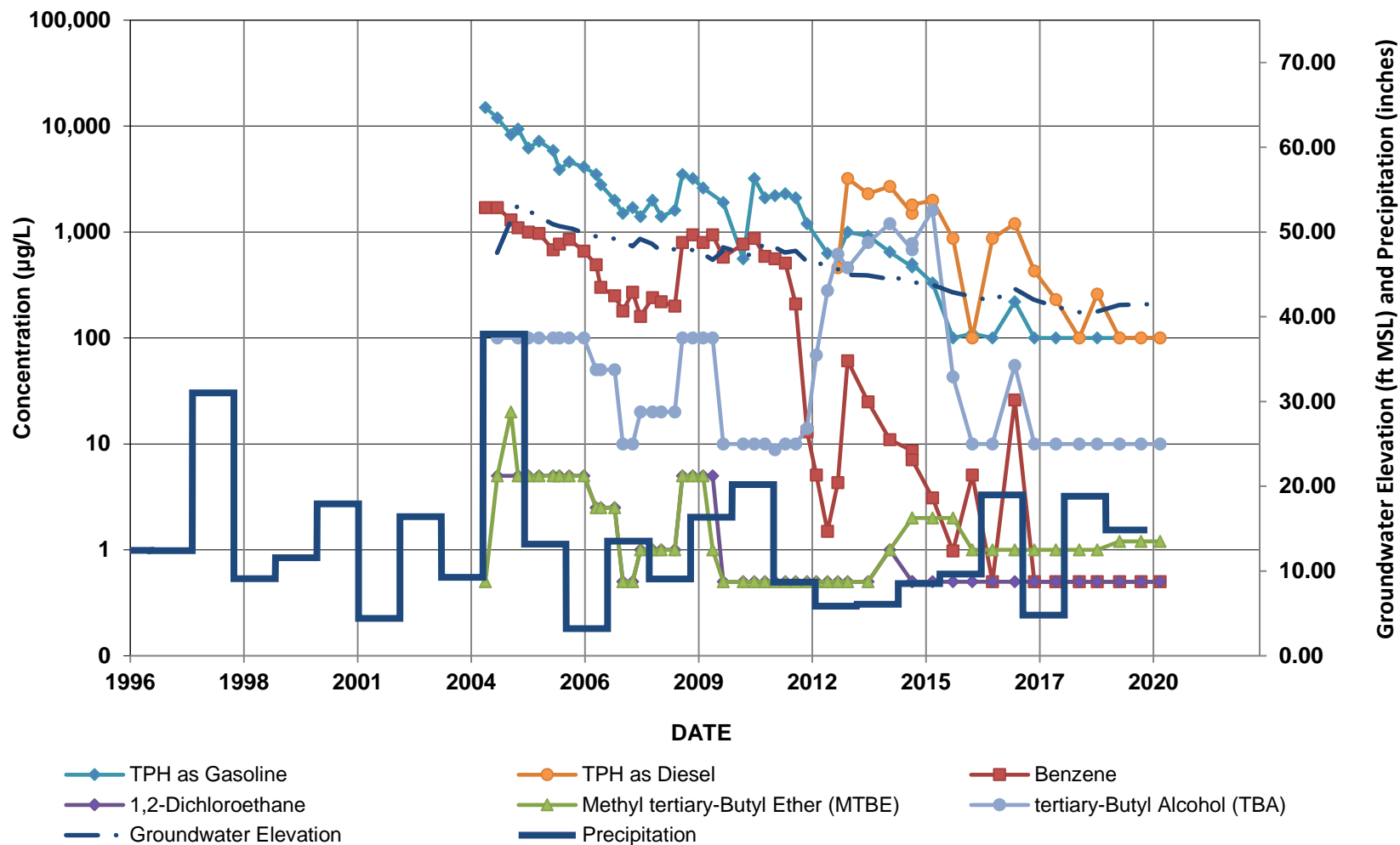


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

NORTHEAST ON-SITE/HOLIFIELD PARK AREAS

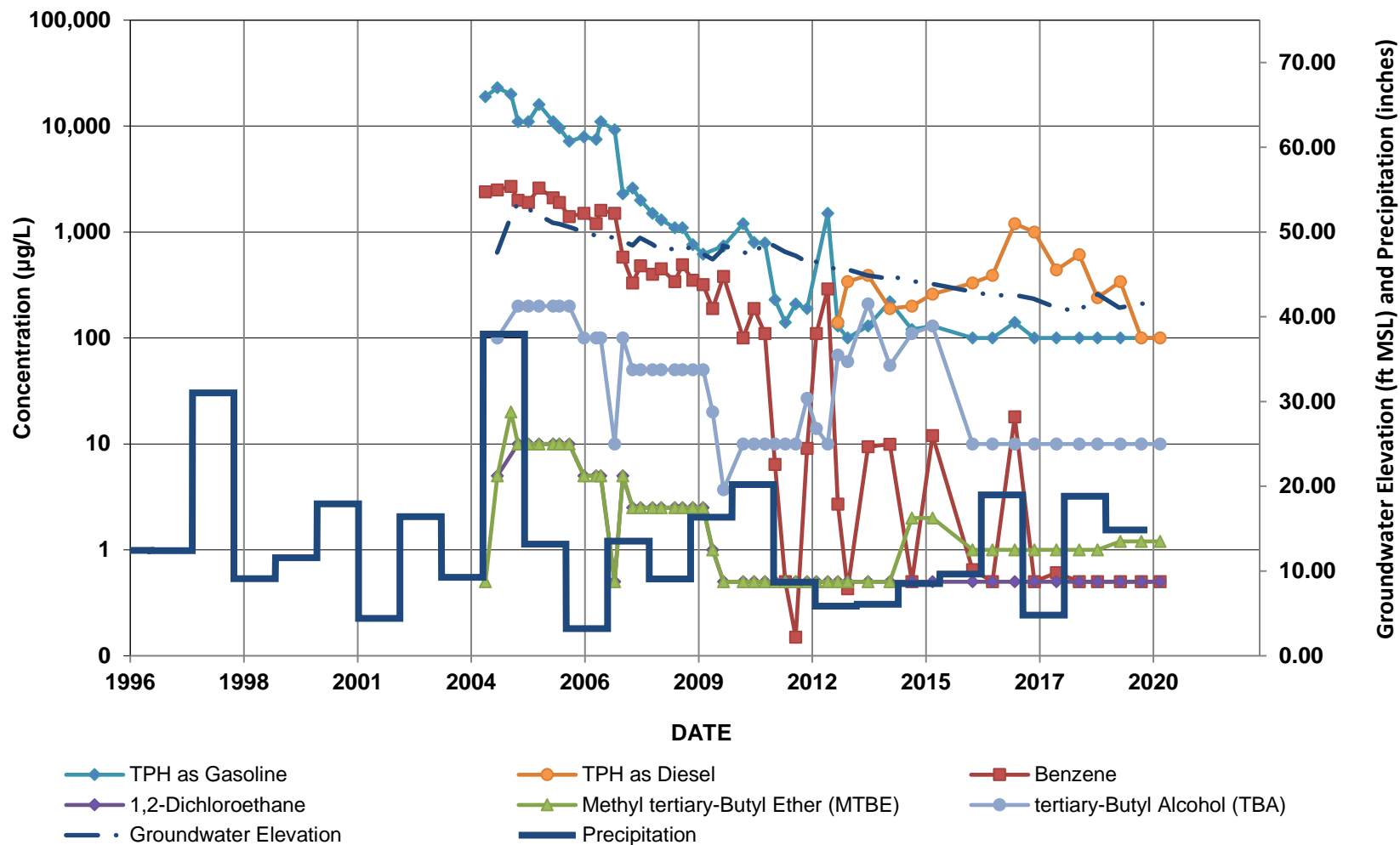
GMW-60, GMW-61, GMW-62, GMW-67, GMW-68, AND GMW-69

GMW-60



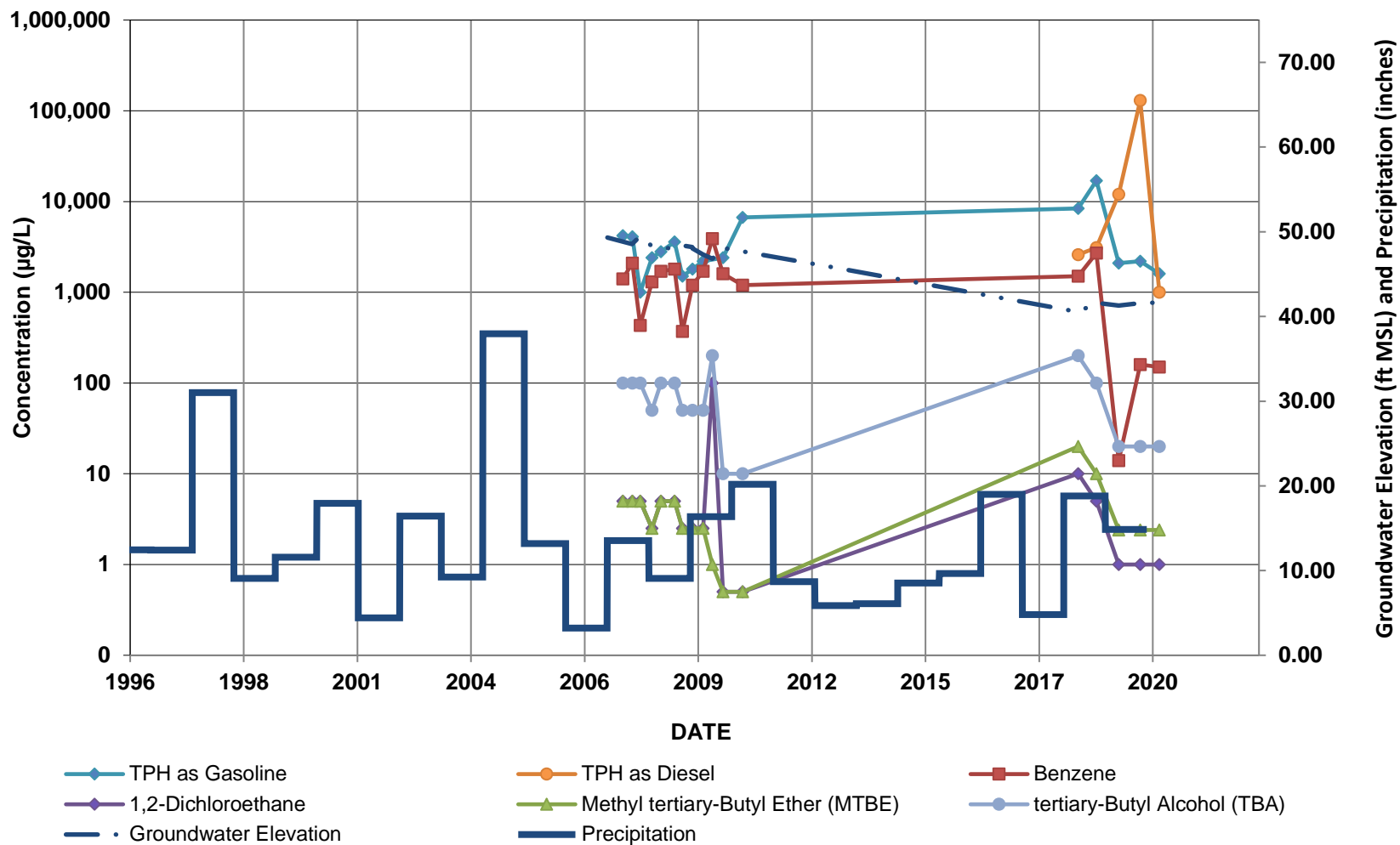
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-61



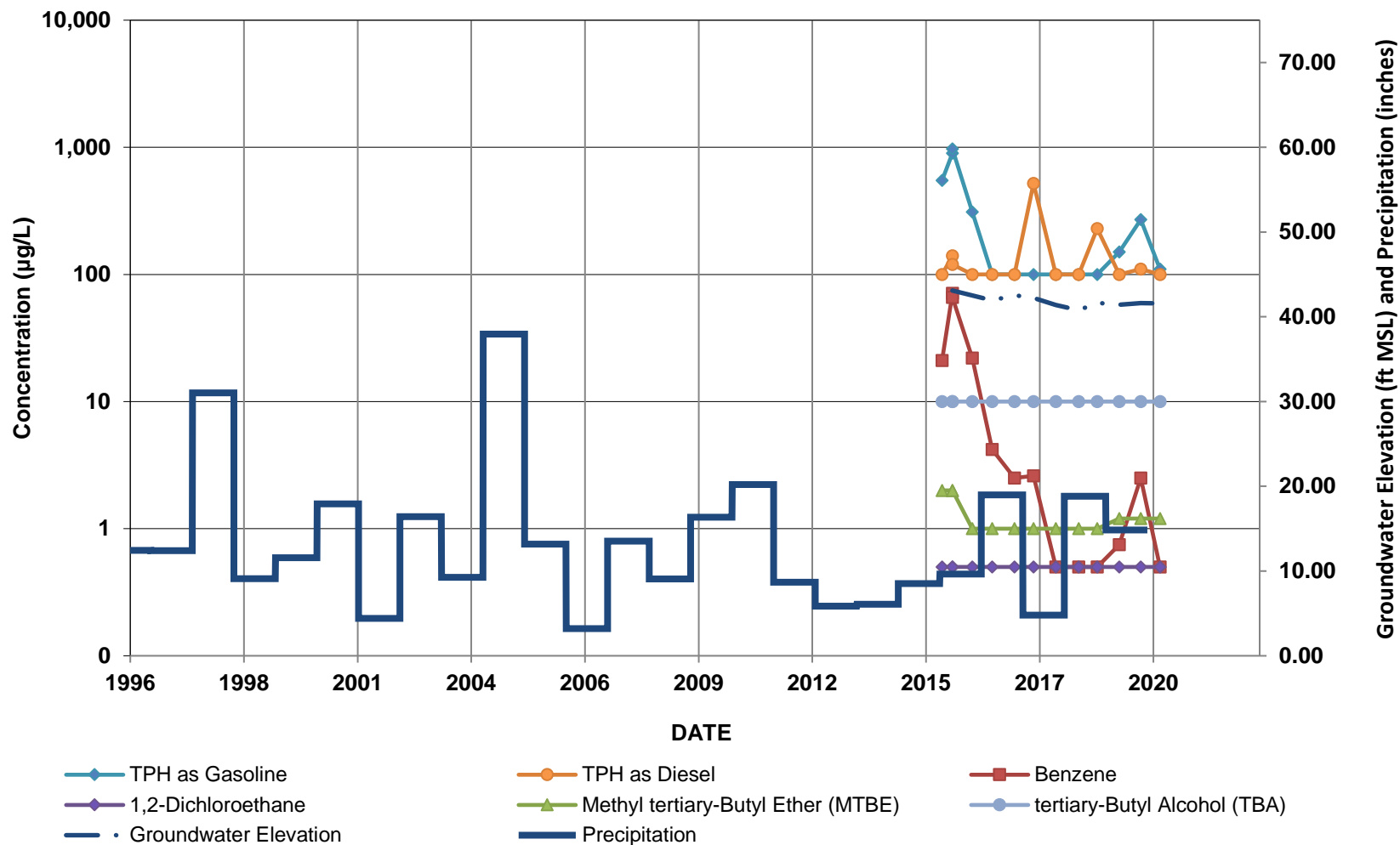
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-62



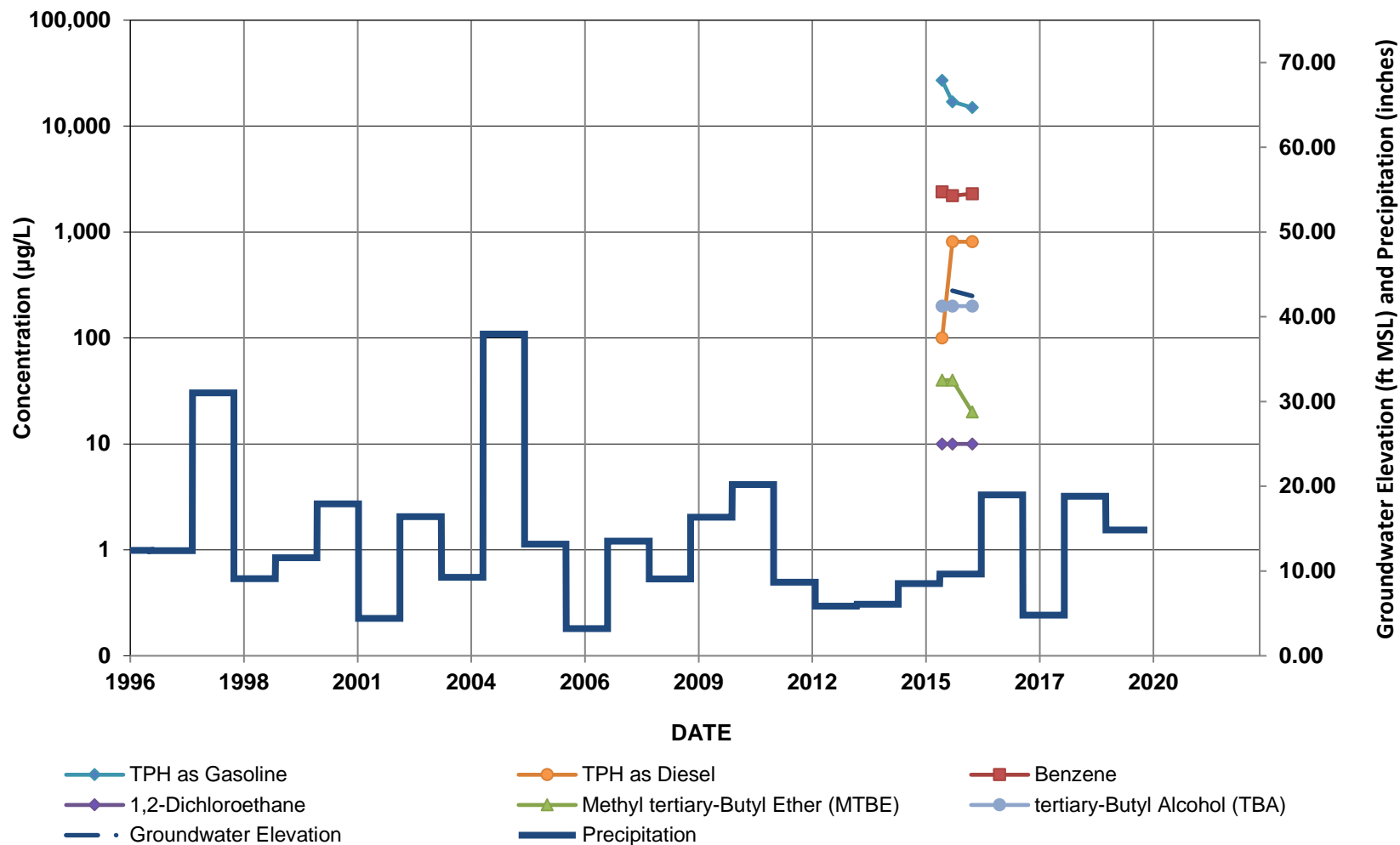
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-67



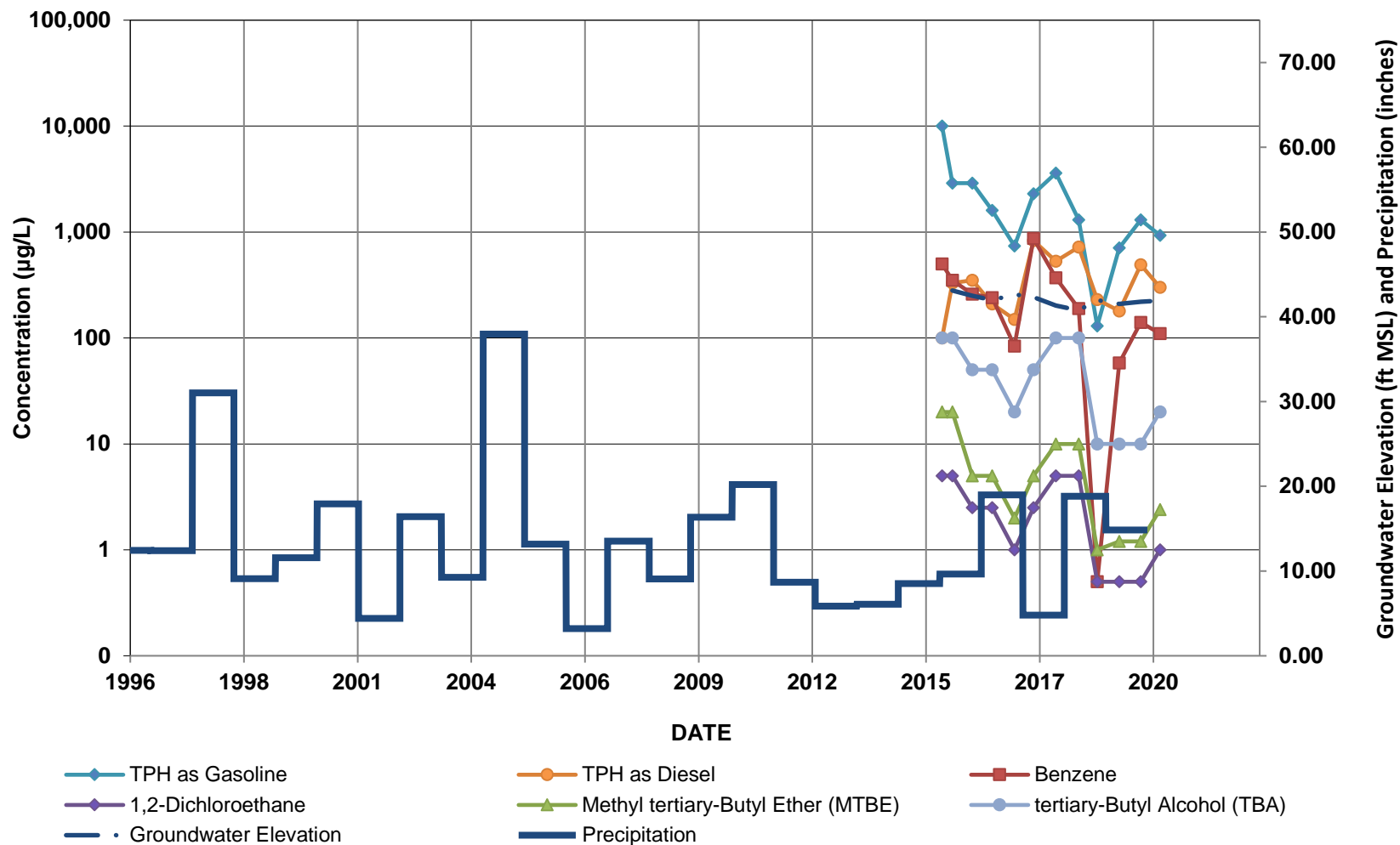
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-68



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-69

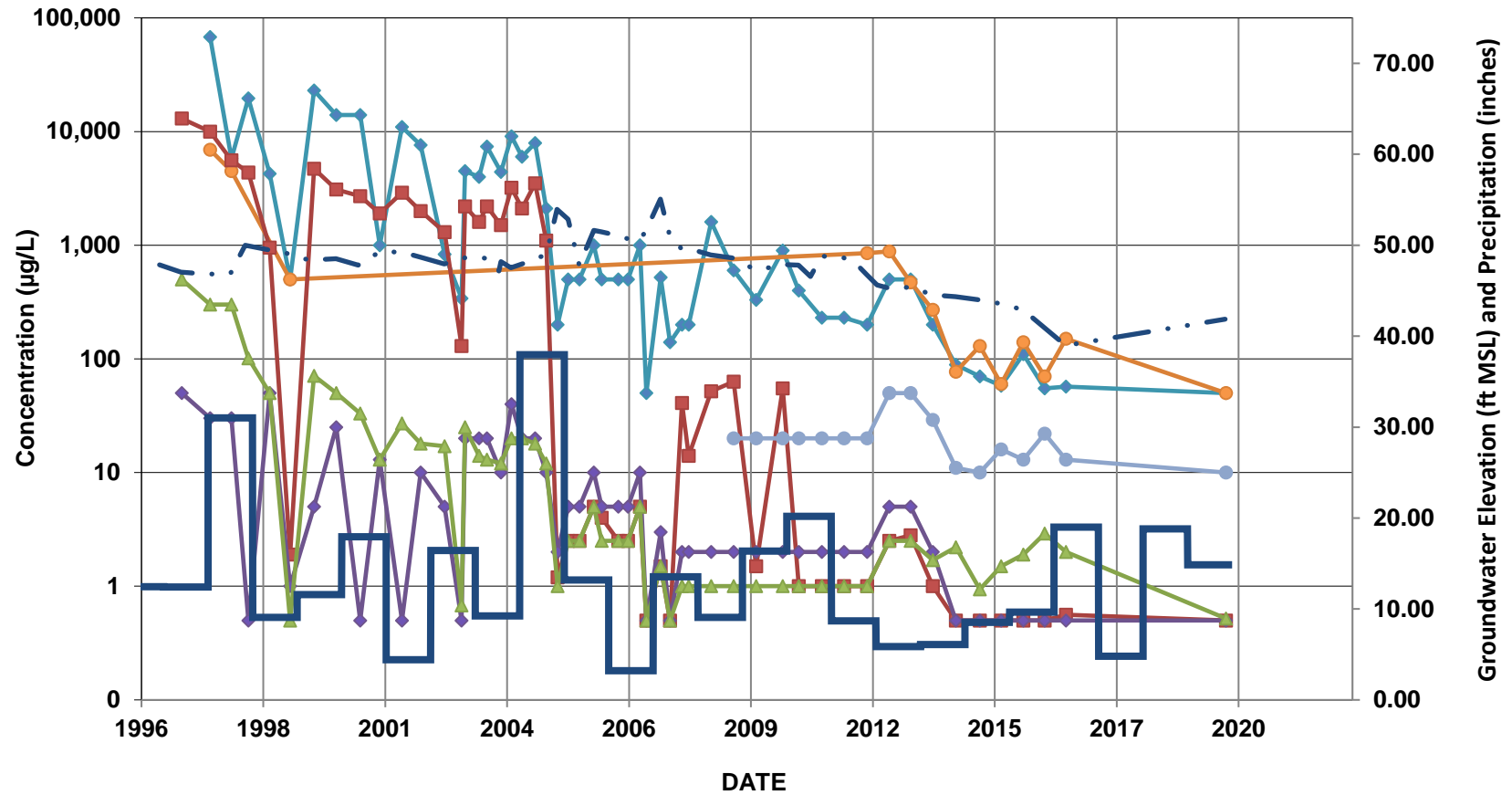


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

FORMER TRUCK-FUELING AREA

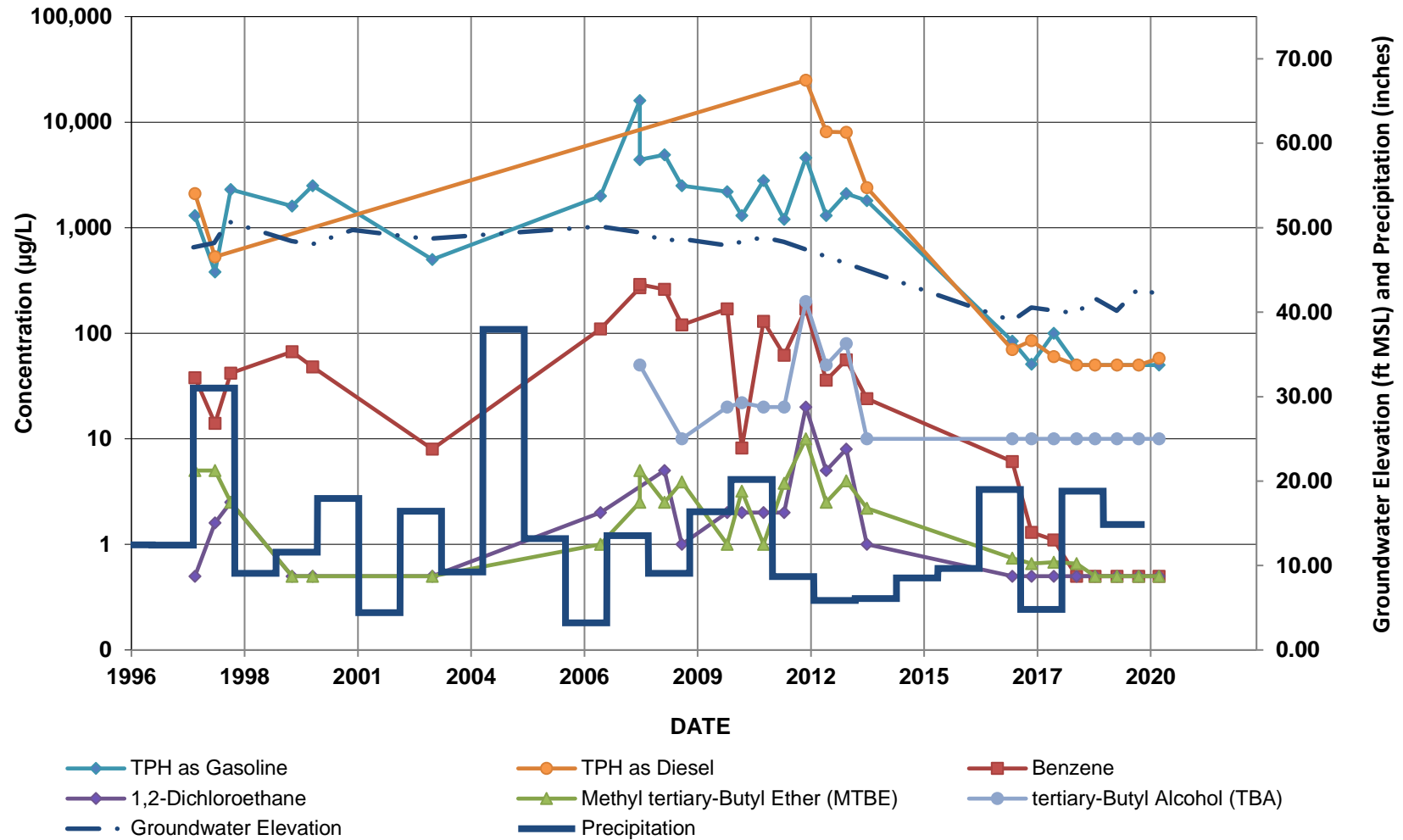
GMW-1, GMW-4, GMW-10, AND MW-15

GMW-1



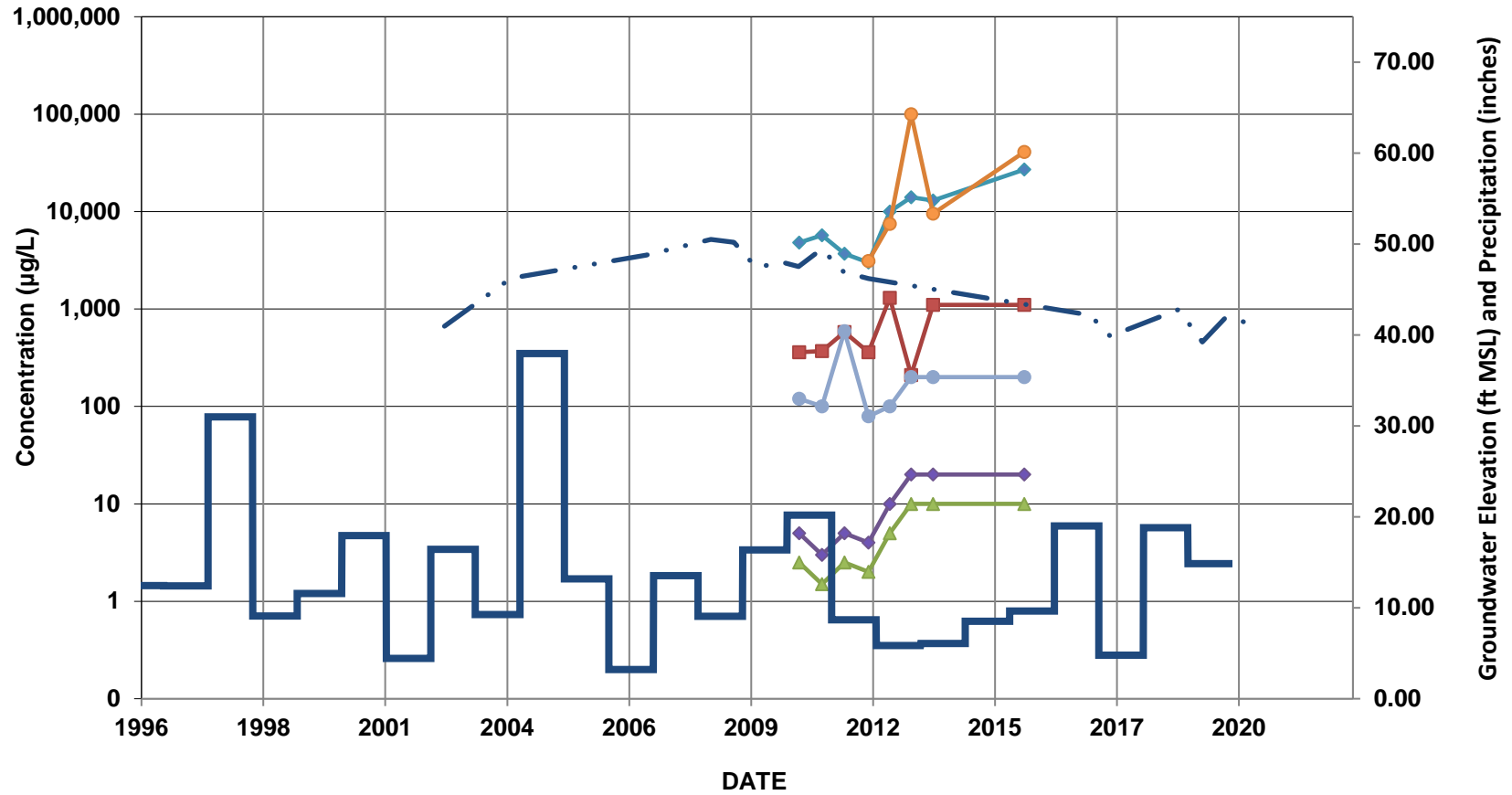
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-4/GMW-4R



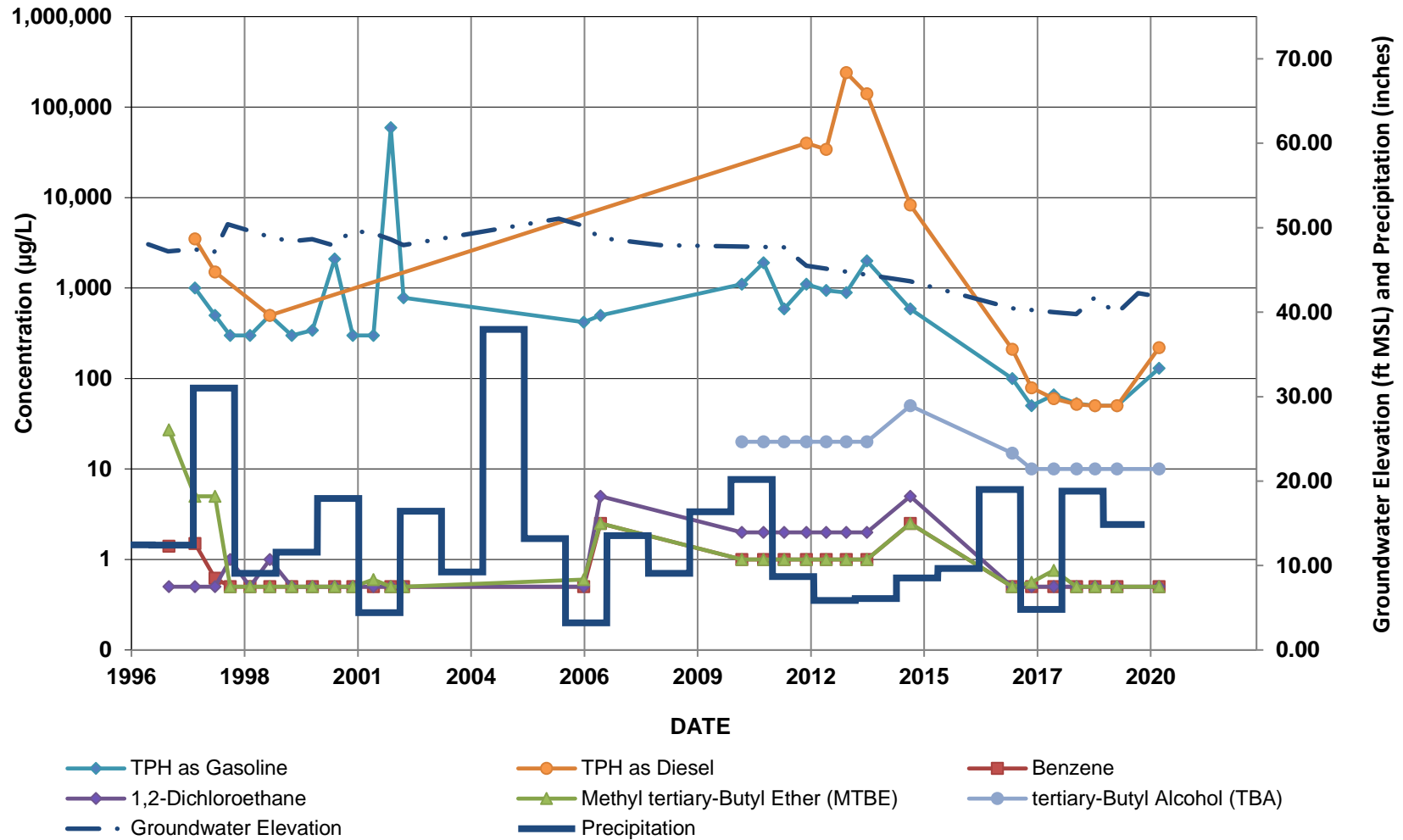
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-10



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-15/MW-15R

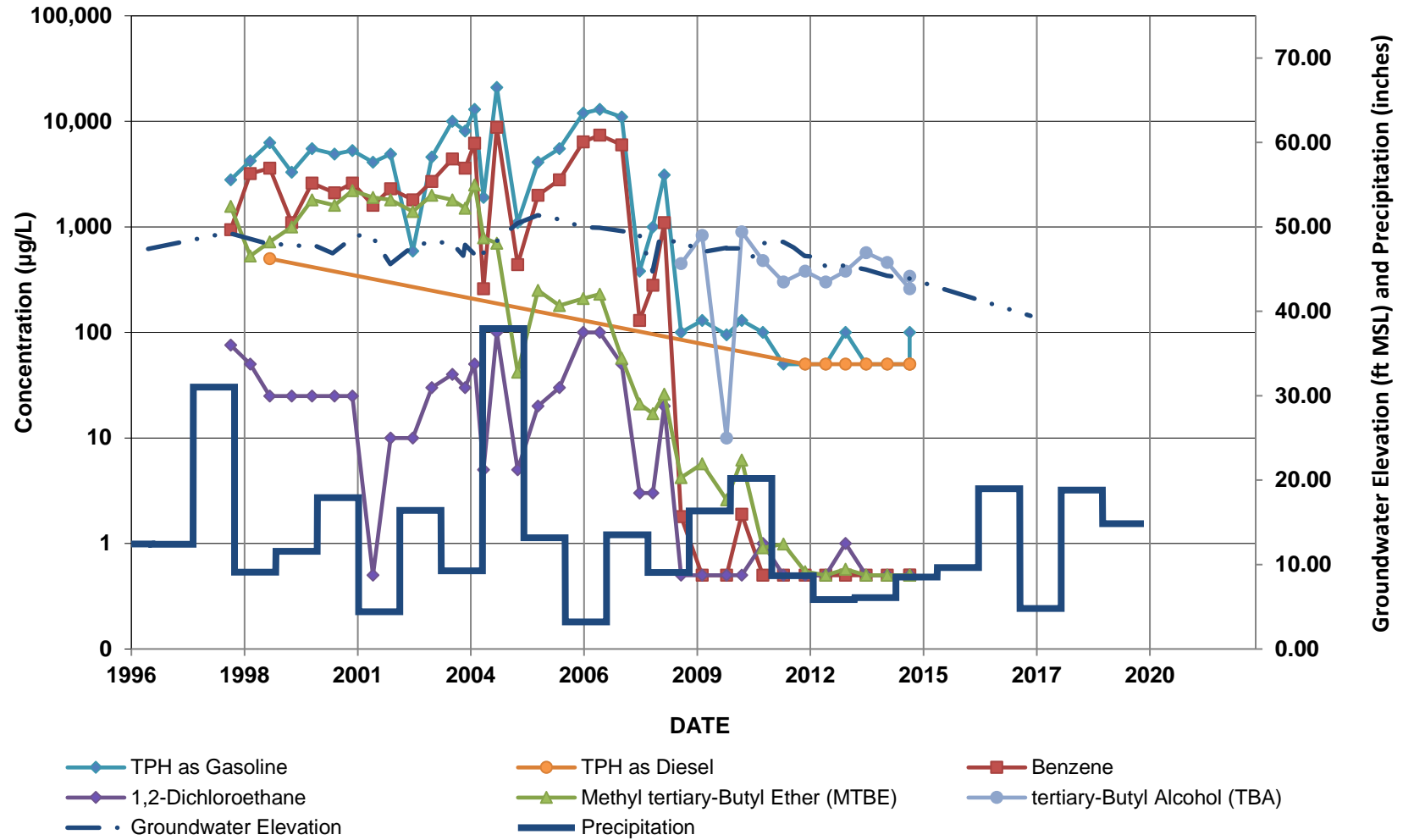


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

SOUTH-CENTRAL AREA

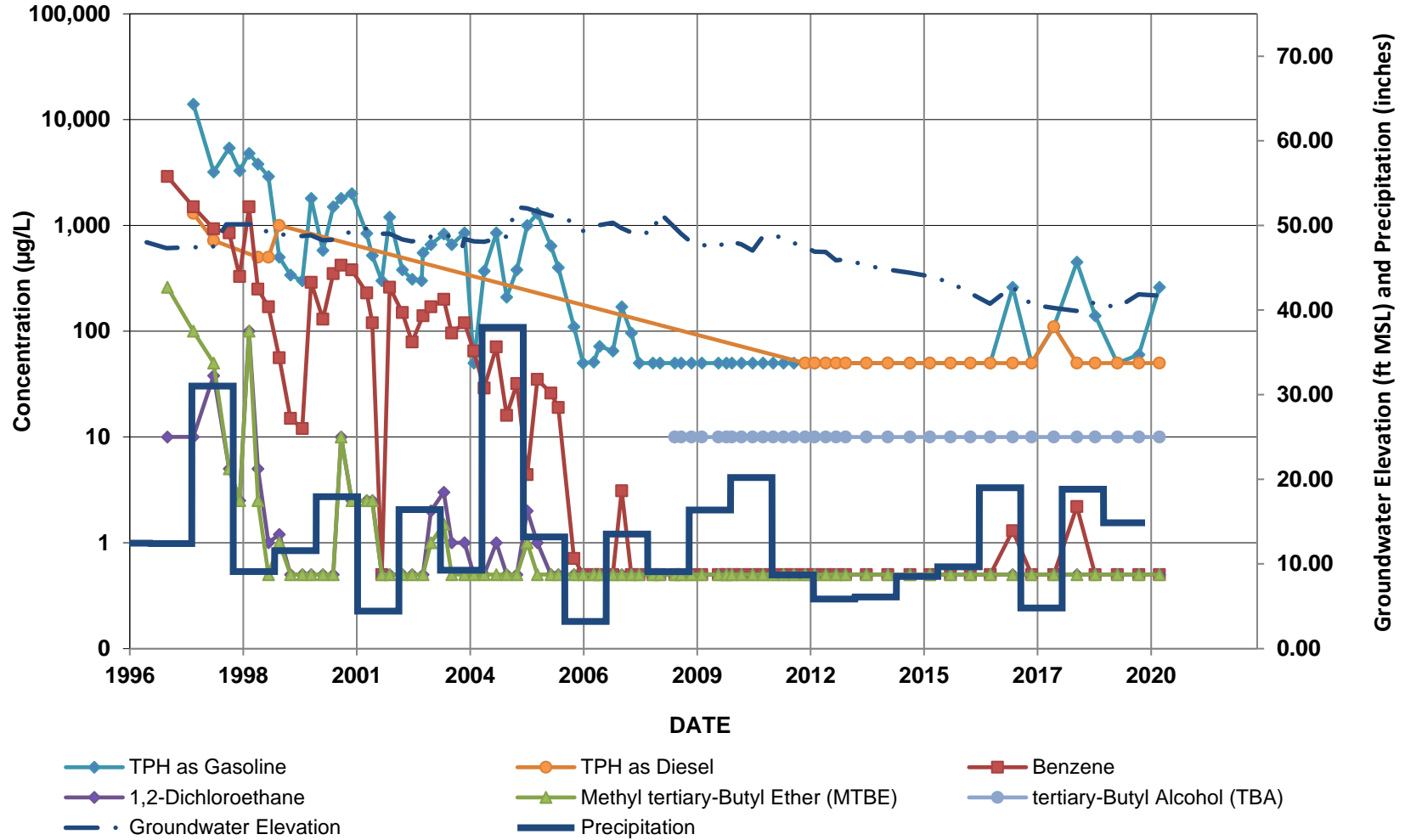
**GMW-27, GMW-O-3, GMW-O-5, GMW-O-9, GMW-O-10, GMW-O-14, GWR-1, HL-2, MW-7,
MW-20(MID), MW-SF-1, AND MW-SF-9**

GMW-27/GMW-27R



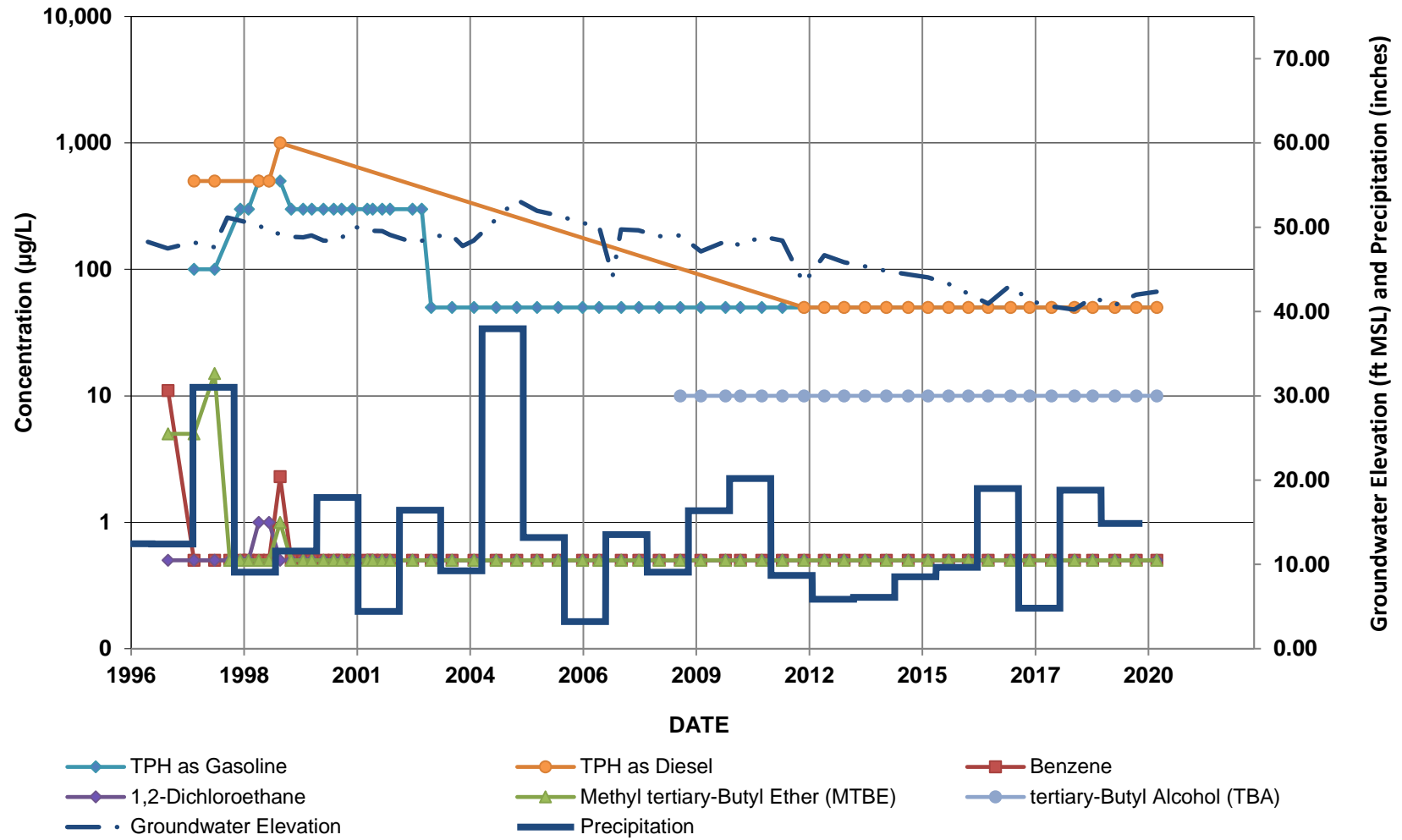
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-3



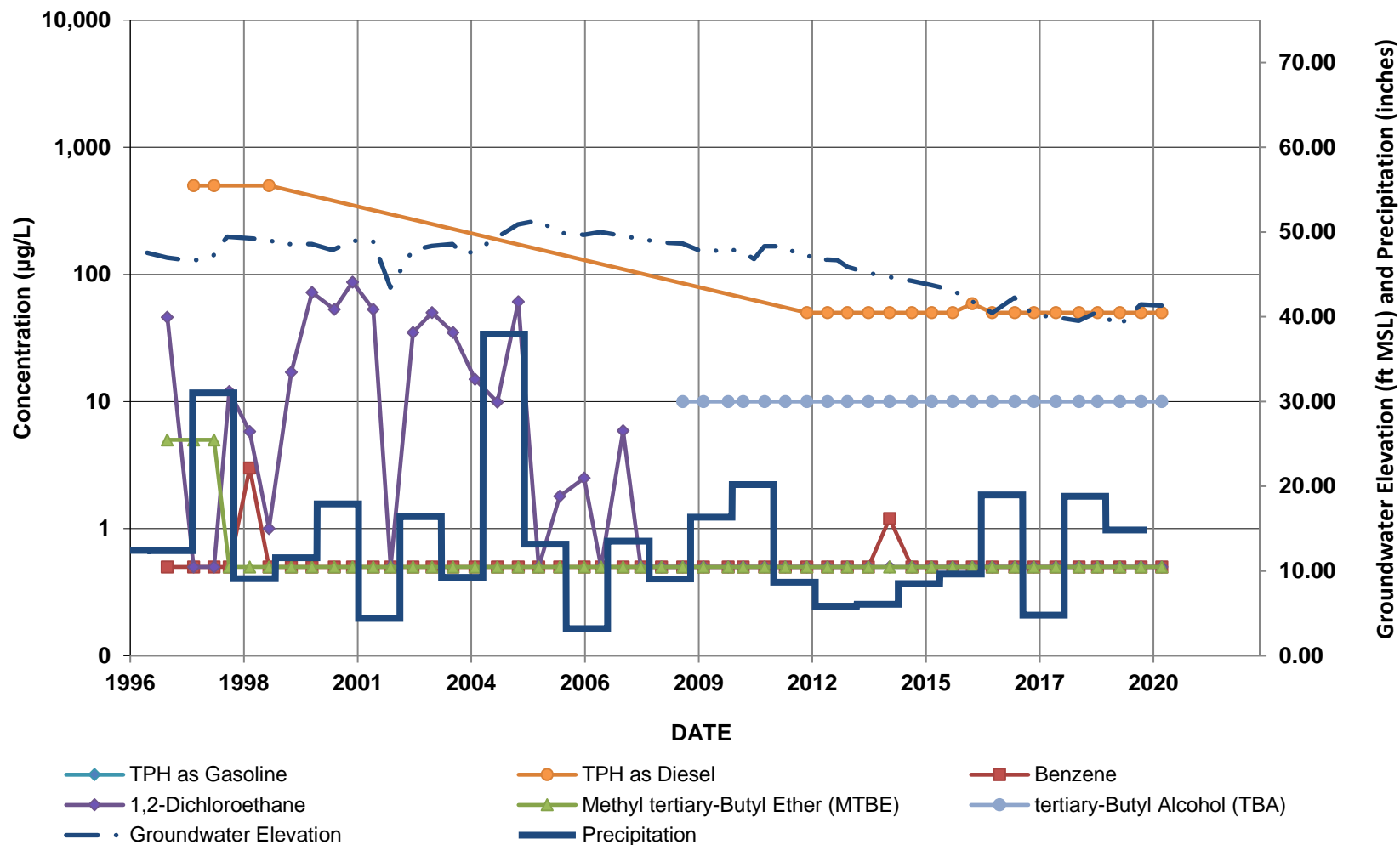
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-5



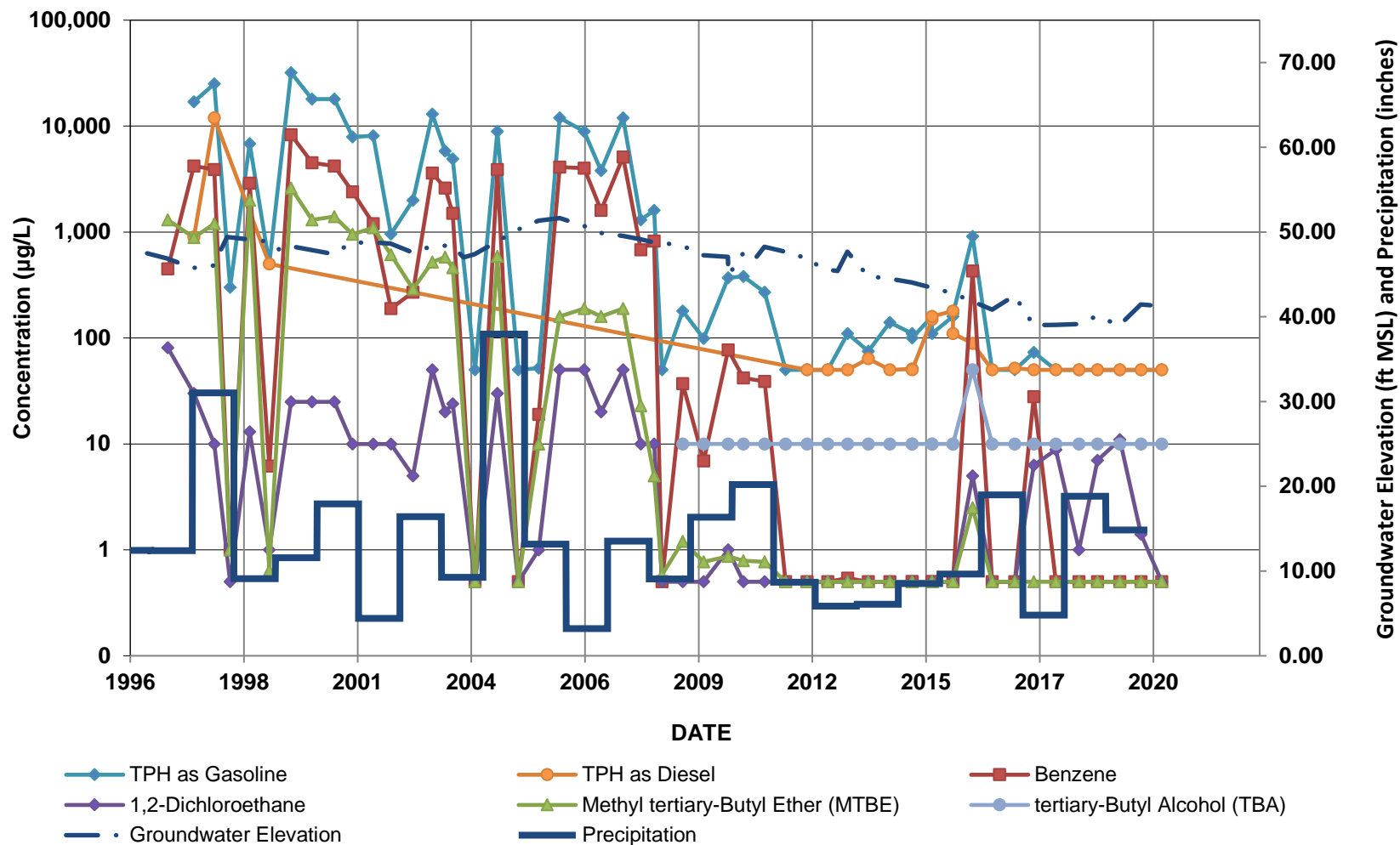
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-9



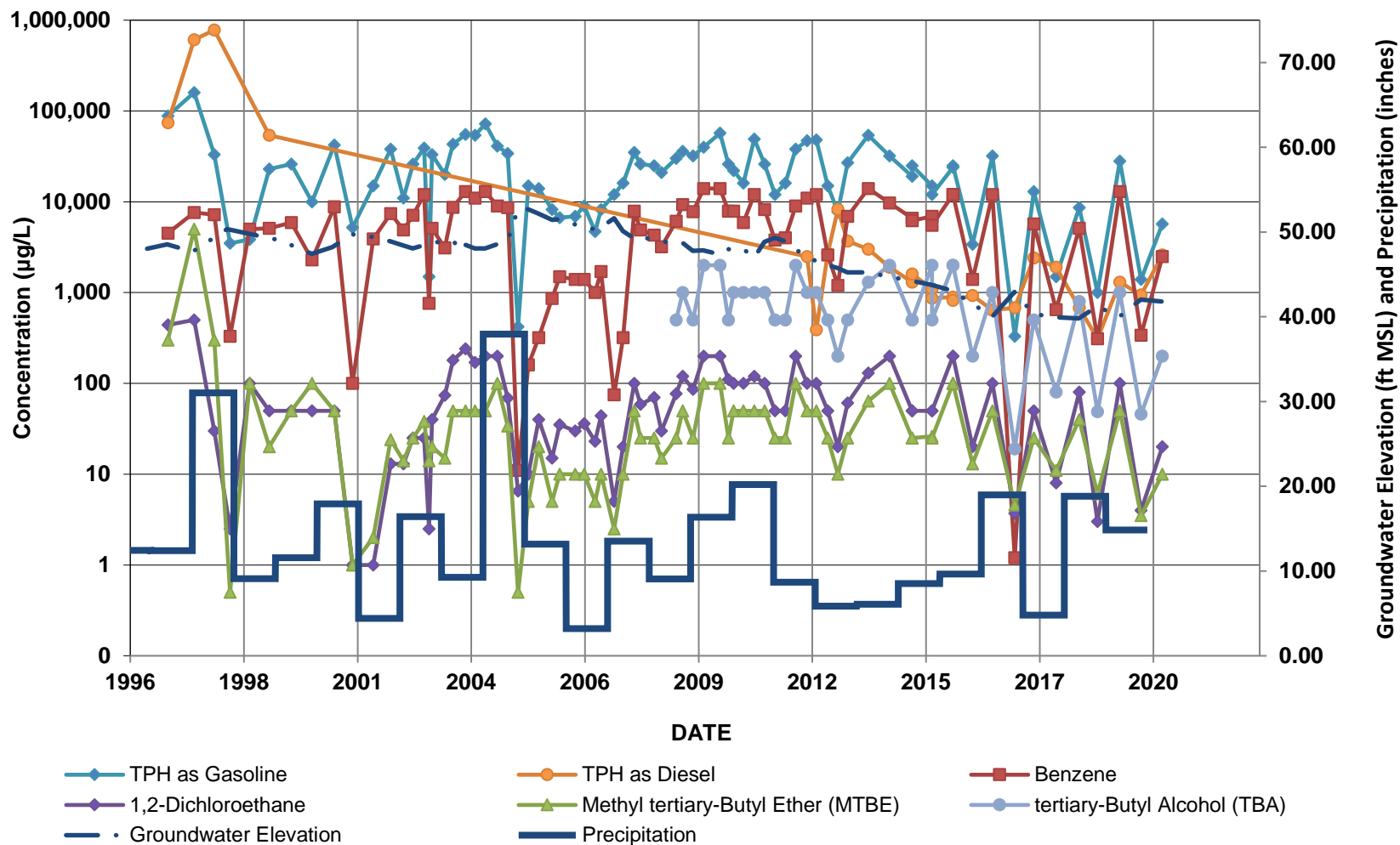
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-O-10



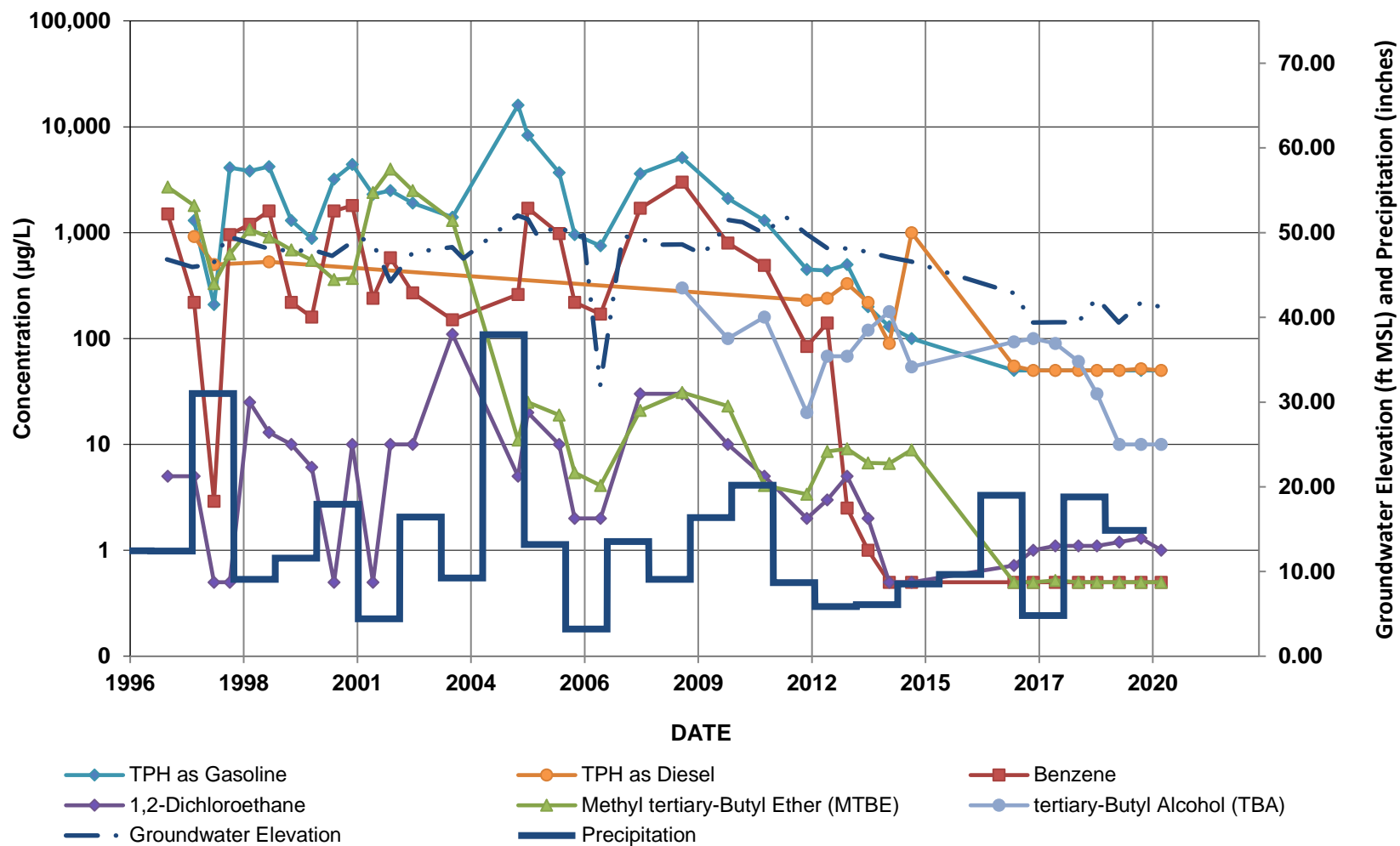
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-0-14



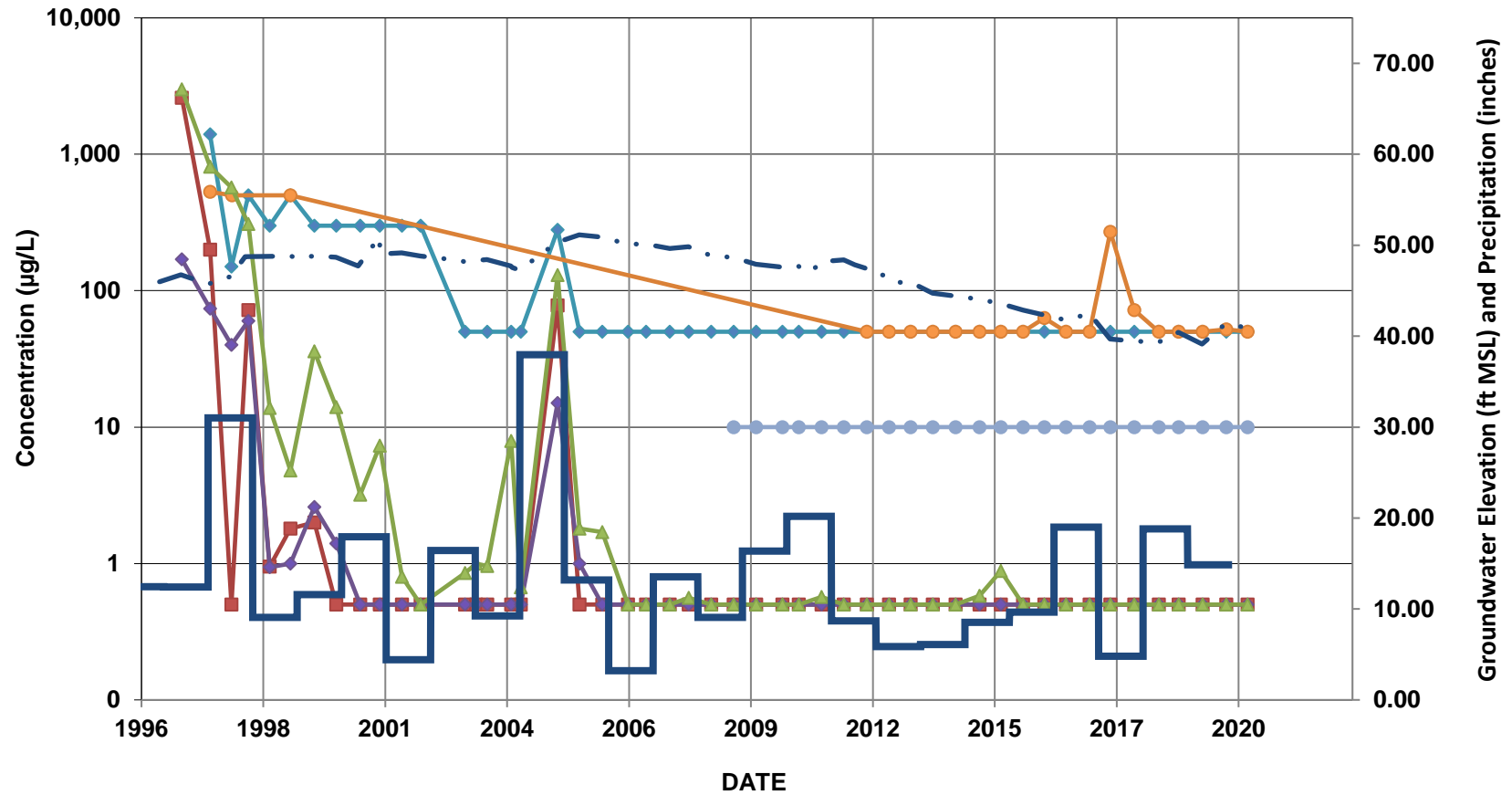
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GWR-1/GWR-1R



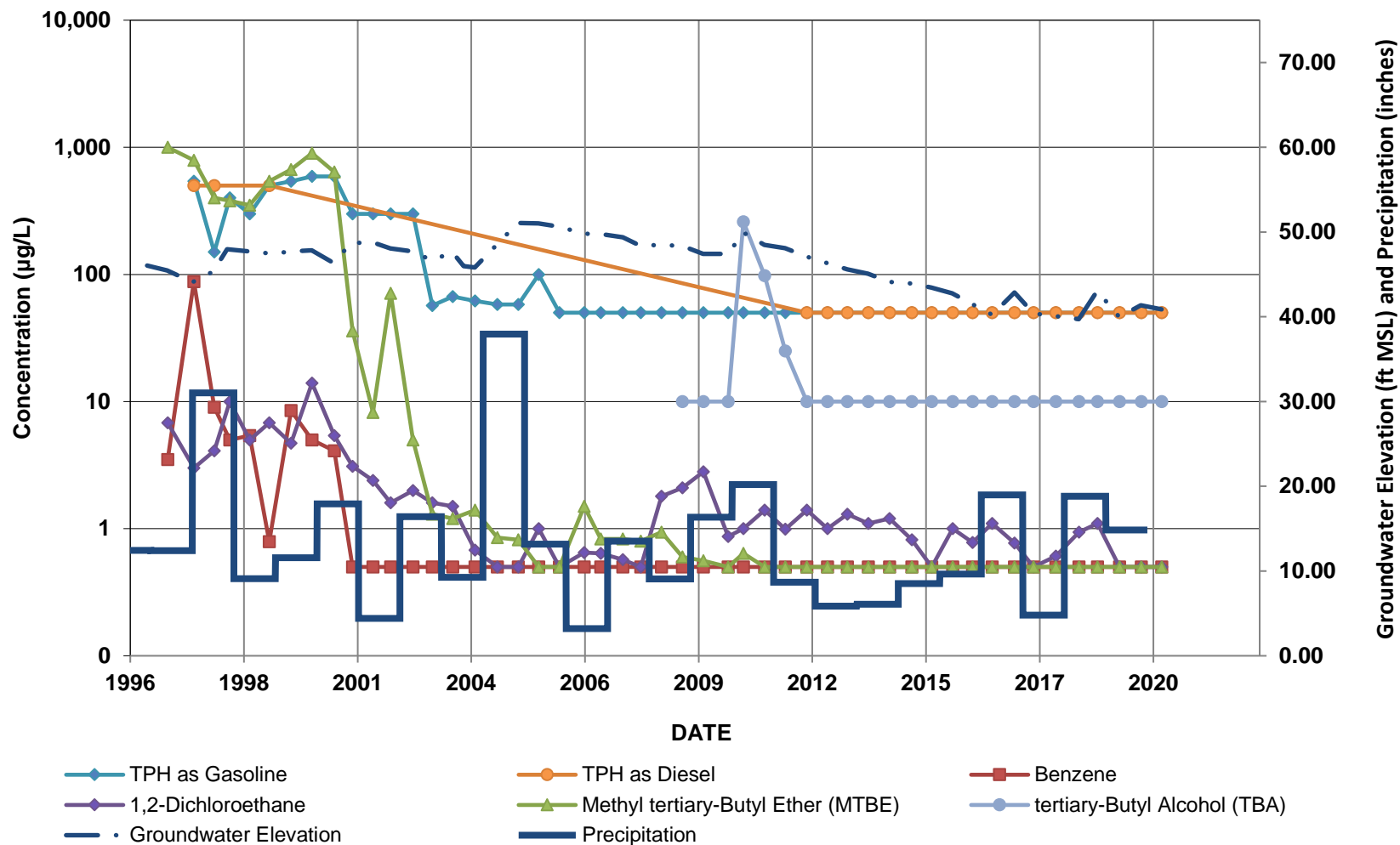
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

HL-2



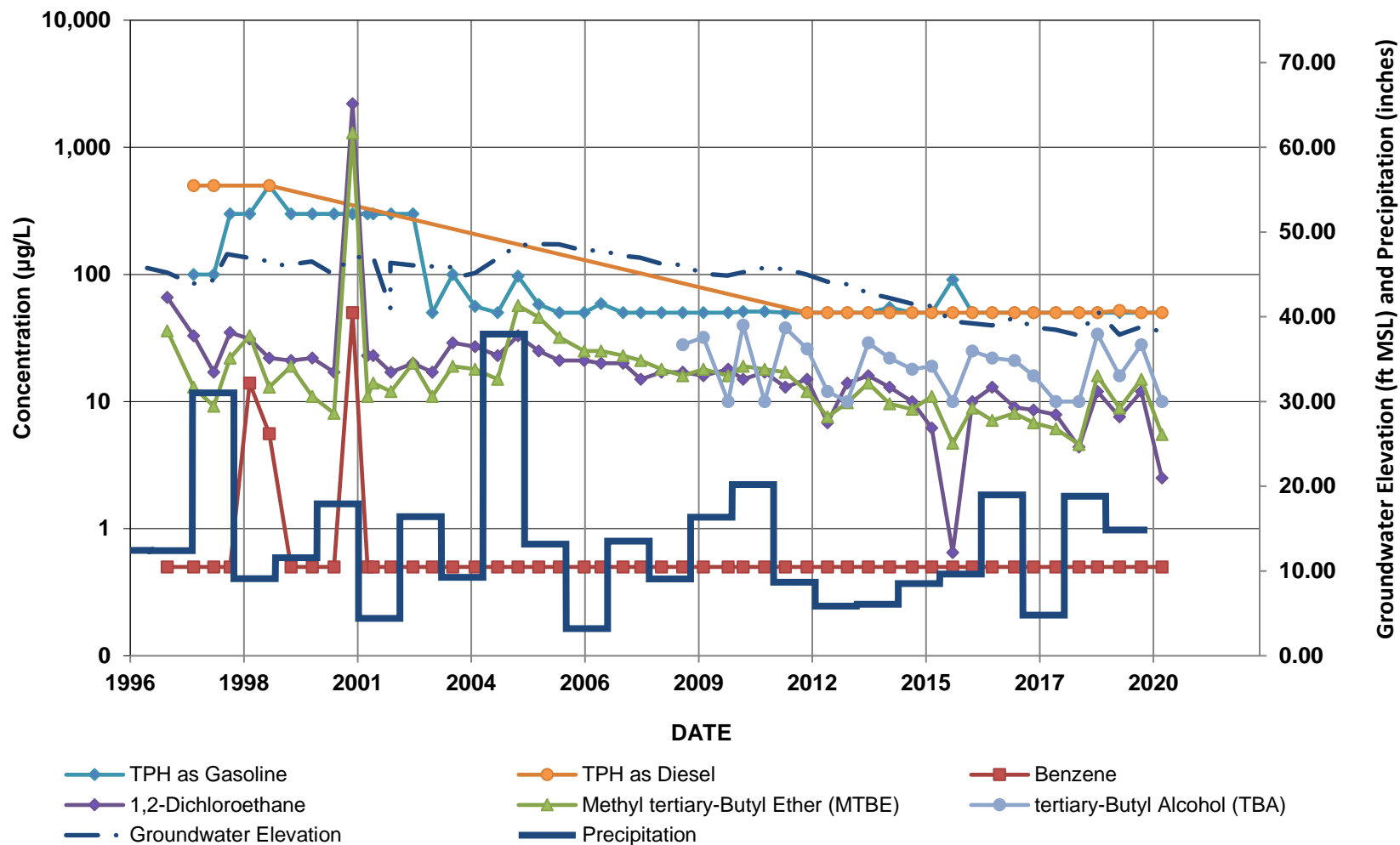
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-7



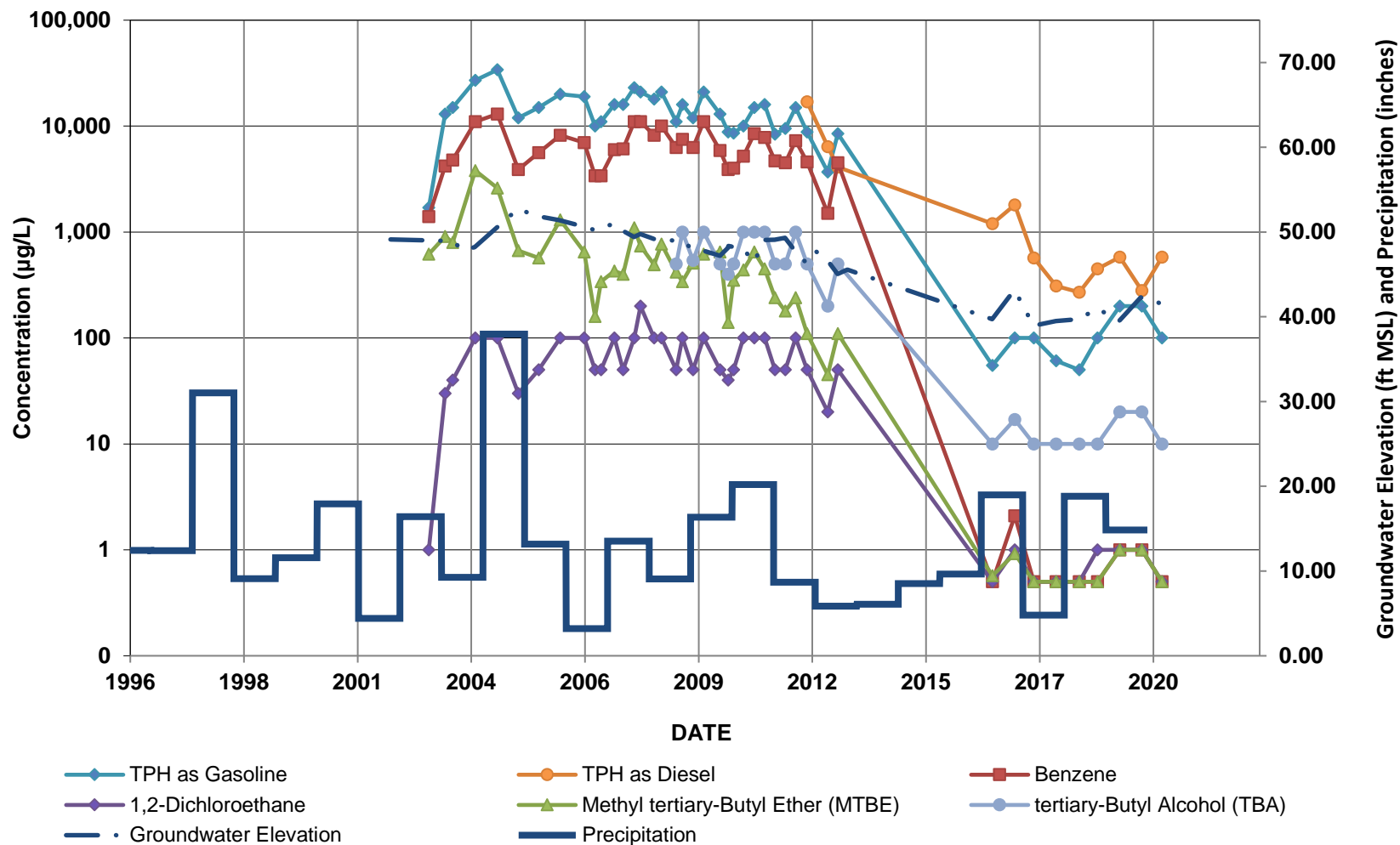
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-20(MID)



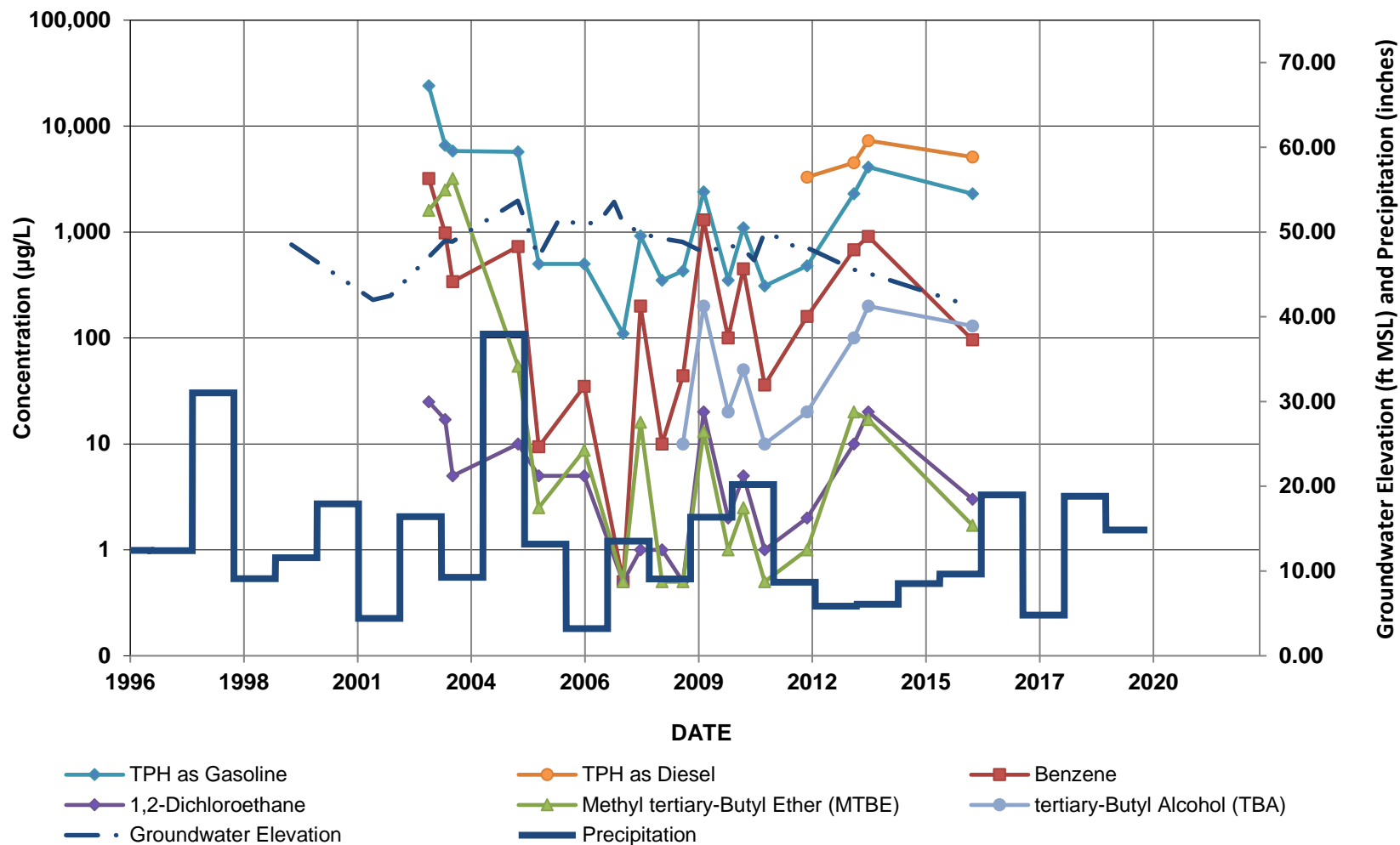
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-SF-1



Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

MW-SF-9

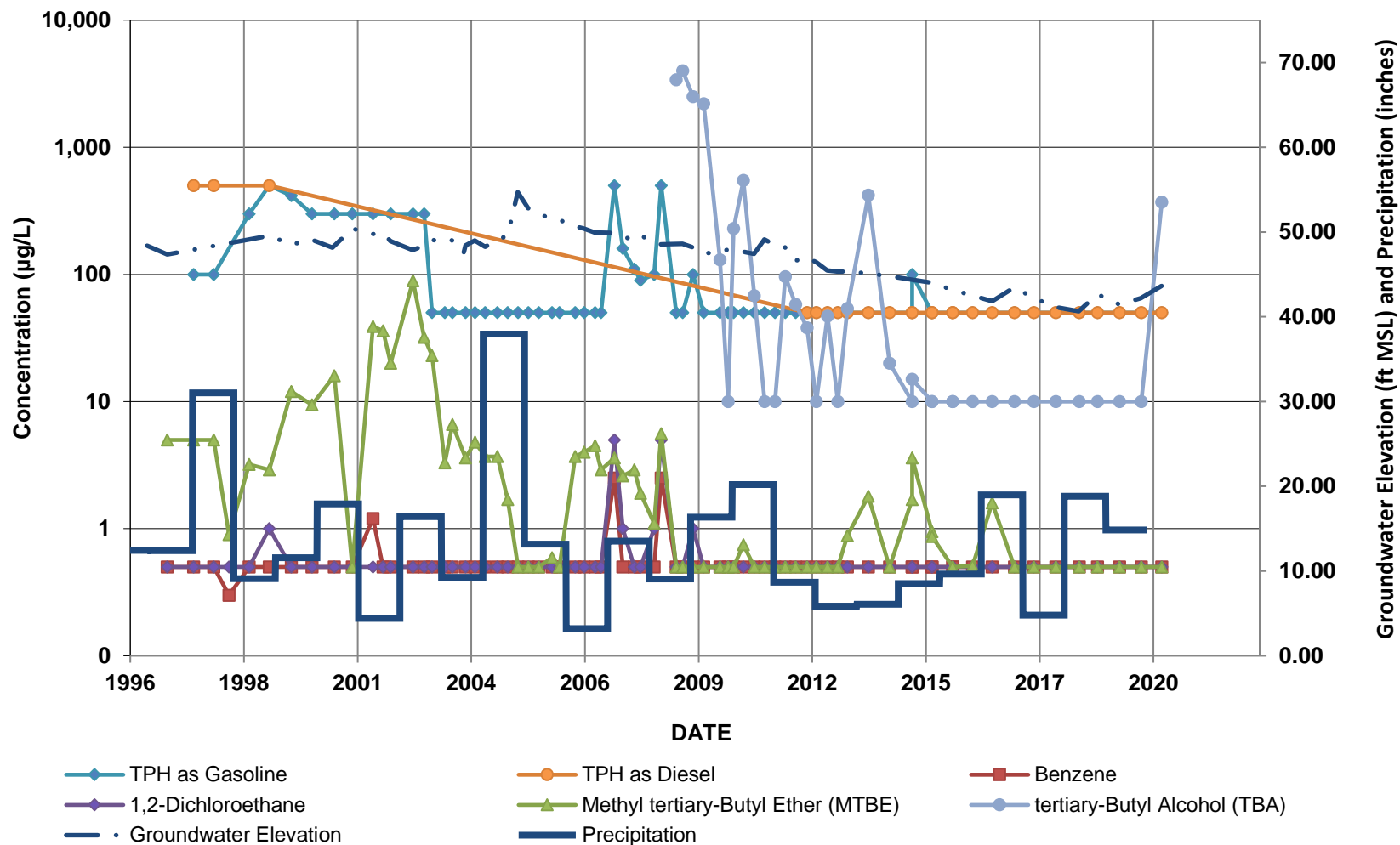


Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

SOUTHEASTERN 24-INCH BLOCK VALVE AREA

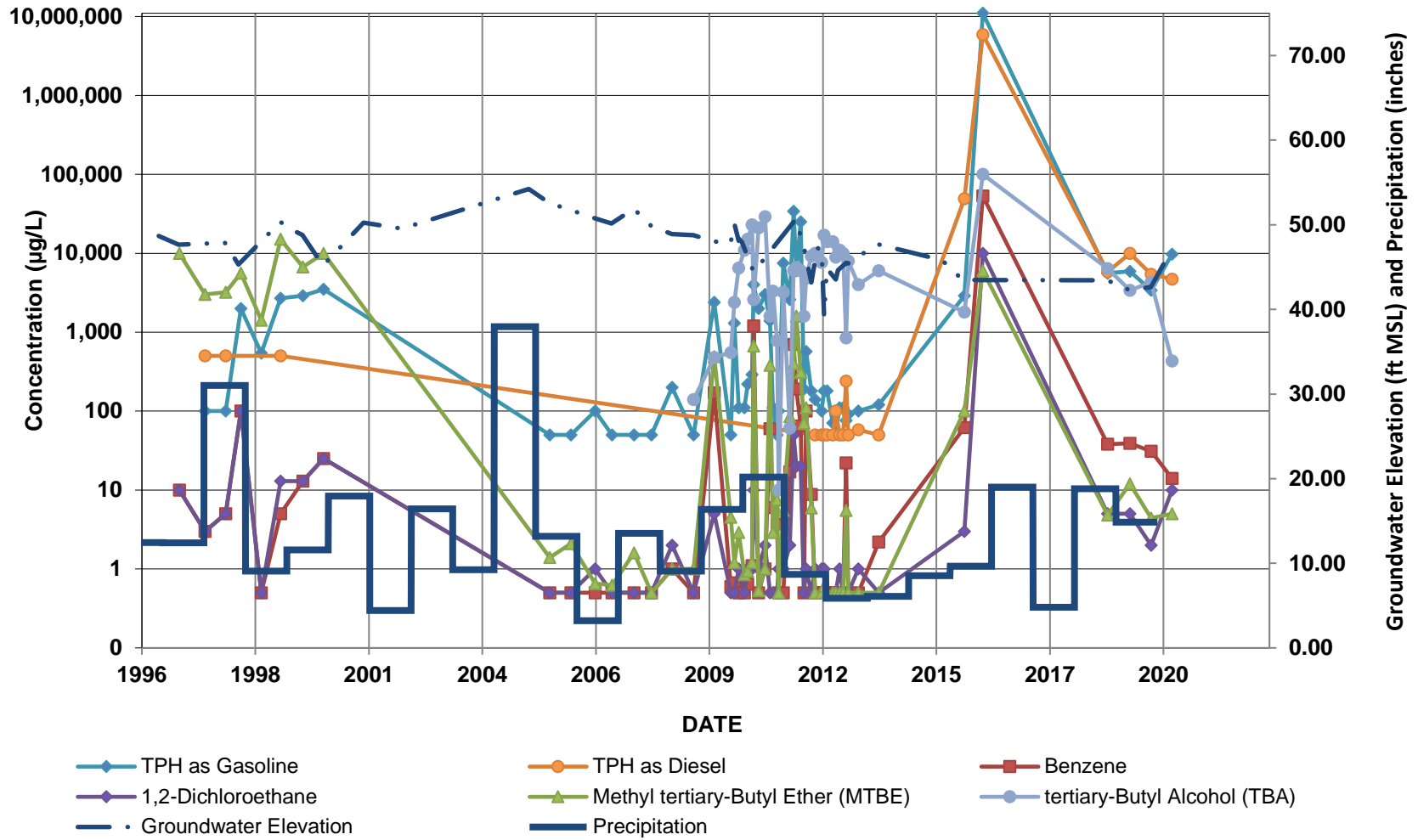
GMW-39, GMW-O-18, MW-8, AND PZ-5

GMW-39



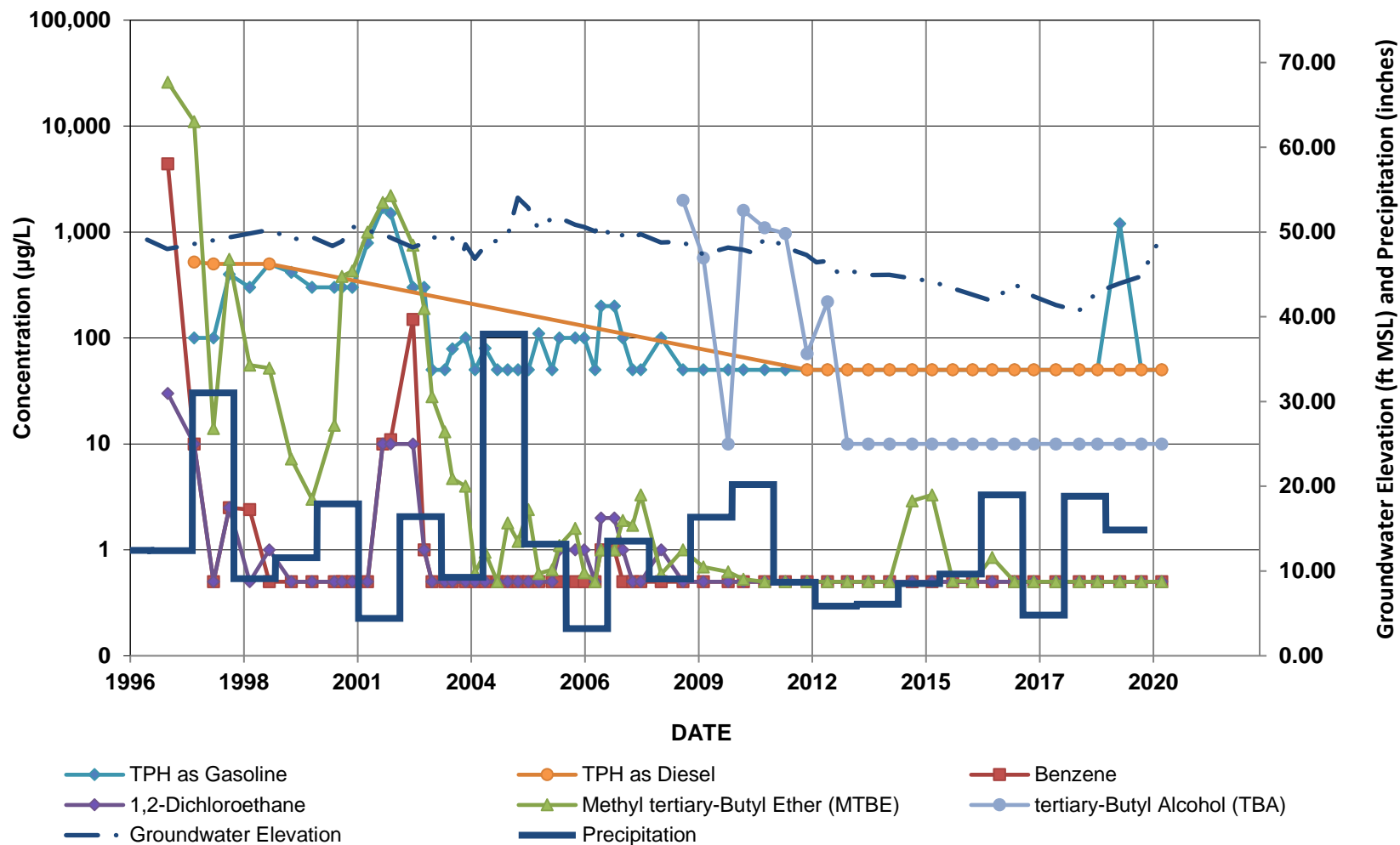
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

GMW-0-18



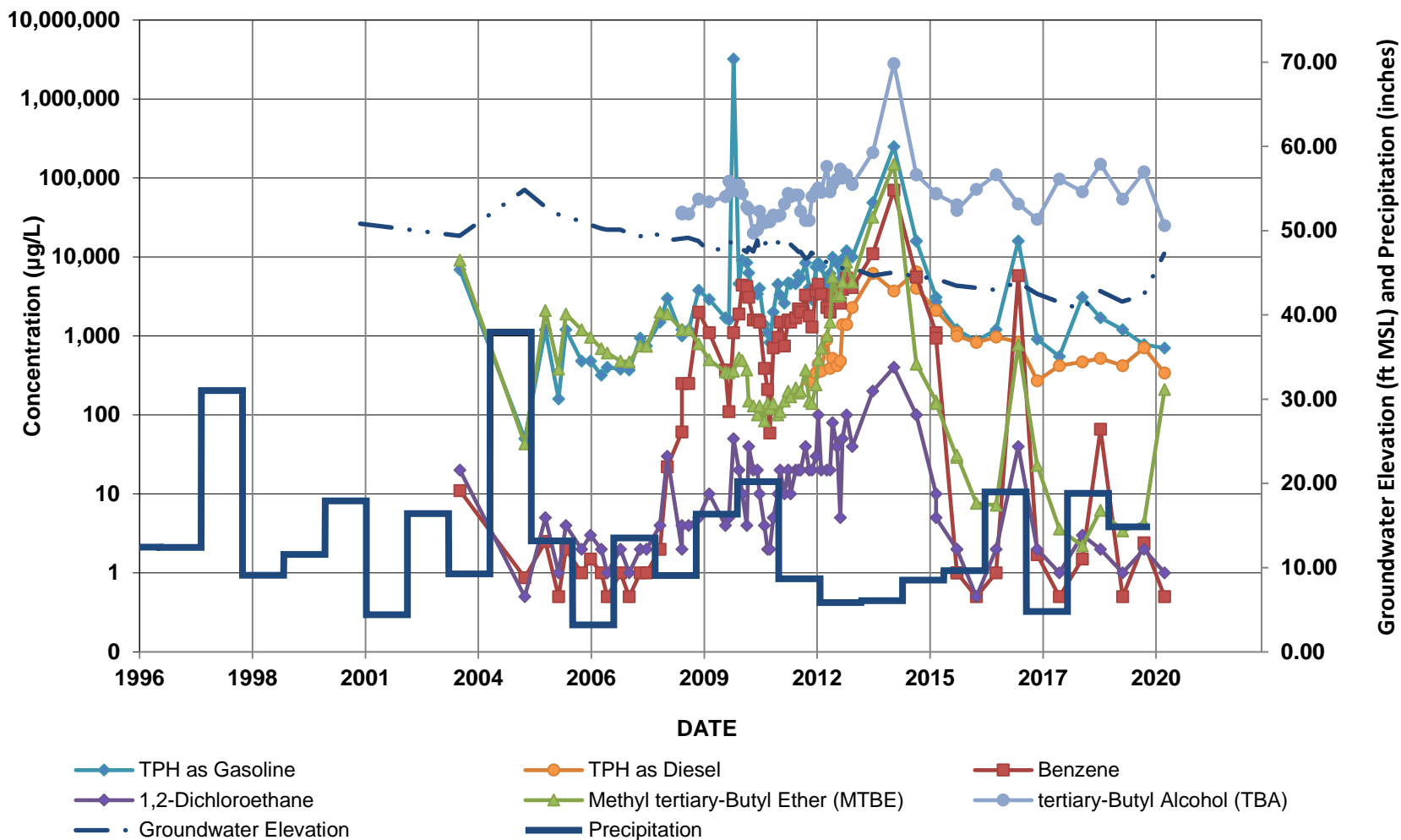
Non-detect results are plotted at the laboratory reporting limit (see table in Appendix D)

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)